APPENDIX 12
WASTE CHARACTERIZATION AND DISPOSITION DOCUMENTATION

APPENDIX 12.1
SIR IDW CHARACTERIZATION AND DISPOSITION DOCUMENTATION

643915

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
TXD006451090	1	(800)424-9300	009996407 JJK

GENERATOR

5. Generator's Name and Mailing Address
EXIDE TECHNOLOGIES
7471 S 5TH ST
FRISCO TX 75034-0005
Generator's Phone: (972)335-2121

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
SET Environmental Inc
U.S. EPA ID Number ILD 981957226

7. Transporter 2 Company Name
LA0000147272 GH
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT
7170 JOHN BRANNON RD.
SULPHUR LA 70665
Facility's Phone: (337)583-2169
U.S. EPA ID Number LAD000777201

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, NOS, 9, III, (D008) 956103LA LB5576	001	CM	25 0.26	GA Y	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 171 Box 11A
IN CASE OF EMERGENCY CONTACT CHEMTREC 800-424-9300. (WM CONTRACT #:CCN4557)
DISCREPANCIES CONTACT (972) 786-5446

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CARLILE, WENDELL D. Signature: Wendell D. Carlile Month: 11 Day: 14 Year: 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gary Holcomb Signature: Gary Holcomb Month: 11 Day: 14 Year: 12
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
N/C 11-15-12
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 (WR) 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Leigh Anne Lehr Signature: Month: 11 Day: 15 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

643915

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
TXD006451090	1	(800)424-9300	009996407 JJK

GENERATOR

5. Generator's Name and Mailing Address
EXIDE TECHNOLOGIES
7471 S 5TH ST
FRISCO TX 75034-0005
Generator's Phone: (972)335-2121

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
SET Environmental Inc

U.S. EPA ID Number ILD 981957236

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT
7170 JOHN BRANNON RD.
SULPHUR LA 70665

U.S. EPA ID Number LAD000777201

Facility's Phone: (337)583-2169

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID NOS, 9, III, (D008) 951037LA LB5576	001	CM	23 EN	Y	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 171 Box 114
IN CASE OF EMERGENCY CONTACT CHEMTREC 800-424-9300. (WM CONTRACT #:CCN4557)
DISCREPANCIES CONTACT (972) 786-5446

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CARLILE, WENDELL N. Signature: Wendell N. Carlile Month: 11 Day: 14 Year: 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gary Holcomb Signature: Gary Holcomb Month: 11 Day: 14 Year: 12

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
*PN/HC 11-15-12
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132 (M)			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: Leigh Anne Leh Signature: Month: 11 Day: 15 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

643915

CWM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
TXD006451090	1	(800)424-9300	009996407 JJK

GENERATOR

5. Generator's Name and Mailing Address
EXIDE TECHNOLOGIES
7471 S 5TH ST
FRISCO TX 75034-0005
Generator's Phone: (972)335-2121

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
SET Environmental Inc
U.S. EPA ID Number ILD 981957236

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT
7170 JOHN BRANNON RD.
SULPHUR LA 70665
Facility's Phone: (337)583-2169
U.S. EPA ID Number LAD000777201

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, NOS, 9, III, (D008) 956103EA LB5576	001	CM	25# ~~2000~~	G ~~P~~ Y	D008	D018	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ERG# 171 Box 114
IN CASE OF EMERGENCY CONTACT CHEMTREC 800-424-9300. (WM CONTRACT #:CCN4557)
DISCREPANCIES CONTACT (972) 786-5446

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CARLILE, WENDELL N. Signature: Wendell N. Carlile Month: 11 Day: 14 Year: 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: GARY Holcomb Signature: Gary Holcomb Month: 11 Day: 14 Year: 12

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
*PN/HC 11-15-12
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132 (WM)			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Leigh Anne Lehr Signature: Month: 11 Day: 15 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date 11/15/
Time 11:40:2

WASTE MANAGEMENT

Chemical Waste Management
Data Error/Discrepancy Report

Page . . :
Program name

CHEMICAL WASTE MANAGEMENT, INC.
7170 Ieland Brannon Road
Sulphur, LA 70665
(337) 583-2169

Report Initiation Date: 11/15/12
Five Day Resolution Period Begin Date: 11/16/12

Initiated By : WM0348TMK

Receiving Ticket: 000643915 Line # 1
Profile Number : 956103LA
Generator Name : EXIDE TECHNOLOGIES
City : FRISCO State: TX

Manifest : 009996407JJK
Federal EPA ID#: TXD006451090
Zip Code : 75034-0005

TYPE OF DISCREPANCY

Manifest* :	Weight* :	Analytical* :
Drum Count* :	LDR Form* :	Physical St* : X

Problem (be specific): Physical State SD

BULK WASTE MANIFESTED AS PROFILE 956103LA, SOIL
FROM RETAINING WALL PROJECT FOR TREATMENT AT
STABILIZATION. THE LOAD RECEIVED CONTAINS LARGE
PIECES OF CUT UP THICK PLASTIC. WE CANNOT
TREAT DEBRIS. WE CAN MACRO DEBRIS.
* IS THIS THE RIGHT PROFILE FOR THIS WASTE?

Efforts to resolve discrepancy: PER VANESSA COLEMAN/RICK CONNOR THE CORRECT
PROFILE NUMBER IS LB5576. CHANGE THE PAPERWORK
TO REFLECT THE CORRECTION.

Resolved: X
Time In : 0:08:36

Unresolved:
Time Out : 0:11:33

Pandora Nunez
Authorized Signature

Date Resolved: 11/15/12

** END OF REPORT **

Date 11/16/12 Chemical Waste Management Page . . :
Time 10:56:

WASTE MANAGEMENT

Data Error/Discrepancy Report Program name

CHEMICAL WASTE MANAGEMENT, INC.
7170 John Brannon Road
Sulphur, LA 70665
(337) 583-2169

Report Initiation Date: 11/15/12
Five Day Resolution Period Begin Date: 11/16/12

Initiated By : WM0348DR1

Receiving Ticket: 000643915 Line # 1 Manifest : 009996407JJK
Profile Number : LB5576
Generator Name : EXIDE TECHNOLOGIES Federal EPA ID#: TXD006451090
City : FRISCO State: TX Zip Code : 75034-0005

TYPE OF DISCREPANCY

Manifest* :	Weight* : X	Analytical* :
Drum Count* :	LDR Form* :	Physical St* :

Problem (be specific): Total Quantity

PTHERE IS A GREATER THAN 10% VOLUME DISCREPANCY.
MANIFESTED FOR 20 YARDS; CWM'S VOLUME IS
25 YARDS.

Efforts to resolve discrepancy: PER VANESSA COLEMAN OK TO USE CWM'S VOLUME OF 25 YARDS AND CHANGE THE PAPERWORK TO REFLECT THE CORRECTION.

Resolved: X Unresolved:
Time In : 0:16:40 Time Out : 0:08:40

Pandora Thomas
Authorized Signature

Date Resolved: 11/16/12

** END OF REPORT **

SR# 992200 CWMI

L043568

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	TXD006451090	1	(800)424-9300	009996497 JJK

5. Generator's Name and Mailing Address
EXIDE TECHNOLOGIES
7471 S 5TH ST
FRISCO TX 75034-0005
Generator's Phone: (972)335-2121

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Chemical waste management Inc — U.S. EPA ID Number: LA0000147272

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT
7170 JOHN BRANNON RD.
SULPHUR LA 70665
Facility's Phone: (337)583-2169
U.S. EPA ID Number: LAD000777201

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,NA3077,HAZARDOUS WASTE,SOLID,NOS,9,III, (D008) 956103LA	1	DT	46180	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 01171.
IN CASE OF EMERGENCY CONTACT CHEMTREC 800-424-9300. (WM CONTRACT #:CCN4557)
DISCREPANCIES CONTACT (972)786-5446

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CARLILE, WENDELL S. — Signature: Wendell S. Carlile — Month 11 Day 06 Year 12

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Randy Smith — Signature: Randy Smith — Month 11 Day 16 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Shaun Laws — Signature — Month 11 Day 17 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

44461 SR# 993510 CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	TXD006451090	1	(800)424-9300	009996826 JJK

5. Generator's Name and Mailing Address
EXIDE TECHNOLOGIES
7471 S 5TH ST
FRISCO TX 75034-0005
Generator's Phone: (972)335-2121

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Chemical Waste Management Inc. U.S. EPA ID Number: LA0000147272

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT
7170 JOHN BRANNON RD.
SULPHUR LA 70665
Facility's Phone: (337)583-2169
U.S. EPA ID Number: LAD000777201

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,NA3077,HAZARDOUS WASTE,SOLID,NOS,9,III,(D008) 956103LA	1	DT	26.660	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG#-01171.
IN CASE OF EMERGENCY CONTACT CHEMTREC 800-424-9300. (WM CONTRACT #:CCN4557)
DISCREPANCIES CONTACT CARLILE WENDELL (972) 786-5446.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CARLILE, WENDELL L. Signature: Wendell L. Carlile Month: 11 Day: 29 Year: 12

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: George Blount III Signature: [signature] Month: 11 Day: 29 Year: 12
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Leigh Anne Clark Signature: [signature] Month: 11 Day: 29 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1250879

Name Exide Technologies
Address PO Box 250
Frisco TX 75034
Phone No. 972 335-2121

Generating Location Exide Technologies
7471 South 5th St; Frisco, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
~~D018 D039 D043~~	~~118329TX~~	~~Soil, Concrete & Debris~~		Y
~~D018 D039 D043~~	~~958482TX~~			
D018 D039 D043	958041 TX	SOIL FROM RETAINING WALL	20 YDS	Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL D. (PRINT) — AUTHORIZED AGENT'S NAME
9/11/12 — DATE
Wendell D. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name GREEN SCAPING ~~Jack Hensel Trucking~~
Address ~~108 W State Hwy 22 Barry, TX 75102~~ 2401 HANDLEY EDERVILLE RD. FORT WORTH, TX 76118
Phone No. ~~(903)695-2044~~ (817) 577-9299
Driver's name Travis Orr
Vehicle No. 866/865

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

9-11-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
9-11-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S Railroad Street
Lewisville TX 75067
Phone No. (972)459-1213
Permit No. 1025-B
Time 2:24PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Reed — NAME (PRINT)
9/11/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1250878

Name Exide Technologies
Address PO Box 250
Frisco TX 75034
Phone No. 972 335 2121

Generating Location Exide Technologies
7471 South 5th St; Frisco, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
~~D001 D002~~	~~118529TX~~	~~Soil, Concrete & Debris~~		Y
~~D001 D002~~	~~95782 9TX~~			
D001 D002	95804 1TX	SOIL FROM RETAINING WALL	20 yds	Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL A. (PRINT) AUTHORIZED AGENT'S NAME — 9/11/12 DATE — SIGNATURE

TRANSPORTER

Transporter's Name GREEN SCAPING ~~Jack Herred Trucking~~
Address ~~106 W State Hwy 22 Barry, TX 75102~~ 2401 HANDLEY EDERVILLE RD. FORT WORTH, TX 76118
Phone No. ~~(903)895-2841~~ (817) 577-9299
Driver's name Travis Oak
Vehicle No. 8U4 / 2U05

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

9-11-12 SHIPMENT DATE — Travis Oak DRIVER'S SIGNATURE — 9-11-12 DELIVERY DATE — Travis Oak DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1500 S Railroad Street
Lewisville TX 75067
Permit No. 1025-B
Phone No. (972)459-1213
Time 1203pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

NAME (PRINT) — 9/11/12 DATE — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1250880

Name Exide Technologies
Address PO Box 250
Frisco TX 75034
Phone No. 972 335-2121

Generating Location Exide Technologies
7471 South 5th St; Frisco, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
~~D018 D039 D043~~	~~118320TX~~	~~Soil, Concrete & Debris~~		Y
~~D018 D039 D043~~	~~95784TX~~			
D018 D039 D043	95804ITX	SOIL FROM RETAINING WALL	20 yds	Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL D. (PRINT) — AUTHORIZED AGENT'S NAME
9/11/12 — DATE
Wendell D. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name ~~Jack Herrod Trucking~~ GREEN SCAPING
Address ~~108 W State Hwy 22 Barry, TX 75102~~ 2401 HAMLEY ESENVILLE RD FORT WORTH, TX 76118
Phone No. ~~(903)695-2044~~ (817)577-9299
Driver's name TRAVIS OAR
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

9-11-12 — SHIPMENT DATE
Travis Oar — DRIVER'S SIGNATURE
9-11-12 — DELIVERY DATE
Travis Oar — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S Railroad Street
Permit No. 1025-B
Phone No. (972)459-1213
Lewisville TX 75067
Time 4:59 PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Troy Turner — NAME (PRINT)
9/11/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252654

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	[redacted]	Y
D002 D003 D012	95804 TX	SOIL FROM RETAING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL A. (PRINT) — AUTHORIZED AGENT'S NAME
10-1-12 — DATE
Wendell A. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name [redacted] GreenScapings
Address [redacted] 2401 Handley Ederville
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-1-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-1-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET 1025-B
Permit No. _____
Phone No. (972)459-1213 LEWISVILLE TX 75067
Time 4:03 pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K Barclay — NAME (PRINT)
10-1-12 — DATE
K Barclay — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252655

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 1/2	Y
010127B10212	458041TX	SOIL FROM RETAING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL L. (PRINT) — AUTHORIZED AGENT'S NAME
10-1-12 — DATE
W. L. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping [redacted]
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 806

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-1-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-1-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 2:46PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

NAME (PRINT)
10/01/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252656

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
0102730212	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLIE WENDELL Jr. (PRINT) — AUTHORIZED AGENT'S NAME
10-2-12 — DATE
Wendell Carlie — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Ott
Vehicle No. 864

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-2-12 — SHIPMENT DATE
Travis Ott — DRIVER'S SIGNATURE
10-2-12 — DELIVERY DATE
Travis Ott — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 9:17 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K. Reed — NAME (PRINT)
10/02/12 — DATE
K. Reed — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252657

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	[redacted]	Y
0102130212	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLISLE WRIGHT — AUTHORIZED AGENT'S NAME (PRINT) — 10-2-12 DATE — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville
[redacted] Ft. Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orn
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-2-12 SHIPMENT DATE — Travis Orn DRIVER'S SIGNATURE
10-2-12 DELIVERY DATE — Travis Orn DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1040 A

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Trey Cox NAME (PRINT) — 10/2/12 DATE — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252658

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
0D0273022	95804ITX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL B. — AUTHORIZED AGENT'S NAME (PRINT)
10-2-12 — DATE
Wendell B. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name [redacted] Green Scaping
Address [redacted] 2401 Handley Ederville FT. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orn
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-2-12 — SHIPMENT DATE
Travis Orn — DRIVER'S SIGNATURE
10-2-12 — DELIVERY DATE
Travis Orn — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET 1025-B
Permit No. _____
Phone No. (972)459-1213 LEWISVILLE TX 75067
Time 2:11PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K. Reed — NAME (PRINT)
10/2/12 — DATE
K. Reed — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252659

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
010217 0 0122	95804ITX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLISLE, WENDELL S. (PRINT) — AUTHORIZED AGENT'S NAME
10-2-12 — DATE
Wendell S. Carlisle — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd Fort Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-2-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-2-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 3:49 pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
10/2/12 — DATE
[illegible] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252660

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
0027302212	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLISLE KENDALL S (PRINT) — AUTHORIZED AGENT'S NAME
10-2-12 — DATE
Kendall S. Carlisle — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-2-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-2-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1:56 PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K. Reed — NAME (PRINT)
10/02/12 — DATE
K. Reed — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS
WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252661

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
0102730202	95804/TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL A. (PRINT) — AUTHORIZED AGENT'S NAME
10-3-12 — DATE
Wendell A. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-3-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-3-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 9:40 am

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
10/3/12 — DATE
[illegible] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252662

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	4	Y
0102702022	958041TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL S. (PRINT) — AUTHORIZED AGENT'S NAME
10-3-12 — DATE
Wendell S. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted]
Driver's name Travis Ord
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-3-12 — SHIPMENT DATE
Travis Ord — DRIVER'S SIGNATURE
10-3-12 — DELIVERY DATE
Travis Ord — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1201 PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
10/3/12 — DATE
[illegible] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252663

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8	Y
0102171310212	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL A. (PRINT) — AUTHORIZED AGENT'S NAME
10-5-12 — DATE
Wendell A. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name [redacted] Green Seeping
Address [redacted] 2461 Handley Edgewille Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Ott
Vehicle No. 8600

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-5-12 — SHIPMENT DATE
Travis Ott — DRIVER'S SIGNATURE
10-5-12 — DELIVERY DATE
Travis Ott — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET 1025-B
Permit No. _____
Phone No. (972)459-1213 LEWISVILLE TX 75067
Time 12:21 PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

A. Reed — NAME (PRINT)
10/5/12 — DATE
A. Reed — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252664

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD000451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
D002 D008	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL S. (PRINT) — AUTHORIZED AGENT'S NAME
24 Oct. 2012 — DATE
Wendell S. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scapes
Address [redacted] Hurley Edenville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866/765

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-24-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-24-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 120pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Troy Orr — NAME (PRINT)
10/24/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252670

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 YDS	Y
010271310212	958041TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLISLE, WENDELL B. (PRINT) — AUTHORIZED AGENT'S NAME
10-31-12 — DATE
Wendell B. Carlisle — SIGNATURE

TRANSPORTER

Transporter's Name GreenScaling
Address [redacted] 2401 Hardy Edenville Ft. Worth Tx. 76118
Phone No. [redacted] 817 577-9294
Driver's name Travis Ott
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-31-12 — SHIPMENT DATE
Travis Ott — DRIVER'S SIGNATURE
10-31-12 — DELIVERY DATE
Travis Ott — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET 1025-B
Permit No. _____
Phone No. (972)459-1213 LEWISVILLE TX 75067
Time 1241p

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Travis Ott — NAME (PRINT)
10/31/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS
WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252671

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335 2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	6 yds	Y
010271310121	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLISLE, WENDELL S. (PRINT) AUTHORIZED AGENT'S NAME — 10-31-12 DATE — Wendell S. Carlisle SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville
[redacted] Ft. Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Ona
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-31-12 SHIPMENT DATE — Travis Ona DRIVER'S SIGNATURE — 10-31-12 DELIVERY DATE — Travis Ona DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 3:05 pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K Bodey NAME (PRINT) — 10-31-12 DATE — K Bodey SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252672

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	610	Y
0012720122	958041TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL B. (PRINT) — AUTHORIZED AGENT'S NAME
11-1-12 — DATE
Wendell B. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name GreenSea Plus
Address [redacted] 2401 Handley Ederville
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 806

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-1-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
11-1-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1146 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
11/1/12 — DATE
[illegible] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252673

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
0102730122	958041TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL JR. (PRINT) — AUTHORIZED AGENT'S NAME
11-1-12 — DATE
Wendell D. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Hardley Lakeville
[redacted] Ft Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Ard
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-1-12 — SHIPMENT DATE
Travis Ard — DRIVER'S SIGNATURE
11-1-12 — DELIVERY DATE
Travis Ard — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 3:01pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
11/1/12 — DATE
[illegible] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252674

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 YDS	Y
D0127 D0122	958011	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL D. (PRINT) — AUTHORIZED AGENT'S NAME
11-1-12 — DATE
Wendell D. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
Ft. Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-1-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
11-1-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET 1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1:09 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
11/1/12 — DATE
[illegible] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS
WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252675

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
0102213010202	95804 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL B. (PRINT) — AUTHORIZED AGENT'S NAME — 11-9-12 DATE — Wendell B. Carlile SIGNATURE

TRANSPORTER

Transporter's Name GreenScaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Carr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-9-12 SHIPMENT DATE — Travis Carr DRIVER'S SIGNATURE — 11-9-12 DELIVERY DATE — Travis Carr DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time _____

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K Boxley NAME (PRINT) — 11-9-12 DATE — K Boxley SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252676

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8405	Y
0102171310212	95804 TX	SOIL FROM ARTHINGTON WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, JERRELL D. — AUTHORIZED AGENT'S NAME (PRINT)
11-9-12 — DATE
Jerrell D Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9259
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-9-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
11-9-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1:53 PM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K Boxley — NAME (PRINT)
11-9-12 — DATE
K Boxley — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252677

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
D002 D30 D42	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL S. (PRINT) — AUTHORIZED AGENT'S NAME
11-9-12 — DATE
Wendell S. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-9-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
11-9-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 12:45 pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

K Bexley — NAME (PRINT)
11-9-12 — DATE
K Bexley — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252678

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	[redacted]	Y
00121301221	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL D. (PRINT) — AUTHORIZED AGENT'S NAME
10-31-12 — DATE
Wendell D. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth Tx. 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Cain
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-31-12 — SHIPMENT DATE
Travis Cain — DRIVER'S SIGNATURE
10-31-12 — DELIVERY DATE
Travis Cain — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1009 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Roy Turner (PRINT) — NAME
10/31/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252679

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	Y
D002 D018	958041 TX	SOIL FROM RETAINING WALL		

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL D. (PRINT) — AUTHORIZED AGENT'S NAME
10-31-12 — DATE
W. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Hardley Edenville Rd
[redacted] Ft. Worth Tx 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

10-31-12 — SHIPMENT DATE
Travis Orr — DRIVER'S SIGNATURE
10-31-12 — DELIVERY DATE
Travis Orr — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)458-1213
LEWISVILLE TX 75067
Time 11:48 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Troy Cw — NAME (PRINT)
10/31/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS
WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252681

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET; FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	8 yds	
101201310212	958041TX	SOIL FROM MATERIALS HAUL		Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLILE, WENDELL D. — AUTHORIZED AGENT'S NAME (PRINT)
19 NOV. 2012 — DATE
Wendell D. Carlile — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Hanby Edenville
[redacted] Ft. Worth 76118
Phone No. [redacted] 817-577-9299
Driver's name Travis Old
Vehicle No. 846

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-19-12 — SHIPMENT DATE
Travis Old — DRIVER'S SIGNATURE
11-19-12 — DELIVERY DATE
Travis Old — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
1025-B
Permit No. _____
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 1009 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Troy Lum — NAME (PRINT)
11/19/12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252682

Name EXIDE TECHNOLOGIES
Address PO BOX 250
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DB12731012121	95604 IDK	SOIL FROM RETAINING WALL	8yds	Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLOCK, WENDELL A. (PRINT) — AUTHORIZED AGENT'S NAME
19 NOV. 2012 — DATE
Wendell A. Carlock — SIGNATURE

TRANSPORTER

Transporter's Name Green Scapes
Address [redacted] 2401 Handley Ederville
Ft. Worth Tx. 76116
Phone No. [redacted] 817-577-9299
Driver's name Travis Old
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-19-12 — SHIPMENT DATE
Travis Old — DRIVER'S SIGNATURE
11-19-12 — DELIVERY DATE
Travis Old — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S RAILROAD STREET
Permit No. 1025-B
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 12:53

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

Debbie — NAME (PRINT)
11-19-12 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1252683

Name EXIDE TECHNOLOGIES
Address PO BOX 260
FRISCO TX 75034
Phone No. 972 335-2121

Generating Location EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET, FRISCO, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
102773922	95804/TX	Soil From Retaining Wall	6 yds	Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLTON WENDELL B. — 19 NOV. 2012 — [signature]
AUTHORIZED AGENT'S NAME (PRINT) — DATE — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address [redacted] 2401 Handley Ederville Rd
[redacted] Ft. Worth 76118
Phone No. [redacted] 817-577-9255
Driver's name Travis Orr
Vehicle No. 866

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-19-12 — Travis Orr — 11-19-12 — Travis Orr
SHIPMENT DATE — DRIVER'S SIGNATURE — DELIVERY DATE — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1500 S RAILROAD STREET
1025 B
Permit No.
Phone No. (972)459-1213
LEWISVILLE TX 75067
Time 2:05 pm

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[signature] — 11-19-12 — [signature]
NAME (PRINT) — DATE — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

NON-HAZARDOUS
WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1312048

Name Exide Technologies
Address PO Box 250
Frisco TX 75034
Phone No. 972 335-2121

Generating Location Exide Technologies
7471 South 5th St; Frisco, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
0121731012121	958041TX	SOIL FROM RETAINING WALL	8yds	Y

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

CARLTON WENDELL Jr. (PRINT) — AUTHORIZED AGENT'S NAME
19 NOV. 2012 — DATE
[signature] — SIGNATURE

TRANSPORTER

Transporter's Name Green Scaping
Address 2401 Handley Ederville Rd.
Ft. Worth Tx. 76118
Phone No. 817-577-9299
Driver's name Travis Ott
Vehicle No. 816

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

11-19-12 — SHIPMENT DATE
Travis Ott — DRIVER'S SIGNATURE
11-19-12 — DELIVERY DATE
Travis Ott — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S Railroad Street
1025-B
Permit No. _____
Phone No. (972)316-2223
Lewisville TX 75067
Time 11:25

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[signature] — NAME (PRINT)
11-19-12 — DATE
[signature] — SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-53710-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, Texas 78664

Attn: Eric Pastor

Authorized for release by:
5/3/2012 6:12:02 PM
Cathy Upton
LAN Analyst
cathy.upton@testamericainc.com

Designee for

Sachin Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Case Narrative 22
Method Summary 23
Sample Summary 24
Client Sample Results 25
Definitions/Glossary 26
QC Sample Results 27
Default Detection Limits 31
QC Association Summary 32
Lab Chronicle 34
Certification Summary 35
Raw Data 36
Chain of Custody 356
Receipt Checklists 357

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-53710-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		05/03/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 77687 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?		X			1
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?			X		
		Were blanks analyzed at the appropriate frequency?			X		
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			X		
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 77687 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 77687 - pH

ER #[1]	DESCRIPTION
1	The EPA has clarified that the Analyzed Immediately holding time is fifteen minutes from sample collection time. As a result, the holding times for pH had already expired by the time the samples arrived at our laboratory.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77742- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77742- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77742- Ignitability (Flashpoint)

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77652 - Reactivity, Cyanide and Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77652 - Reactivity, Cyanide and Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77652 - Reactivity, Cyanide and Sulfide

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/03/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77589(SPLP), 77850(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for Soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all Soil and sediment samples?	X				
		Were bulk Soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			4
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/03/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77589(SPLP), 77850(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			5
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 05/03/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77589(SPLP), 77850(Soil)- ICP

ER #[1]	DESCRIPTION
1	Barium was detected above the MDL, but below the MQL in the leachate blank for batch 77501. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
2	The lead recoveries in samples 53710-1 MS and MSD were outside acceptance limits, but were not flagged due to the background sample result being greater than four times the spike added concentration. Method performance is demonstrated by acceptable LCS recoveries.
3	The lead RPD between samples 53710-1 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
4	The lead RPD between samples 53710-1 and 53710-1 MD was above acceptance limits due to the non-homogenous nature of the samples.
5	The lead percent difference between samples 53710-1 and 53710-1 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77591- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77591- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 05/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77591- Mercury

ER #[1]	DESCRIPTION

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALS Batches:	75833
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.315	25
Antimony	0.231553	0.45	0.485	2.5
Arsenic	0.217923	0.5	0.43	1
Barium	0.011322	0.03	0.02	1
Beryllium	0.014513	0.02	0.02	0.25
Boron	0.385535	0.6	0.755	20
Cadmium	0.025642	0.05	0.045	0.25
Calcium	0.86399	1.5	2.88	100
Chromium	0.050606	0.1	0.1	0.5
Cobalt	0.067622	0.1	0.095	0.5
Copper	0.173703	0.5	0.43	0.5
Iron	2.534007	4	3.77	20
Lithium	0.007932	0.01	0.04	10
Lead	0.104832	0.2	0.2	0.5
Selenium	0.258884	0.5	0.555	2
Manganese	0.038111	0.05	0.065	1.5
Molybdenum	0.136448	0.35	0.345	0.5
Nickel	0.116599	0.15	0.145	1
Silver	0.118848	0.2	0.19	0.5
Sodium	0.885548	2.4	2.215	100
Strontium	0.00252	0.005	0.965	0.25
Thallium	0.276988	0.7	0.595	1.5
Tin	0.08729	0.15	0.14	1
Titanium	0.014529	0.03	0.045	0.5
Vanadium	0.079068	0.15	0.195	0.5
Zinc	0.108432	0.2	0.34	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALs Batches:	75833
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.008	0.5
Antimony	0.0063	0.01	0.0095	0.05
Arsenic	0.0033	0.01	0.0079	0.01
Barium	0.0022	0.005	0.0049	0.02
Beryllium	0.00134	0.002	0.0042	0.005
Boron	0.0077	0.02	0.0204	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.0589	1
Chromium	0.0016	0.002	0.0043	0.01
Cobalt	0.00063	0.001	0.0011	0.01
Copper	0.0014	0.002	0.0014	0.01
Iron	0.087	0.1	0.1005	0.4
Lithium	0.0024	0.005	0.0054	0.2
Lead	0.0029	0.005	0.0054	0.01
Selenium	0.0042	0.01	0.0084	0.04
Manganese	0.00084	0.002	0.002	0.01
Molybdenum	0.0027	0.005	0.005	0.01
Nickel	0.00179	0.005	0.0049	0.01
Silver	0.0012	0.0025	0.0025	0.01
Sodium	0.02	0.05	0.0559	1
Strontium	0.0005	0.001	0.0011	0.005
Thallium	0.0078	0.02	0.0195	0.03
Tin	0.0028	0.005	0.0048	0.01
Titanium	0.0011	0.002	0.0018	0.01
Vanadium	0.0017	0.002	0.0048	0.01
Zinc	0.0022	0.005	0.0064	0.01

Detection Check Standard

Matrix:	Water
Method:	7470, 245.1
Preparation:	7470p, 245.1p
Date Analyzed:	2/28/2012
Date Prepared:	2/28/2012
Instrument:	FIMS100
TALs Batches:	73427
Units:	ug/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	0.026	0.0625	0.0296	0.2

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Job ID: 600-53710-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-53710-1

Comments
No additional comments.

Receipt
The sample was received on 4/18/2012 9:56 AM; the sample arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.90 C.

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
7470A	Mercury (CVAA)	SW846	TAL HOU
7.4.4	Reactive Sulfide	EPA	TAL HOU
9012	Cyanide, Reactive	SW846	TAL HOU
9045C	Corrosivity	SW846	TAL HOU
D92	Flashpoint	ASTM	TAL HOU
Moisture	Percent Moisture	EPA	TAL HOU

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-53710-1	IDW-4	Solid	04/17/12 13:00	04/18/12 09:56

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Client Sample ID: IDW-4
Date Collected: 04/17/12 13:00
Date Received: 04/18/12 09:56

Lab Sample ID: 600-53710-1
Matrix: Solid
Percent Solids: 81.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1560**		0.605	0.127	mg/Kg	☼	04/24/12 11:27	04/24/12 16:00	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	**4.83**		0.100	0.0290	mg/L		04/20/12 06:47	04/23/12 11:35	1
Cr	0.0155	U	0.100	0.0155	mg/L		04/20/12 06:47	04/23/12 11:35	1
Cd	**0.0113**	**J**	0.0500	0.00350	mg/L		04/20/12 06:47	04/23/12 11:35	1
Ba	**0.706**	**b**	0.200	0.0220	mg/L		04/20/12 06:47	04/23/12 11:35	1
As	0.0328	U	0.100	0.0328	mg/L		04/20/12 06:47	04/23/12 11:35	1
Ag	0.0125	U	0.100	0.0125	mg/L		04/20/12 06:47	04/23/12 11:35	1
Se	0.0417	U	0.400	0.0417	mg/L		04/20/12 06:47	04/23/12 11:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0260	U	0.200	0.0260	ug/L		04/20/12 07:57	04/20/12 13:31	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		04/20/12 13:58	04/20/12 14:15	1
Cyanide, Reactive	85.5	U	250	85.5	ug/Kg		04/20/12 13:58	04/20/12 14:57	1
pH	**8.22**		0.0100	0.0100	SU			04/21/12 15:00	1
Flashpoint	**>212**		1.00	1.00	Degrees F			04/23/12 09:15	1
Percent Moisture	**19**		1.0	1.0	%			04/19/12 15:30	1
Percent Solids	**81**		1.0	1.0	%			04/19/12 15:30	1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
F	Duplicate RPD exceeds the control limit
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
N	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-77589/1-A
Matrix: Solid
Analysis Batch: 77743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77589

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.00155	U	0.0100	0.00155	mg/L		04/20/12 06:47	04/23/12 10:49	1
Pb	0.00290	U	0.0100	0.00290	mg/L		04/20/12 06:47	04/23/12 10:49	1
Cd	0.000350	U	0.00500	0.000350	mg/L		04/20/12 06:47	04/23/12 10:49	1
Ba	0.00220	U	0.0200	0.00220	mg/L		04/20/12 06:47	04/23/12 10:49	1
As	0.00328	U	0.0100	0.00328	mg/L		04/20/12 06:47	04/23/12 10:49	1
Ag	0.00125	U	0.0100	0.00125	mg/L		04/20/12 06:47	04/23/12 10:49	1
Se	0.00417	U	0.0400	0.00417	mg/L		04/20/12 06:47	04/23/12 10:49	1

Lab Sample ID: LCS 600-77589/2-A
Matrix: Solid
Analysis Batch: 77743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	1.00	1.001		mg/L		100	80 - 120
Pb	1.00	1.004		mg/L		100	80 - 120
Cd	0.500	0.5055		mg/L		101	80 - 120
Ba	1.00	0.9976		mg/L		100	80 - 120
As	1.00	1.007		mg/L		101	80 - 120
Ag	0.500	0.5046		mg/L		101	80 - 120
Se	1.00	0.9992		mg/L		100	80 - 120

Lab Sample ID: MB 600-77850/14-A
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77850

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.105	U	0.500	0.105	mg/Kg		04/24/12 13:09	04/24/12 15:45	1

Lab Sample ID: MB 600-77850/1-A
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77850

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.105	U	0.500	0.105	mg/Kg		04/24/12 11:27	04/24/12 15:37	1

Lab Sample ID: LCS 600-77850/2-A
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	144	131.9		mg/Kg		92	79 - 121

Lab Sample ID: 600-53710-1 MS
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: IDW-4
Prep Type: Total/NA
Prep Batch: 77850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1560		59.4	728.2	4	mg/Kg	☼	-1409	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-53710-1 MSD
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: IDW-4
Prep Type: Total/NA
Prep Batch: 77850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1560		59.9	1627	4 N	mg/Kg	☼	104	75 - 125	76	20

Lab Sample ID: 600-53710-1 DU
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: IDW-4
Prep Type: Total/NA
Prep Batch: 77850

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	1560		4430	F	mg/Kg	☼	96	20

Lab Sample ID: LB 600-77501/1-C LB
Matrix: Solid
Analysis Batch: 77743

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 77589

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.0155	U	0.100	0.0155	mg/L		04/20/12 06:47	04/23/12 11:16	1
Pb	0.0290	U	0.100	0.0290	mg/L		04/20/12 06:47	04/23/12 11:16	1
Cd	0.00350	U	0.0500	0.00350	mg/L		04/20/12 06:47	04/23/12 11:16	1
Ba	0.09530	J	0.200	0.0220	mg/L		04/20/12 06:47	04/23/12 11:16	1
As	0.0328	U	0.100	0.0328	mg/L		04/20/12 06:47	04/23/12 11:16	1
Ag	0.0125	U	0.100	0.0125	mg/L		04/20/12 06:47	04/23/12 11:16	1
Se	0.0417	U	0.400	0.0417	mg/L		04/20/12 06:47	04/23/12 11:16	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-77591/7-A
Matrix: Solid
Analysis Batch: 77659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77591

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0260	U	0.200	0.0260	ug/L		04/20/12 07:57	04/20/12 13:24	1

Lab Sample ID: LCS 600-77591/8-A
Matrix: Solid
Analysis Batch: 77659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	2.942		ug/L		98	70 - 130

Lab Sample ID: LB 600-77501/1-D LB
Matrix: Solid
Analysis Batch: 77659

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 77591

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0260	U	0.200	0.0260	ug/L		04/20/12 07:57	04/20/12 13:27	1

Lab Sample ID: 600-53710-1 MS
Matrix: Solid
Analysis Batch: 77659

Client Sample ID: IDW-4
Prep Type: TCLP
Prep Batch: 77591

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0260	U	3.00	3.119		ug/L		104	75 - 125

Lab Sample ID: 600-53710-1 DU
Matrix: Solid
Analysis Batch: 77659

Client Sample ID: IDW-4
Prep Type: TCLP
Prep Batch: 77591

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.0260	U	0.0260	U	ug/L		NC	20

Method: 7.4.4 - Reactive Sulfide

Lab Sample ID: MB 600-77652/1-A
Matrix: Solid
Analysis Batch: 77665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77652

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		04/20/12 13:58	04/20/12 14:15	1

Lab Sample ID: LCS 600-77652/2-A
Matrix: Solid
Analysis Batch: 77665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	2060	14.0	U	mg/Kg		0	0 - 100

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-77652/1-A
Matrix: Solid
Analysis Batch: 77795

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77652

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	85.5	U	250	85.5	ug/Kg		04/20/12 13:58	04/20/12 14:57	1

Lab Sample ID: LCS 600-77652/2-A
Matrix: Solid
Analysis Batch: 77795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	59830		ug/Kg		6	0 - 100

Method: 9045C - Corrosivity

Lab Sample ID: LCS 600-77687/25
Matrix: Solid
Analysis Batch: 77687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

Method: D92 - Flashpoint

Lab Sample ID: MB 600-77742/1
Matrix: Solid
Analysis Batch: 77742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			04/23/12 09:15	1

Method: D92 - Flashpoint (Continued)

Lab Sample ID: LCS 600-77742/2
Matrix: Solid
Analysis Batch: 77742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	81.82		Degrees F		101	96.9 - 103.1 09		

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Lead	0.500	0.105	mg/Kg	6010B

Method: 6010B - Metals (ICP) - TCLP

Analyte	MQL	MDL	Units	Method
Ag	0.0100	0.00125	mg/L	6010B
As	0.0100	0.00328	mg/L	6010B
Ba	0.0200	0.00220	mg/L	6010B
Cd	0.00500	0.000350	mg/L	6010B
Cr	0.0100	0.00155	mg/L	6010B
Pb	0.0100	0.00290	mg/L	6010B
Se	0.0400	0.00417	mg/L	6010B

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	MQL	MDL	Units	Method
Mercury	0.200	0.0260	ug/L	7470A

General Chemistry

Analyte	MQL	MDL	Units	Method
Sulfide, Reactive	50.0	14.0	mg/Kg	7.4.4
Cyanide, Reactive	250	85.5	ug/Kg	9012
pH	0.0100	0.0100	SU	9045C
Flashpoint	1.00	1.00	Degrees F	D92
Percent Moisture	1.0	1.0	%	Moisture
Percent Solids	1.0	1.0	%	Moisture

Metals

Leach Batch: 77501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	1311	
600-53710-1 DU	IDW-4	TCLP	Solid	1311	
600-53710-1 MS	IDW-4	TCLP	Solid	1311	
LB 600-77501/1-C LB	Method Blank	TCLP	Solid	1311	
LB 600-77501/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 77589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	3010A	77501
LB 600-77501/1-C LB	Method Blank	TCLP	Solid	3010A	77501
LCS 600-77589/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-77589/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 77591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	7470A	77501
600-53710-1 DU	IDW-4	TCLP	Solid	7470A	77501
600-53710-1 MS	IDW-4	TCLP	Solid	7470A	77501
LB 600-77501/1-D LB	Method Blank	TCLP	Solid	7470A	77501
LCS 600-77591/8-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-77591/7-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 77659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	7470A	77591
600-53710-1 DU	IDW-4	TCLP	Solid	7470A	77591
600-53710-1 MS	IDW-4	TCLP	Solid	7470A	77591
LB 600-77501/1-D LB	Method Blank	TCLP	Solid	7470A	77591
LCS 600-77591/8-A	Lab Control Sample	Total/NA	Solid	7470A	77591
MB 600-77591/7-A	Method Blank	Total/NA	Solid	7470A	77591

Analysis Batch: 77743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	6010B	77589
LB 600-77501/1-C LB	Method Blank	TCLP	Solid	6010B	77589
LCS 600-77589/2-A	Lab Control Sample	Total/NA	Solid	6010B	77589
MB 600-77589/1-A	Method Blank	Total/NA	Solid	6010B	77589

Analysis Batch: 77847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	6010B	77850
600-53710-1 DU	IDW-4	Total/NA	Solid	6010B	77850
600-53710-1 MS	IDW-4	Total/NA	Solid	6010B	77850
600-53710-1 MSD	IDW-4	Total/NA	Solid	6010B	77850
LCS 600-77850/2-A	Lab Control Sample	Total/NA	Solid	6010B	77850
MB 600-77850/14-A	Method Blank	Total/NA	Solid	6010B	77850
MB 600-77850/1-A	Method Blank	Total/NA	Solid	6010B	77850

Prep Batch: 77850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	3050B	
600-53710-1 DU	IDW-4	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 77850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1 MS	IDW-4	Total/NA	Solid	3050B	
600-53710-1 MSD	IDW-4	Total/NA	Solid	3050B	
LCS 600-77850/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-77850/14-A	Method Blank	Total/NA	Solid	3050B	
MB 600-77850/1-A	Method Blank	Total/NA	Solid	3050B	

General Chemistry

Analysis Batch: 77568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	Moisture	

Prep Batch: 77652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	7.3.4	
600-53710-1	IDW-4	Total/NA	Solid	7.3.3	
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 600-77652/1-A	Method Blank	Total/NA	Solid	7.3.4	
MB 600-77652/1-A	Method Blank	Total/NA	Solid	7.3.3	

Analysis Batch: 77665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	7.4.4	77652
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	7.4.4	77652
MB 600-77652/1-A	Method Blank	Total/NA	Solid	7.4.4	77652

Analysis Batch: 77687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	9045C	
LCS 600-77687/25	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 77742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	D92	
LCS 600-77742/2	Lab Control Sample	Total/NA	Solid	D92	
MB 600-77742/1	Method Blank	Total/NA	Solid	D92	

Analysis Batch: 77795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	9012	77652
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	9012	77652
MB 600-77652/1-A	Method Blank	Total/NA	Solid	9012	77652

Client Sample ID: IDW-4
Date Collected: 04/17/12 13:00
Date Received: 04/18/12 09:56

Lab Sample ID: 600-53710-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			77501	04/18/12 18:00	SRP	TAL HOU
TCLP	Prep	7470A			77591	04/20/12 07:57	SRP	TAL HOU
TCLP	Analysis	7470A		1	77659	04/20/12 13:31	SRP	TAL HOU
TCLP	Prep	3010A			77589	04/20/12 06:47	DCL	TAL HOU
TCLP	Analysis	6010B		1	77743	04/23/12 11:35	DCL	TAL HOU
Total/NA	Prep	3050B			77850	04/24/12 11:27	NER	TAL HOU
Total/NA	Analysis	6010B		1	77847	04/24/12 16:00	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	77568	04/19/12 15:30	KRD	TAL HOU
Total/NA	Prep	7.3.4			77652	04/20/12 13:58	NT	TAL HOU
Total/NA	Analysis	7.4.4		1	77665	04/20/12 14:15	GCW	TAL HOU
Total/NA	Analysis	9045C		1	77687	04/21/12 15:00	MB	TAL HOU
Total/NA	Analysis	D92		1	77742	04/23/12 09:15	MB	TAL HOU
Total/NA	Prep	7.3.3			77652	04/20/12 13:58	NT	TAL HOU
Total/NA	Analysis	9012		1	77795	04/20/12 14:57	BDG	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAC	6	30643
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAC	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW-4	600-53710-1

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: DRY Date Received: 04/18/2012 09:56

% Solids: 81.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	1560	0.605	0.127	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: WET Date Received: 04/18/2012 09:56

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	4.83	0.100	0.0290	mg/L			1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.0113	0.0500	0.00350	mg/L	J		1	6010B
7440-39-3	Ba	0.706	0.200	0.0220	mg/L		b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0417	0.400	0.0417	mg/L	U		1	6010B
7439-97-6	Mercury	0.0260	0.200	0.0260	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MET0412CCV_00004 Concentration Units: mg/L

CCV Source: MET0412CCV_00004

Analyte	ICV 600-77743/4 04/23/2012 10:00				CCV 600-77743/9 04/23/2012 10:19				CCV 600-77743/21 04/23/2012 11:28			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2469		0.250	99	0.2476		0.250	99	0.2514		0.250	101
As	0.4988		0.500	100	0.4994		0.500	100	0.5134		0.500	103
Ba	0.4941		0.500	99	0.4927		0.500	99	0.5026		0.500	101
Cd	0.5042		0.500	101	0.5042		0.500	101	0.5172		0.500	103
Cr	0.5012		0.500	100	0.5018		0.500	100	0.5013		0.500	100
Pb	0.5011		0.500	100	0.5031		0.500	101	0.5100		0.500	102
Se	0.5054		0.500	101	0.5085		0.500	102	0.5088		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MET0412CCV_00004 Concentration Units: mg/L

CCV Source: MET0412CCV_00004

Analyte	CCV 600-77743/33 04/23/2012 12:15				CCV 600-77743/44 04/23/2012 12:58							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2518		0.250	101	0.2499		0.250	100				
As	0.5107		0.500	102	0.5045		0.500	101				
Ba	0.5075		0.500	101	0.5086		0.500	102				
Cd	0.5212		0.500	104	0.5229		0.500	105				
Cr	0.4939		0.500	99	0.4846		0.500	97				
Pb	0.5074		0.500	101	0.5007		0.500	100				
Se	0.5031		0.500	101	0.4926		0.500	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MER0412S2_00016 Concentration Units: ug/L

CCV Source: MER0412S2_00016

Analyte	ICV 600-77659/8 04/20/2012 13:14				CCV 600-77659/11 04/20/2012 13:19				CCV 600-77659/23 04/20/2012 13:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.999		3.00	100	3.076		3.00	103	2.963		3.00	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MER0412S2_00016 Concentration Units: ug/L

CCV Source: MER0412S2_00016

Analyte	CCV 600-77659/35 04/20/2012 14:05				CCV 600-77659/43 04/20/2012 14:21							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.943		3.00	98	2.975		3.00	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-77743/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.009910	J	99	50-150
Pb	0.0100	0.009300	J	93	50-150
Cd	0.00500	0.005310		106	50-150
Ba	0.0100	0.009640	J	96	50-150
As	0.0100	0.009320	J	93	50-150
Ag	0.00500	0.004710	J	94	50-150
Se	0.0100	0.01127	J	113	50-150

Lab Sample ID: CRI 600-77847/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.009350	J	94	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Method: 7470A Instrument ID: FIMS01

Lab Sample ID: CRA 600-77659/10 Concentration Units: ug/L

CRQL Check Standard Source: MER0412S1_00016

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.1638	J	82	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-77743/5 04/23/2012 10:03		CCB 600-77743/10 04/23/2012 10:23		CCB 600-77743/22 04/23/2012 11:32		CCB 600-77743/34 04/23/2012 12:19	
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
As	0.0100	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Ba	0.0200	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Cd	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Cr	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Pb	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Se	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-77743/45 04/23/2012 13:02							
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U						
As	0.0100	0.00328	U						
Ba	0.0200	0.00220	U						
Cd	0.00500	0.000350	U						
Cr	0.0100	0.00155	U						
Pb	0.0100	0.00290	U						
Se	0.0400	0.00417	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-77847/5 04/24/2012 09:20		CCB 600-77847/65 04/24/2012 13:29		CCB 600-77847/77 04/24/2012 16:19		CCB 600-77847/81 04/24/2012 16:35	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 600-77659/9 04/20/2012 13:15		CCB 600-77659/12 04/20/2012 13:22		CCB 600-77659/24 04/20/2012 13:44		CCB 600-77659/36 04/20/2012 14:07	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U	0.0260	U	0.0260	U	0.0260	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 600-77659/44 04/20/2012 14:23							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-77589/1-A

Instrument Code: TJA1 Batch No.: 77743

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.00155	U		6010B
7439-92-1	Pb	0.00290	U		6010B
7440-43-9	Cd	0.000350	U		6010B
7440-39-3	Ba	0.00220	U		6010B
7440-38-2	As	0.00328	U		6010B
7440-22-4	Ag	0.00125	U		6010B
7782-49-2	Se	0.00417	U		6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-77501/1-C

Instrument Code: TJA1 Batch No.: 77743

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.0155	U		6010B
7439-92-1	Pb	0.0290	U		6010B
7440-43-9	Cd	0.00350	U		6010B
7440-39-3	Ba	0.09530	J		6010B
7440-38-2	As	0.0328	U		6010B
7440-22-4	Ag	0.0125	U		6010B
7782-49-2	Se	0.0417	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-77850/1-A

Instrument Code: TJA1 Batch No.: 77847

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-77850/14-A

Instrument Code: TJA1 Batch No.: 77847

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 600-77591/7-A

Instrument Code: FIMS01 Batch No.: 77659

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

FORM III-IN

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 600-77501/1-D

Instrument Code: FIMS01 Batch No.: 77659

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSA 600-77743/7 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**0.0010**	
As		**0.0000**	
Ba		**0.0017**	
Cd		**-0.0053**	
Cr		**0.0018**	
Pb		**0.0010**	
Se		**-0.0056**	
Aluminum	*500*	*507*	*101*
Antimony		*-0.0026*	
Beryllium		*0.0001*	
Boron		*-0.0019*	
Calcium	*500*	*458*	*92*
Cobalt		*-0.0001*	
Copper		*0.0138*	
Iron	*200*	*196*	*98*
Lithium		*0.0049*	
Magnesium	*500*	*514*	*103*
Manganese		*-0.0076*	
Molybdenum		*0.0006*	
Nickel		*0.0009*	
Potassium		*0.413*	
Silicon		*0.0182*	
Sodium		*0.207*	
Strontium		*-0.0091*	
Thallium		*-0.0206*	
Tin		*-0.0038*	
Titanium		*-0.0038*	
Vanadium		*0.0030*	
Zinc		*-0.0032*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSAB 600-77743/8 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.550**	**110**
As	**1.00**	**1.03**	**103**
Ba	**1.00**	**1.04**	**104**
Cd	**0.500**	**0.473**	**95**
Cr	**1.00**	**0.999**	**100**
Pb	**1.00**	**1.00**	**100**
Se	**1.00**	**1.03**	**103**
Aluminum	*510*	*518*	*102*
Antimony	*1.00*	*1.04*	*104*
Beryllium	*0.500*	*0.506*	*101*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*466*	*91*
Cobalt	*1.00*	*0.961*	*96*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*207*	*98*
Lithium	*1.00*	*1.16*	*116*
Magnesium	*510*	*526*	*103*
Manganese	*1.00*	*0.995*	*100*
Molybdenum	*1.00*	*1.02*	*102*
Nickel	*1.00*	*0.939*	*94*
Potassium	*10.0*	*14.2*	*142*
Silicon	*1.00*	*1.04*	*104*
Sodium	*10.0*	*13.3*	*133*
Strontium	*0.500*	*0.498*	*100*
Thallium	*1.00*	*0.982*	*98*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*1.03*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSA 600-77743/84 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.0003**	
As		**0.0001**	
Ba		**0.0019**	
Cd		**-0.0090**	
Cr		**0.0010**	
Pb		**0.0022**	
Se		**-0.0145**	
Aluminum	*500*	*485*	*97*
Antimony		*0.0004*	
Beryllium		*-0.0015*	
Boron		*-0.0003*	
Calcium	*500*	*450*	*90*
Cobalt		*0.0000*	
Copper		*0.0087*	
Iron	*200*	*207*	*103*
Lithium		*0.0053*	
Magnesium	*500*	*488*	*98*
Manganese		*-0.0069*	
Molybdenum		*-0.0002*	
Nickel		*0.0007*	
Potassium		*0.416*	
Silicon		*0.0058*	
Sodium		*0.238*	
Strontium		*-0.0088*	
Thallium		*0.0222*	
Tin		*-0.0027*	
Titanium		*-0.0040*	
Vanadium		*0.0044*	
Zinc		*-0.0081*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSAB 600-77743/85 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.559**	**112**
As	**1.00**	**1.08**	**108**
Ba	**1.00**	**1.15**	**115**
Cd	**0.500**	**0.520**	**104**
Cr	**1.00**	**0.938**	**94**
Pb	**1.00**	**1.01**	**101**
Se	**1.00**	**1.00**	**100**
Aluminum	*510*	*499*	*98*
Antimony	*1.00*	*1.15*	*115*
Beryllium	*0.500*	*0.457*	*91*
Boron	*1.00*	*1.16*	*116*
Calcium	*510*	*461*	*90*
Cobalt	*1.00*	*0.897*	*90*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*219*	*104*
Lithium	*1.00*	*1.29*	*129*
Magnesium	*510*	*503*	*99*
Manganese	*1.00*	*0.988*	*99*
Molybdenum	*1.00*	*1.05*	*105*
Nickel	*1.00*	*1.07*	*107*
Potassium	*10.0*	*15.8*	*158*
Silicon	*1.00*	*1.06*	*106*
Sodium	*10.0*	*14.5*	*145*
Strontium	*0.500*	*0.557*	*111*
Thallium	*1.00*	*1.19*	*119*
Tin	*1.00*	*0.975*	*98*
Titanium	*1.00*	*1.05*	*105*
Vanadium	*1.00*	*0.979*	*98*
Zinc	*1.00*	*1.10*	*110*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSA 600-77847/7 Instrument ID: TJA1

Lab File ID: A042412 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Lead		**0.0019**	
Aluminum	*500*	*514*	*103*
Antimony		*0.0018*	
Arsenic		*0.0011*	
Barium		*0.0018*	
Beryllium		*0.0000*	
Boron		*-0.0016*	
Cadmium		*-0.0050*	
Calcium	*500*	*460*	*92*
Chromium		*0.0017*	
Cobalt		*-0.0001*	
Copper		*0.0127*	
Iron	*200*	*197*	*99*
Lithium		*0.0041*	
Magnesium	*500*	*518*	*104*
Manganese		*-0.0076*	
Molybdenum		*0.0011*	
Nickel		*0.0007*	
Potassium		*0.0966*	
Selenium		*-0.0018*	
Silicon		*0.0144*	
Silver		*0.0002*	
Sodium		*0.178*	
Strontium		*-0.0091*	
Thallium		*-0.0127*	
Tin		*-0.0021*	
Titanium		*-0.0036*	
Vanadium		*0.0031*	
Zinc		*-0.0045*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSAB 600-77847/8 Instrument ID: TJA1

Lab File ID: A042412 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.988**	**99**
Aluminum	*510*	*517*	*101*
Antimony	*1.00*	*1.04*	*104*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.04*	*104*
Beryllium	*0.500*	*0.499*	*100*
Boron	*1.00*	*1.05*	*105*
Cadmium	*0.500*	*0.469*	*94*
Calcium	*510*	*461*	*90*
Chromium	*1.00*	*0.986*	*99*
Cobalt	*1.00*	*0.951*	*95*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.16*	*116*
Magnesium	*510*	*521*	*102*
Manganese	*1.00*	*0.983*	*98*
Molybdenum	*1.00*	*1.01*	*101*
Nickel	*1.00*	*0.928*	*93*
Potassium	*10.0*	*14.1*	*141*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.05*	*105*
Silver	*0.500*	*0.546*	*109*
Sodium	*10.0*	*13.3*	*133*
Strontium	*0.500*	*0.498*	*100*
Thallium	*1.00*	*0.987*	*99*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: IDW-4 MS
Lab ID: 600-53710-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 81.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	728.2		1560		59.4	-1409	75-125	4	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: IDW-4 MS
Lab ID: 600-53710-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
Matrix: Solid
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	3.119		0.0260	U	3.00	104	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: IDW-4 MSD
Lab ID: 600-53710-1 MSD
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 81.0

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	1627		59.9	104	75-125	76	20	4 N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: IDW-4 PDS | Lab ID: 600-53710-1 PDS

Lab Name: TestAmerica Houston | Job No.: 600-53710-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	1639		1560		60.5	NC	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: IDW-4 DU
Lab ID: 600-53710-1 DU
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
% Solids for Sample: 81.0
% Solids for Duplicate: 81.0
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.588	1560		4430		96	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TCLP

Client ID: IDW-4 DU | Lab ID: 600-53710-1 DU

Lab Name: TestAmerica Houston | Job No.: 600-53710-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Solid | Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.200	0.0260	U	0.0260	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-77589/2-A

Lab Name: TestAmerica Houston Job No.: 600-53710-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cr	1.00	1.001		100	80	120		6010B
Pb	1.00	1.004		100	80	120		6010B
Cd	0.500	0.5055		101	80	120		6010B
Ba	1.00	0.9976		100	80	120		6010B
As	1.00	1.007		101	80	120		6010B
Ag	0.500	0.5046		101	80	120		6010B
Se	1.00	0.9992		100	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-77850/2-A

Lab Name: TestAmerica Houston Job No.: 600-53710-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	144	131.9		92	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-77591/8-A

Lab Name: TestAmerica Houston Job No.: 600-53710-1

Sample Matrix: Water LCS Source: MER0412S2_00015

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	3.00	2.942		98	70	130		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-53710-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-53710-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	1560		1934		24	*	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 600-53710-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-53710-1

Matrix: Solid Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.0260	U	0.130	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

FORM IX - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

FORM IX - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-53710-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Pb		50	6010B
Cr		50	6010B
Lead		50	6010B
Cd		25	6010B
Ba		50	6010B
As		50	6010B
Ag		5	6010B
Se		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77589/1-A	04/20/2012 06:47	77589		50	50
LCS 600-77589/2-A	04/20/2012 06:47	77589		50	50
LB 600-77501/1-C	04/20/2012 06:47	77589		5	50
600-53710-1	04/20/2012 06:47	77589		5	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-77850/1-A	04/24/2012 11:27	77850	1.00		50
LCS 600-77850/2-A	04/24/2012 11:27	77850	0.50		50
600-53710-1	04/24/2012 11:27	77850	1.02		50
600-53710-1 DU	04/24/2012 11:27	77850	1.05		50
600-53710-1 MS	04/24/2012 11:27	77850	1.04		50
600-53710-1 MSD	04/24/2012 11:27	77850	1.03		50
MB 600-77850/14-A	04/24/2012 13:09	77850	1.00		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77591/7-A	04/20/2012 07:57	77591		40	40
LCS 600-77591/8-A	04/20/2012 07:57	77591		50	50
LB 600-77501/1-D	04/20/2012 07:57	77591		40	40
600-53710-1	04/20/2012 07:57	77591		40	40
600-53710-1 DU	04/20/2012 07:57	77591		40	40
600-53710-1 MS	04/20/2012 07:57	77591		40	40

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/23/2012 09:43 End Date: 04/23/2012 16:13

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	As	Ba	Cd	Cr	Pb	Se														
ZZZZZZ			09:43																					
STD 600-77743/2 IC			09:51	X	X	X	X	X	X	X														
ZZZZZZ			09:56																					
ICV 600-77743/4	1		10:00	X	X	X	X	X	X	X														
ICB 600-77743/5	1		10:03	X	X	X	X	X	X	X														
CRI 600-77743/6	1		10:07	X	X	X	X	X	X	X														
ICSA 600-77743/7	1		10:11	X	X	X	X	X	X	X														
ICSAB 600-77743/8	1		10:15	X	X	X	X	X	X	X														
CCV 600-77743/9	1		10:19	X	X	X	X	X	X	X														
CCB 600-77743/10	1		10:23	X	X	X	X	X	X	X														
MB 600-77589/1-A	1	T	10:49	X	X	X	X	X	X	X														
LCS 600-77589/2-A	1	T	10:53	X	X	X	X	X	X	X														
ZZZZZZ			10:57																					
ZZZZZZ			11:01																					
ZZZZZZ			11:05																					
ZZZZZZ			11:08																					
ZZZZZZ			11:12																					
LB 600-77501/1-C	1	P	11:16	X	X	X	X	X	X	X														
ZZZZZZ			11:20																					
ZZZZZZ			11:24																					
CCV 600-77743/21	1		11:28	X	X	X	X	X	X	X														
CCB 600-77743/22	1		11:32	X	X	X	X	X	X	X														
600-53710-1	1	P	11:35	X	X	X	X	X	X	X														
ZZZZZZ			11:39																					
ZZZZZZ			11:43																					
ZZZZZZ			11:47																					
ZZZZZZ			11:51																					
ZZZZZZ			11:55																					
ZZZZZZ			11:59																					
ZZZZZZ			12:03																					
ZZZZZZ			12:07																					
ZZZZZZ			12:11																					
CCV 600-77743/33	1		12:15	X	X	X	X	X	X	X														
CCB 600-77743/34	1		12:19	X	X	X	X	X	X	X														
ZZZZZZ			12:23																					
ZZZZZZ			12:27																					
ZZZZZZ			12:31																					
ZZZZZZ			12:34																					
ZZZZZZ			12:38																					
ZZZZZZ			12:42																					
ZZZZZZ			12:46																					
ZZZZZZ			12:50																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/23/2012 09:43 End Date: 04/23/2012 16:13

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	As	Ba	Cd	Cr	Pb	Se														
ZZZZZZ			12:54																					
CCV 600-77743/44	1		12:58	X	X	X	X	X	X	X														
CCB 600-77743/45	1		13:02	X	X	X	X	X	X	X														
ZZZZZZ			13:23																					
ZZZZZZ			13:27																					
ZZZZZZ			13:31																					
ZZZZZZ			13:34																					
ZZZZZZ			13:38																					
ZZZZZZ			13:42																					
ZZZZZZ			13:46																					
ZZZZZZ			13:50																					
ZZZZZZ			13:54																					
ZZZZZZ			13:58																					
CCV 600-77743/56			14:01																					
CCB 600-77743/57			14:05																					
ZZZZZZ			14:09																					
ZZZZZZ			14:13																					
ZZZZZZ			14:17																					
ZZZZZZ			14:21																					
ZZZZZZ			14:25																					
ZZZZZZ			14:29																					
CCV 600-77743/64			14:32																					
CCB 600-77743/65			14:36																					
ZZZZZZ			14:46																					
ZZZZZZ			14:50																					
ZZZZZZ			14:56																					
ZZZZZZ			15:00																					
ZZZZZZ			15:04																					
ZZZZZZ			15:08																					
ZZZZZZ			15:12																					
ZZZZZZ			15:16																					
ZZZZZZ			15:20																					
ZZZZZZ			15:23																					
CCV 600-77743/76			15:27																					
CCB 600-77743/77			15:31																					
ZZZZZZ			15:35																					
ZZZZZZ			15:39																					
ZZZZZZ			15:43																					
ZZZZZZ			15:47																					
CCV 600-77743/82			15:50																					
CCB 600-77743/83			15:54																					
ICSA 600-77743/84	1		16:09	X	X	X	X	X	X	X														

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/23/2012 09:43 End Date: 04/23/2012 16:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ICSAB 600-77743/85	1		16:13	X	X	X	X	X	X	X													

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/24/2012 09:04 End Date: 04/24/2012 18:04

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			09:04																					
STD 600-77847/2 IC			09:08	X																				
ZZZZZZ			09:13																					
ICV 600-77847/4			09:17																					
ICB 600-77847/5	1		09:20	X																				
CRI 600-77847/6	1		09:24	X																				
ICSA 600-77847/7	1		09:28	X																				
ICSAB 600-77847/8	1		09:32	X																				
CCV 600-77847/9			09:36																					
CCB 600-77847/10			09:40																					
ZZZZZZ			09:54																					
ZZZZZZ			09:58																					
ZZZZZZ			10:02																					
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:13																					
ZZZZZZ			10:17																					
ZZZZZZ			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:29																					
CCV 600-77847/21			10:33																					
CCB 600-77847/22			10:36																					
ZZZZZZ			10:40																					
ZZZZZZ			10:44																					
ZZZZZZ			10:48																					
ZZZZZZ			10:52																					
ZZZZZZ			10:56																					
CCV 600-77847/28			11:00																					
CCB 600-77847/29			11:04																					
ZZZZZZ			11:11																					
ZZZZZZ			11:15																					
ZZZZZZ			11:19																					
ZZZZZZ			11:23																					
ZZZZZZ			11:27																					
ZZZZZZ			11:30																					
ZZZZZZ			11:34																					
ZZZZZZ			11:38																					
ZZZZZZ			11:42																					
ZZZZZZ			11:46																					
CCV 600-77847/40			11:50																					
CCB 600-77847/41			11:54																					
ZZZZZZ			11:57																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/24/2012 09:04 End Date: 04/24/2012 18:04

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			12:01																					
ZZZZZZ			12:05																					
ZZZZZZ			12:09																					
ZZZZZZ			12:13																					
ZZZZZZ			12:17																					
ZZZZZZ			12:21																					
ZZZZZZ			12:25																					
ZZZZZZ			12:29																					
ZZZZZZ			12:33																					
CCV 600-77847/52			12:37																					
CCB 600-77847/53			12:41																					
ZZZZZZ			12:45																					
ZZZZZZ			12:49																					
ZZZZZZ			12:53																					
ZZZZZZ			12:56																					
ZZZZZZ			13:00																					
ZZZZZZ			13:04																					
ZZZZZZ			13:08																					
ZZZZZZ			13:12																					
ZZZZZZ			13:16																					
ZZZZZZ			13:21																					
CCV 600-77847/64	1		13:25	X																				
CCB 600-77847/65	1		13:29	X																				
MB 600-77850/1-A	1	T	15:37	X																				
LCS 600-77850/2-A	1	T	15:41	X																				
MB 600-77850/14-A	1	T	15:45	X																				
ZZZZZZ			15:49																					
ZZZZZZ			15:52																					
ZZZZZZ			15:56																					
600-53710-1	1	T	16:00	X																				
600-53710-1 DU	1	T	16:04	X																				
600-53710-1 MS	1	T	16:08	X																				
600-53710-1 MSD	1	T	16:12	X																				
CCV 600-77847/76	1		16:16	X																				
CCB 600-77847/77	1		16:19	X																				
600-53710-1 PDS	1	T	16:23	X																				
600-53710-1 SD	5	T	16:27	X																				
CCV 600-77847/80	1		16:31	X																				
CCB 600-77847/81	1		16:35	X																				
ZZZZZZ			16:44																					
ZZZZZZ			16:48																					
ZZZZZZ			16:52																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/24/2012 09:04 End Date: 04/24/2012 18:04

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			16:56																					
CCV 600-77847/86			17:00																					
CCB 600-77847/87			17:04																					
ICSA 600-77847/88			17:07																					
ICSAB 600-77847/89			17:11																					
ZZZZZZ			17:21																					
ZZZZZZ			17:25																					
ZZZZZZ			17:29																					
ZZZZZZ			17:33																					
ZZZZZZ			17:37																					
ZZZZZZ			17:41																					
ZZZZZZ			17:45																					
ZZZZZZ			17:48																					
ZZZZZZ			17:52																					
ZZZZZZ			17:56																					
CCV 600-77847/100			18:00																					
CCB 600-77847/101			18:04																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 04/20/2012 12:59 End Date: 04/20/2012 14:23

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			12:59																					
ZZZZZZ			13:01																					
ZZZZZZ			13:03																					
ZZZZZZ			13:05																					
ZZZZZZ			13:07																					
ZZZZZZ			13:08																					
ZZZZZZ			13:11																					
ICV 600-77659/8	1		13:14	X																				
ICB 600-77659/9	1		13:15	X																				
CRA 600-77659/10	1		13:17	X																				
CCV 600-77659/11	1		13:19	X																				
CCB 600-77659/12	1		13:22	X																				
MB 600-77591/7-A	1	T	13:24	X																				
LCS 600-77591/8-A	1	T	13:25	X																				
LB 600-77501/1-D	1	P	13:27	X																				
ZZZZZZ			13:29																					
600-53710-1	1	P	13:31	X																				
600-53710-1 DU	1	P	13:33	X																				
600-53710-1 MS	1	P	13:35	X																				
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					
ZZZZZZ			13:41																					
CCV 600-77659/23	1		13:43	X																				
CCB 600-77659/24	1		13:44	X																				
ZZZZZZ			13:46																					
ZZZZZZ			13:48																					
ZZZZZZ			13:51																					
ZZZZZZ			13:53																					
ZZZZZZ			13:54																					
ZZZZZZ			13:56																					
ZZZZZZ			13:58																					
ZZZZZZ			14:00																					
ZZZZZZ			14:02																					
ZZZZZZ			14:04																					
CCV 600-77659/35	1		14:05	X																				
CCB 600-77659/36	1		14:07	X																				
ZZZZZZ			14:09																					
ZZZZZZ			14:11																					
ZZZZZZ			14:14																					
ZZZZZZ			14:15																					
600-53710-1 SD	5	P	14:17	X																				
ZZZZZZ			14:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 04/20/2012 12:59 End Date: 04/20/2012 14:23

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
CCV 600-77659/43	1		14:21	X																				
CCB 600-77659/44	1		14:23	X																				

Prep Types

P = TCLP

T = Total/NA

Method: 20076010 04/23/12 09:17:15 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A042312	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 04/23/12 09:47:11 AM page 1

Method: 20076010 Standard: S0
Run Time: 04/23/12 09:43:48

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00441	.00200	.00007	.00045	-.01092	.00111	.00110
SDev	.00006	.00138	.00063	.00032	.00020	.00026	.00011
%RSD	1.4176	68.973	870.10	69.410	1.8768	22.915	9.7506
#1	.00446	.00103	.00051	.00068	-.01106	.00093	.00103
#2	.00437	.00298	-.00037	.00023	-.01077	.00129	.00118

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00613	.00008	-.00036	.00476	.00158	.07560	.03870
SDev	.00004	.00005	.00005	.00000	.00113	.00084	.00008
%RSD	.67332	61.158	13.019	.01654	71.214	1.1078	.20659
#1	.00616	.00012	-.00033	.00476	.00238	.07619	.03876
#2	.00610	.00005	-.00039	.00476	.00079	.07501	.03865

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00007	.00007	-.00022	.45739	.03171	-.00016	-.00142
SDev	.00003	.00000	.00110	.00218	.00013	.00039	.00109
%RSD	46.541	.67333	506.53	.47585	.41441	243.75	76.560
#1	.00005	.00007	.00056	.45893	.03181	.00012	-.00065
#2	.00009	.00007	-.00099	.45585	.03162	-.00044	-.00220

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.22898	.00249	-.00106	.00030	-.00096	.00008	.00486
SDev	.00065	.00062	.00006	.00399	.00040	.00002	.00051
%RSD	.28603	25.001	5.3347	1314.5	41.984	20.862	10.469
#1	.22944	.00205	-.00110	.00313	-.00068	.00009	.00450
#2	.22851	.00294	-.00102	-.00252	-.00125	.00007	.00522

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00592	-.00269	-.00448	.00196

SDev	.00546	.00120	.00042	.00014
%RSD	92.256	44.503	9.4636	6.8597
#1	.00978	-.00184	-.00478	.00187
#2	.00206	-.00354	-.00418	.00206

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43057	--	--	--	--	--	--
SDev	289.9138	--	--	--	--	--	--
%RSD	.6733255	--	--	--	--	--	--
#1	42852	--	--	--	--	--	--
#2	43262	--	--	--	--	--	--

Standardization Rpt. 04/23/12 09:54:48 AM page 1

Method: 20076010 Standard: STD
Run Time: 04/23/12 09:51:25

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.82242	.89338	1.0416	11.173	22.189	6.1960	13.388
SDev	.00024	.00103	.0015	.025	.078	.0144	.033
%RSD	.02913	.11468	.14785	.22296	.35225	.23193	.24848
#1	.82225	.89410	1.0405	11.156	22.134	6.1858	13.365
#2	.82259	.89265	1.0427	11.191	22.244	6.2061	13.412

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.7533	2.0842	1.2394	1.1790	4.4493	17.954	1.2423
SDev	.0050	.0058	.0031	.0025	.0188	.018	.0020
%RSD	.18276	.27620	.25293	.21512	.42253	.09952	.16024
#1	2.7497	2.0802	1.2372	1.1772	4.4360	17.967	1.2409
#2	2.7568	2.0883	1.2416	1.1808	4.4626	17.942	1.2437

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.6955	1.4636	6.2004	2.5927	.78814	.68145	.11440
SDev	.0040	.0060	.0053	.0048	.00007	.00158	.00026
%RSD	.23650	.41102	.08503	.18409	.00940	.23146	.22346
#1	1.6926	1.4593	6.1966	2.5961	.78808	.68034	.11422
#2	1.6983	1.4679	6.2041	2.5893	.78819	.68257	.11458

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	14.783	38.409	.29143	2.6065	10.071	.51330	2.9516
SDev	.026	.063	.00178	.0057	.026	.00098	.0046
%RSD	.17630	.16429	.60902	.21784	.25719	.19047	.15642
#1	14.802	38.365	.29017	2.6025	10.053	.51261	2.9483
#2	14.765	38.454	.29268	2.6106	10.090	.51399	2.9549

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.6164	7.2474	1.1409	.96831
SDev	.0068	.0477	.0007	.01282
%RSD	.18748	.65881	.06322	1.3239
#1	3.6116	7.2136	1.1404	.95925
#2	3.6212	7.2812	1.1414	.97738

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42242	--	--	--	--	--	--
SDev	84.85281	--	--	--	--	--	--
%RSD	.2008731	--	--	--	--	--	--
#1	42182	--	--	--	--	--	--
#2	42302	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	24.4634	-.119070	04/23/12 09:51:25
Sb2068	206.838	STD	S0	2.25185	-.005093	04/23/12 09:51:25
As1890	189.042	STD	S0	1.90047	.001076	04/23/12 09:51:25
Ba4934	493.409	STD	S0	.179001	-.000032	04/23/12 09:51:25
Be3130	313.042	STD	S0	.045067	.000639	04/23/12 09:51:25
B_2496	249.678	STD	S0	.322839	-.000304	04/23/12 09:51:25
Cd2265	226.502	STD	S0	.074840	-.000008	04/23/12 09:51:25
Ca3179	317.933	STD	S0	7.27894	-.040840	04/23/12 09:51:25
Cr2677	267.716	STD	S0	.959626	-.000075	04/23/12 09:51:25
Co2286	228.616	STD	S0	1.61315	.000692	04/23/12 09:51:25
Cu3247	324.753	STD	S0	1.70179	-.007478	04/23/12 09:51:25
Fe2714	271.441	STD	S0	4.30659	.010636	04/23/12 09:51:25
Li6707	670.784	STD	S0	.111801	-.007307	04/23/12 09:51:25
Pb2203	220.353		NONE	.000000	.000000	*04/23/12 09:51:25
Se1960	196.026		NONE	.000000	.000000	*04/23/12 09:51:25
Mg2790	279.078	STD	S0	16.5667	-.581481	04/23/12 09:51:25
Mn2576	257.610	STD	S0	1.17986	-.000053	04/23/12 09:51:25
Mo2020	202.030	STD	S0	1.36640	.000139	04/23/12 09:51:25
Ni2316	231.604	STD	S0	.322492	.000433	04/23/12 09:51:25
K_7664	766.491	STD	S0	9.20551	-3.86700	04/23/12 09:51:25
Si2881	288.158	STD	S0	2.61401	-.078609	04/23/12 09:51:25
Ag3280	328.068	STD	S0	1.46732	.000365	04/23/12 09:51:25
Na3302	330.232	STD	S0	171.613	.367497	04/23/12 09:51:25
Na5889	588.995	STD	S0	1.37188	-.281152	04/23/12 09:51:25
Sr4215	421.552	STD	S0	.026047	.000017	04/23/12 09:51:25
Tl1908	190.864	STD	S0	6.85311	.009268	04/23/12 09:51:25
Sn1899	189.989	STD	S0	.767425	-.000329	04/23/12 09:51:25
Ti3349	334.941	STD	S0	.198551	.000291	04/23/12 09:51:25
V_2924	292.402	STD	S0	3.85908	-.000042	04/23/12 09:51:25
Zn2138	213.856	STD	S0	.679413	-.002908	04/23/12 09:51:25
2203/1	220.351	STD	S0	.556735	-.001708	04/23/12 09:51:25
2203/2	220.352	STD	S0	.275015	-.000637	04/23/12 09:51:25
1960/1	196.021	STD	S0	1.74891	.007220	04/23/12 09:51:25
1960/2	196.022	STD	S0	2.06501	-.003741	04/23/12 09:51:25

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 04/23/12 09:54:52 AM page 4

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 04/23/12 09:54:52 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 04/23/12 09:59:57 AM page 1

Method: 20076010 Sample Name: S2 met0412cal_00001 Operator: DCL
Run Time: 04/23/12 09:56:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.864	1.9960	1.9959	1.9930	1.0040	1.9949	.99736

SDev	.014	.0083	.0039	.0058	.0022	.0034	.00235
%RSD	.07254	.41574	.19581	.29222	.21829	.16804	.23602
#1	19.874	2.0019	1.9987	1.9971	1.0056	1.9972	.99902
#2	19.853	1.9901	1.9932	1.9888	1.0025	1.9925	.99569

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.932	1.9990	1.9965	1.9951	19.975	1.9846	1.9926
SDev	.036	.0027	.0048	.0040	.062	.0017	.0008
%RSD	.17956	.13675	.23850	.20234	.30874	.08528	.03813
#1	19.958	2.0009	1.9999	1.9979	20.018	1.9858	1.9932
#2	19.907	1.9971	1.9932	1.9922	19.931	1.9834	1.9921

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9962	19.935	1.9960	1.9960	1.9932	19.750	1.9796
SDev	.0011	.017	.0043	.0080	.0018	.001	.0066
%RSD	.05707	.08387	.21710	.40173	.09142	.00363	.33336
#1	1.9954	19.947	1.9991	1.9904	1.9945	19.749	1.9843
#2	1.9970	19.923	1.9929	2.0017	1.9919	19.750	1.9749

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99676	19.932	19.824	.99530	1.9789	1.9878	1.9990
SDev	.00268	.121	.010	.00290	.0007	.0041	.0045
%RSD	.26912	.60760	.04851	.29122	.03535	.20673	.22658
#1	.99866	20.018	19.818	.99735	1.9794	1.9907	2.0022
#2	.99487	19.846	19.831	.99325	1.9785	1.9849	1.9958

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9952	1.9940	1.9970	1.9905	1.9980	1.9954
SDev	.0040	.0056	.0014	.0004	.0025	.0029
%RSD	.19901	.27862	.07219	.02105	.12393	.14769
#1	1.9980	1.9979	1.9980	1.9907	1.9997	1.9933
#2	1.9924	1.9900	1.9960	1.9902	1.9962	1.9975

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43012	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.2318032	--	--	--	--	--	--

#1	43082	--	--	--	--	--	--
#2	42941	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 10:00:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4594	.49341	.49876	.49406	.50964	.49833	.50421
SDev	.0099	.00162	.00454	.00235	.00261	.00307	.00248
%RSD	.40400	.32905	.91041	.47569	.51236	.61506	.49093
#1	2.4664	.49456	.50197	.49572	.51149	.50050	.50596
#2	2.4524	.49226	.49554	.49239	.50780	.49617	.50246

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.559	.50118	.50342	.50484	2.5544	.45711	.50110
SDev	.058	.00231	.00223	.00292	.0130	.00184	.00148
%RSD	.46358	.46077	.44262	.57903	.50876	.40314	.29619
#1	12.600	.50281	.50500	.50691	2.5636	.45841	.50215
#2	12.518	.49955	.50185	.50277	2.5452	.45581	.50005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50536	5.0396	.49374	.51185	.50511	12.133	.95354
SDev	.00165	.0233	.00243	.00504	.00005	.061	.00368
%RSD	.32667	.46216	.49118	.98497	.01072	.49946	.38602
#1	.50653	5.0561	.49546	.51542	.50507	12.176	.95615
#2	.50420	5.0231	.49203	.50829	.50515	12.090	.95094

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24690	12.663	11.877	.24598	.51323	.50523	.50573
SDev	.00100	.000	.049	.00128	.00104	.00185	.00257
%RSD	.40429	.00362	.41588	.52258	.20300	.36568	.50873
#1	.24760	12.663	11.912	.24689	.51397	.50654	.50755
#2	.24619	12.663	11.842	.24507	.51250	.50392	.50391

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50603	.50759	.50143	.50094	.50503	.50559
SDev	.00160	.00262	.00002	.00223	.00441	.00027
%RSD	.31617	.51698	.00305	.44595	.87376	.05342
#1	.50716	.50945	.50142	.50252	.50815	.50578
#2	.50490	.50573	.50144	.49936	.50191	.50540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 10:03:49 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43122	--	--	--	--	--	--
SDev	166.1701	--	--	--	--	--	--
%RSD	.3853532	--	--	--	--	--	--
#1	43004	--	--	--	--	--	--
#2	43239	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 04/23/12 10:03:52

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01365	-.00323	.00017	.00000	.00018	.00242	.00010
SDev	.00110	.00369	.00058	.00001	.00003	.00047	.00025
%RSD	8.0866	114.41	336.92	496.93	15.521	19.229	256.36
#1	-.01287	-.00584	.00058	-.00000	.00016	.00275	-.00008
#2	-.01443	-.00062	-.00024	.00000	.00020	.00209	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00004	-.00041	.00075	-.00587	.00112	-.00003
SDev	.00141	.00043	.00092	.00006	.04441	.00011	.00001
%RSD	41.056	970.01	226.11	7.8858	756.33	9.6129	32.949
#1	.00244	-.00035	-.00106	.00079	-.03727	.00120	-.00003
#2	.00443	.00026	.00024	.00071	.02553	.00104	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.06103	.00001	.00420	-.00013	.34983	.00399
SDev	.00231	.00509	.00002	.00096	.00074	.04389	.00031
%RSD	105.13	8.3316	128.97	22.880	552.85	12.546	7.8612
#1	.00382	.06463	.00000	.00488	-.00066	.38086	.00422
#2	.00056	.05744	.00003	.00352	.00039	.31880	.00377

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	-.09469	.03335	.00006	.00065	-.00071	.00011
SDev	.00139	.17666	.00327	.00003	.00350	.00215	.00001
%RSD	268.62	186.56	9.8188	48.345	538.05	301.86	7.9221
#1	-.00150	-.21961	.03566	.00004	.00313	-.00223	.00011
#2	.00047	.03022	.03103	.00008	-.00183	.00081	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00082	-.00087	.00039	-.00089	.00374
SDev	.00001	.00022	.00184	.00091	.00043	.00368
%RSD	8.5796	26.201	212.17	231.53	48.680	98.399
#1	-.00009	.00098	-.00217	.00103	-.00120	.00633

Analysis Report 04/23/12 10:07:40 AM page 4

#2	-.00010	.00067	.00043	-.00025	-.00058	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42817	--	--	--	--	--	--
SDev	612.3545	--	--	--	--	--	--
%RSD	1.430167	--	--	--	--	--	--
#1	42384	--	--	--	--	--	--
#2	43250	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 04/23/12 10:07:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07950	.00817	.00933	.00964	.00543	.01217	.00531
SDev	.00156	.00179	.00028	.00009	.00002	.00005	.00003
%RSD	1.9636	21.883	2.9903	.93122	.34880	.43514	.50353
#1	.08061	.00943	.00913	.00971	.00544	.01221	.00529
#2	.07840	.00690	.00952	.00958	.00541	.01214	.00533

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11286	.00992	.00960	.01045	.09634	.00858	.00930
SDev	.00047	.00010	.00009	.00018	.00471	.00010	.00077
%RSD	.41459	1.0196	.90592	1.7265	4.8845	1.1132	8.2427
#1	.11319	.00999	.00966	.01057	.09966	.00865	.00984
#2	.11253	.00985	.00953	.01032	.09301	.00852	.00876

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01127	.14640	.00969	.01136	.00925	.87911	.01730
SDev	.00026	.00305	.00004	.00130	.00022	.02719	.00178
%RSD	2.2965	2.0853	.38370	11.424	2.3642	3.0931	10.299
#1	.01109	.14856	.00971	.01228	.00941	.89834	.01856
#2	.01145	.14424	.00966	.01044	.00910	.85989	.01604

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	.58061	.58077	.00434	.01050	.00965	.00979
SDev	.00037	.09931	.00275	.00002	.00247	.00043	.00013
%RSD	7.8074	17.105	.47409	.44948	23.496	4.4388	1.3019
#1	.00446	.65084	.58272	.00435	.00876	.00995	.00988
#2	.00498	.51039	.57883	.00432	.01225	.00934	.00970

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	.00806	.01028	.00881	.00788	.01297

Analysis Report 04/23/12 10:11:31 AM page 5

SDev	.00036	.00005	.00172	.00201	.00003	.00038
%RSD	3.8377	.59207	16.702	22.797	.33230	2.8930
#1	.00977	.00803	.00907	.01023	.00786	.01270
#2	.00925	.00810	.01150	.00739	.00790	.01323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43120	--	--	--	--	--	--
SDev	164.7559	--	--	--	--	--	--
%RSD	.3820913	--	--	--	--	--	--
#1	43003	--	--	--	--	--	--

#2	43236	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/23/12 10:11:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	506.94	-.00263	.00001	.00170	.00011	-.00185	-.00527
SDev	1.93	.00124	.00215	.00006	.00001	.00117	.00012
%RSD	.38025	47.074	31315.	3.5011	9.1991	63.049	2.2326
#1	508.30	-.00351	-.00152	.00165	.00010	-.00103	-.00519
#2	505.57	-.00176	.00153	.00174	.00012	-.00268	-.00536

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.65	.00175	-.00015	.01376	196.44	.00495	.00102
SDev	1.27	.00048	.00009	.00030	.83	.00006	.00112
%RSD	.27782	27.609	59.003	2.1903	.42415	1.1668	109.99
#1	458.55	.00141	-.00009	.01355	197.03	.00499	.00181
#2	456.75	.00210	-.00021	.01398	195.85	.00491	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00565	514.12	-.00760	.00064	.00085	.41325	.01820
SDev	.00491	1.56	.00003	.00003	.00016	.02883	.00071
%RSD	86.868	.30333	.41486	3.8891	18.256	6.9760	3.9025
#1	-.00912	515.22	-.00763	.00062	.00097	.39287	.01871
#2	-.00218	513.02	-.00758	.00066	.00074	.43364	.01770

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.25409	.20748	-.00907	-.02063	-.00382	-.00378
SDev	.00032	.09875	.00072	.00005	.00531	.00138	.00001
%RSD	32.873	38.866	.34564	.54023	25.754	36.177	.19041
#1	.00118	.32392	.20697	-.00910	-.01687	-.00284	-.00378
#2	.00074	.18426	.20798	-.00903	-.02439	-.00480	-.00377

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00295	-.00317	-.00976	.00641	-.00058	-.00818
SDev	.00035	.00013	.00070	.00133	.00096	.00688
%RSD	11.829	4.1787	7.1919	20.732	165.27	84.076
#1	.00271	-.00307	-.00927	.00735	-.00126	-.01305
#2	.00320	-.00326	-.01026	.00547	.00010	-.00332

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39360	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.0862325	--	--	--	--	--	--

#1	39384	--	--	--	--	--	--
#2	39336	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/23/12 10:15:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.45	1.0424	1.0348	1.0414	.50625	1.0580	.47336
SDev	2.27	.0102	.0054	.0056	.00189	.0024	.00262
%RSD	.43858	.97495	.52636	.53836	.37258	.22976	.55350
#1	520.06	1.0496	1.0387	1.0454	.50758	1.0597	.47521
#2	516.84	1.0352	1.0310	1.0374	.50491	1.0563	.47151

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.79	.99877	.96117	1.0831	206.53	1.1581	1.0017
SDev	1.89	.00400	.00397	.0073	.95	.0062	.0027
%RSD	.40508	.40077	.41270	.67701	.46184	.53525	.26924
#1	467.12	1.0016	.96397	1.0883	207.21	1.1625	1.0036
#2	464.45	.99594	.95836	1.0779	205.86	1.1537	.99983

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0301	525.83	.99507	1.0211	.93872	14.233	1.0412
SDev	.0029	1.86	.00409	.0043	.00547	.066	.0072
%RSD	.28514	.35421	.41079	.42074	.58264	.46060	.68931
#1	1.0281	527.14	.99796	1.0241	.94258	14.279	1.0463
#2	1.0322	524.51	.99218	1.0180	.93485	14.187	1.0361

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54957	12.142	13.267	.49766	.98236	1.0149	1.0258
SDev	.00386	.248	.061	.00250	.00408	.0089	.0041

Analysis Report 04/23/12 10:19:13 AM page 7

%RSD	.70203	2.0426	.45642	.50314	.41521	.87554	.39628
#1	.55230	12.318	13.310	.49943	.98524	1.0212	1.0286
#2	.54684	11.967	13.224	.49588	.97948	1.0086	1.0229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	1.0287	.99994	1.0026	1.0357	1.0273
SDev	.0043	.0050	.01211	.0020	.0105	.0097
%RSD	.41975	.48490	1.2112	.20049	1.0134	.93973
#1	1.0166	1.0322	1.0085	1.0012	1.0431	1.0205
#2	1.0106	1.0251	.99138	1.0041	1.0283	1.0342

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39273	--	--	--	--	--	--

SDev	219.2031	--	--	--	--	--	--
%RSD	.5581522	--	--	--	--	--	--
#1	39118	--	--	--	--	--	--
#2	39428	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 10:19:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4807	.49355	.49943	.49270	.50910	.49889	.50419
SDev	.0031	.00039	.00174	.00094	.00136	.00205	.00115
%RSD	.12337	.07979	.34778	.19049	.26711	.41100	.22785
#1	2.4828	.49327	.49820	.49337	.51006	.50034	.50500
#2	2.4785	.49382	.50066	.49204	.50814	.49744	.50337

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.575	.50183	.50330	.50494	2.5508	.45884	.50309
SDev	.038	.00163	.00118	.00051	.0051	.00039	.00308
%RSD	.29938	.32393	.23381	.10007	.19964	.08424	.61197
#1	12.602	.50298	.50413	.50529	2.5544	.45911	.50527
#2	12.548	.50068	.50247	.50458	2.5472	.45857	.50092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50851	5.0892	.49481	.50914	.49898	12.181	.95665
SDev	.00173	.0205	.00129	.00131	.00169	.020	.00047
%RSD	.34048	.40270	.26044	.25667	.33844	.16613	.04867
#1	.50973	5.1037	.49572	.51006	.50017	12.195	.95698
#2	.50728	5.0747	.49390	.50821	.49778	12.167	.95632

Analysis Report 04/23/12 10:23:04 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24760	12.673	11.922	.24520	.50597	.50632	.50678
SDev	.00050	.144	.010	.00039	.00441	.00386	.00096
%RSD	.20307	1.1386	.08683	.15999	.87187	.76208	.19018
#1	.24796	12.775	11.915	.24548	.50285	.50905	.50746
#2	.24725	12.571	11.930	.24493	.50908	.50360	.50609

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50672	.50731	.50337	.50296	.49957	.51303
SDev	.00117	.00168	.00275	.00325	.00052	.00286
%RSD	.23177	.33077	.54553	.64521	.10407	.55690
#1	.50755	.50849	.50532	.50525	.49921	.51506
#2	.50589	.50612	.50143	.50066	.49994	.51101

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	43206	--	--	--	--	--	--
SDev	230.5168	--	--	--	--	--	--
%RSD	.5335296	--	--	--	--	--	--
#1	43043	--	--	--	--	--	--
#2	43369	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 10:23:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.00088	.00084	.00004	.00018	.00218	.00003
SDev	.00324	.00012	.00053	.00006	.00000	.00048	.00019
%RSD	1042.3	13.658	62.542	126.69	1.0027	21.882	672.18
#1	.00198	-.00080	.00121	.00008	.00018	.00251	-.00011
#2	-.00260	-.00097	.00047	.00000	.00018	.00184	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01137	.00025	-.00048	.00041	-.00938	.00061	.00033
SDev	.00032	.00023	.00050	.00036	.02447	.00008	.00002
%RSD	2.8204	95.783	105.54	87.507	260.74	12.550	6.9051
#1	.01160	.00041	-.00083	.00067	-.02669	.00066	.00035
#2	.01114	.00008	-.00012	.00016	.00792	.00055	.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.06037	.00007	.00309	-.00013	.26608	.00338
SDev	.00042	.00410	.00002	.00081	.00080	.02724	.00053
%RSD	67.854	6.7966	28.921	26.219	595.52	10.236	15.750

#1	.00093	.06327	.00008	.00366	-.00070	.28533	.00376
#2	.00033	.05746	.00005	.00252	.00043	.24682	.00300

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.18812	.02543	.00006	.00369	-.00057	.00005
SDev	.00053	.12470	.00170	.00002	.00031	.00255	.00007
%RSD	67.636	66.289	6.6911	38.264	8.5095	447.06	133.54
#1	-.00115	-.27630	.02663	.00007	.00391	-.00238	.00000
#2	-.00041	-.09994	.02422	.00004	.00346	.00123	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00051	.00197	-.00049	-.00217	.00202
SDev	.00005	.00018	.00267	.00137	.00620	.00374
%RSD	45.308	35.865	135.15	278.26	286.16	184.70
#1	.00008	.00038	.00009	.00048	-.00655	.00466
#2	.00016	.00064	.00386	-.00146	.00222	-.00062

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43570	--	--	--	--	--	--
SDev	168.9985	--	--	--	--	--	--
%RSD	.3878826	--	--	--	--	--	--
#1	43450	--	--	--	--	--	--
#2	43689	--	--	--	--	--	--

Analysis Report 04/23/12 10:53:29 AM page 1

Method: 20076010 Sample Name: mb 600-77589/1-a Operator: DCL
Run Time: 04/23/12 10:49:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	-.00079	.00049	.00094	.00008	.00094	.00004
SDev	.00361	.00032	.00103	.00004	.00003	.00042	.00002
%RSD	224.66	40.721	211.33	4.5969	32.458	45.191	34.447
#1	-.00415	-.00056	-.00024	.00091	.00006	.00064	.00003
#2	.00094	-.00102	.00121	.00097	.00010	.00123	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00736	.00044	.00014	.00062	.03187	.00063	.00015
SDev	.00091	.00014	.00031	.00025	.00963	.00004	.00096
%RSD	12.381	30.885	230.18	40.669	30.226	5.7205	648.59
#1	.00801	.00035	.00036	.00044	.03869	.00066	-.00053
#2	.00672	.00054	-.00008	.00079	.02506	.00061	.00083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.05574	.00023	.00003	-.00003	.29845	.00309
SDev	.00195	.00313	.00006	.00002	.00031	.02784	.00091
%RSD	132.44	5.6228	24.174	79.970	968.80	9.3289	29.387
#1	.00285	.05796	.00019	.00001	-.00025	.31814	.00245
#2	.00009	.05352	.00027	.00004	.00019	.27876	.00373

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.19562	.01999	-.00001	.00067	-.00042	.00017
SDev	.00055	.01843	.00143	.00003	.00095	.00052	.00020
%RSD	143.33	9.4201	7.1675	454.29	141.84	126.28	117.16
#1	.00077	.20865	.02100	-.00002	.00134	-.00004	.00003
#2	-.00001	.18259	.01897	.00001	-.00000	-.00079	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00081	.00137	-.00046	-.00159	.00300
SDev	.00044	.00009	.00045	.00121	.00353	.00116
%RSD	163.75	10.760	32.942	263.07	222.04	38.546
#1	-.00004	-.00087	.00105	-.00132	.00091	.00382
#2	.00058	-.00075	.00168	.00040	-.00409	.00218

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43418	--	--	--	--	--	--
SDev	287.0854	--	--	--	--	--	--
%RSD	.6612127	--	--	--	--	--	--

Analysis Report 04/23/12 10:53:29 AM page 2

#1	43215	--	--	--	--	--	--
#2	43621	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77589/2-a Operator: DCL
Run Time: 04/23/12 10:53:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8508	.99974	1.0071	.99758	.50730	1.0046	.50552
SDev	.5312	.05495	.0550	.05335	.02784	.0519	.02753
%RSD	5.3921	5.4959	5.4562	5.3485	5.4877	5.1685	5.4464
#1	10.226	1.0386	1.0460	1.0353	.52699	1.0413	.52498
#2	9.4752	.96089	.96829	.95985	.48762	.96786	.48605

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.049	1.0005	1.0051	1.0097	10.209	.46401	1.0038
SDev	.551	.0555	.0549	.0543	.579	.02377	.0499
%RSD	5.4845	5.5513	5.4593	5.3817	5.6707	5.1230	4.9749
#1	10.438	1.0398	1.0439	1.0481	10.618	.48082	1.0391
#2	9.6590	.96125	.96628	.97130	9.7996	.44720	.96852

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99924	10.060	1.0039	1.0331	1.0041	9.8405	.96079
SDev	.04662	.583	.0553	.0499	.0545	.6239	.05665
%RSD	4.6654	5.7994	5.5090	4.8335	5.4247	6.3397	5.8960
#1	1.0322	10.473	1.0430	1.0684	1.0426	10.282	1.0008
#2	.96627	9.6479	.96482	.99777	.96556	9.3994	.92073

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50457	9.7195	9.6394	.49981	1.0144	1.0041	1.0141
SDev	.02726	.4631	.4614	.02719	.0458	.0545	.0558
%RSD	5.4016	4.7646	4.7865	5.4399	4.5161	5.4282	5.4985
#1	.52384	10.047	9.9656	.51904	1.0468	1.0426	1.0536
#2	.48530	9.3921	9.3131	.48058	.98201	.96557	.97470

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0103	1.0175	1.0052	1.0031	.98576	1.0060
SDev	.0564	.0545	.0383	.0558	.03459	.0526
%RSD	5.5818	5.3552	3.8092	5.5589	3.5088	5.2322

#1	1.0501	1.0561	1.0323	1.0426	1.0102	1.0432
#2	.97038	.97900	.97812	.96372	.96130	.96876

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 10:57:19 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44476	--	--	--	--	--	--
SDev	1994.748	--	--	--	--	--	--
%RSD	4.485050	--	--	--	--	--	--
#1	43065	--	--	--	--	--	--
#2	45886	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77499/1-b Operator: DCL
Run Time: 04/23/12 10:57:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	-.00109	.00122	.00938	.00014	.00728	.00017
SDev	.00831	.00015	.00025	.00071	.00007	.00045	.00015
%RSD	947.21	13.880	20.674	7.6031	53.793	6.1255	87.250
#1	-.00675	-.00099	.00104	.00888	.00009	.00696	.00006
#2	.00500	-.00120	.00139	.00989	.00019	.00760	.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08321	.00032	.00015	.00063	.01144	.00071	.00002
SDev	.00765	.00032	.00034	.00079	.01359	.00051	.00038
%RSD	9.1911	100.35	223.79	124.97	118.80	71.797	1587.4
#1	.07781	.00009	-.00009	.00007	.00183	.00035	.00029
#2	.08862	.00055	.00039	.00119	.02104	.00107	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.05141	.00031	.00418	.00021	.22308	.02020
SDev	.00015	.03090	.00022	.00179	.00050	.18268	.00655
%RSD	9.9482	60.118	71.679	42.829	234.57	81.889	32.426
#1	.00165	.02955	.00015	.00545	-.00014	.09391	.01557
#2	.00144	.07326	.00047	.00292	.00057	.35226	.02483

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	174.84	134.96	.00032	.00448	.00033	.00023
SDev	.00014	9.38	6.75	.00013	.00252	.00031	.00030
%RSD	77.960	5.3673	4.9983	39.348	56.178	94.398	129.09
#1	-.00028	168.21	130.19	.00023	.00626	.00011	.00002
#2	-.00008	181.48	139.73	.00041	.00270	.00055	.00045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00133	-.00027	.00017	-.00164	.00314

SDev	.00005	.00076	.00110	.00111	.00138	.00092
%RSD	24.916	57.139	414.99	662.61	83.778	29.257
#1	.00018	.00079	-.00104	.00096	-.00262	.00379

#2	.00026	.00187	.00051	-.00062	-.00067	.00249

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44154	--	--	--	--	--	--
SDev	1933.937	--	--	--	--	--	--
%RSD	4.379932	--	--	--	--	--	--
#1	45522	--	--	--	--	--	--
#2	42787	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53560-a-1-e Operator: DCL
Run Time: 04/23/12 11:01:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00551	-.00297	-.00050	.03171	.00003	.01213	.00012
SDev	.00242	.00204	.00140	.00019	.00001	.00033	.00003
%RSD	43.905	68.810	278.68	.59134	26.512	2.7362	21.990
#1	.00380	-.00441	.00049	.03184	.00003	.01189	.00014
#2	.00722	-.00152	-.00149	.03158	.00004	.01236	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.372	.00029	.00102	.00123	.46316	.00179	-.00036
SDev	.407	.00039	.00008	.00014	.00268	.00006	.00101
%RSD	.58598	133.28	7.9870	11.336	.57824	3.0463	279.30
#1	69.659	.00002	.00096	.00113	.46127	.00176	.00035
#2	69.085	.00056	.00108	.00133	.46505	.00183	-.00107

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.52081	.26225	.00136	.00407	1.0175	.28950
SDev	.00470	.00100	.00175	.00094	.00034	.0073	.00256
%RSD	4871.2	.19252	.66874	69.375	8.3548	.71959	.88578
#1	-.00323	.52152	.26349	.00069	.00383	1.0123	.29131
#2	.00342	.52010	.26101	.00202	.00432	1.0227	.28768

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	184.42	142.88	.14788	.00267	.00035	-.00047
SDev	.00030	.71	.62	.00098	.00103	.00127	.00015
%RSD	131.58	.38323	.43076	.66555	38.789	364.39	33.107
#1	.00002	184.92	143.32	.14857	.00340	.00124	-.00057
#2	.00043	183.92	142.45	.14718	.00194	-.00055	-.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.29908	.00060	-.00084	.00234	-.00103

Analysis Report 04/23/12 11:05:01 AM page 5

SDev	.00027	.00154	.00046	.00128	.00751	.00330
%RSD	430.43	.51464	76.635	152.04	320.68	321.88
#1	-.00013	.30017	.00093	.00006	-.00297	-.00336
#2	.00025	.29799	.00028	-.00175	.00765	.00131

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42022	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0403850	--	--	--	--	--	--
#1	42010	--	--	--	--	--	--
#2	42034	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53560-a-1-f ms Operator: DCL
Run Time: 04/23/12 11:05:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.527	1.0461	1.0661	1.0578	.52972	1.0688	.51746
SDev	.087	.0092	.0060	.0107	.00403	.0066	.00369
%RSD	.82861	.87792	.56611	1.0161	.76036	.61812	.71413
#1	10.589	1.0526	1.0704	1.0654	.53257	1.0734	.52007
#2	10.466	1.0396	1.0619	1.0502	.52687	1.0641	.51485

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.079	1.0331	1.0378	1.0606	10.994	.52989	1.0416
SDev	.572	.0083	.0075	.0097	.090	.00446	.0103
%RSD	.72336	.80724	.72714	.90996	.81674	.84117	.98702
#1	79.483	1.0389	1.0432	1.0674	11.057	.53304	1.0489
#2	78.674	1.0272	1.0325	1.0538	10.930	.52674	1.0344

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0561	10.823	1.2949	1.0868	1.0347	13.331	1.3155
SDev	.0036	.075	.0102	.0074	.0100	.115	.0123
%RSD	.34110	.68902	.78914	.68386	.96997	.85999	.93695
#1	1.0586	10.876	1.3021	1.0920	1.0418	13.412	1.3242
#2	1.0535	10.770	1.2877	1.0815	1.0277	13.250	1.3068

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53057	198.26	152.99	.66289	1.0780	1.0488	1.0553
SDev	.00495	1.25	.95	.00629	.0004	.0067	.0088
%RSD	.93217	.63071	.62185	.94908	.04050	.63488	.83376
#1	.53406	199.15	153.66	.66734	1.0777	1.0535	1.0615
#2	.52707	197.38	152.31	.65844	1.0783	1.0441	1.0490

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0571	1.3632	1.0360	1.0444	1.0300	1.0691
SDev	.0090	.0103	.0159	.0075	.0125	.0009
%RSD	.84746	.75473	1.5344	.71552	1.2161	.08039
#1	1.0634	1.3705	1.0472	1.0497	1.0388	1.0685
#2	1.0507	1.3559	1.0248	1.0392	1.0211	1.0697

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42174	--	--	--	--	--	--
SDev	178.1909	--	--	--	--	--	--
%RSD	.4225137	--	--	--	--	--	--
#1	42048	--	--	--	--	--	--
#2	42300	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53560-a-1-g msd Operator: DCL
Run Time: 04/23/12 11:08:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.656	1.0664	1.0769	1.0714	.53707	1.0893	.52464
SDev	.025	.0034	.0061	.0017	.00215	.0032	.00189
%RSD	.23261	.32343	.56367	.15725	.40094	.29269	.36028
#1	10.674	1.0689	1.0811	1.0726	.53859	1.0915	.52598
#2	10.639	1.0640	1.0726	1.0702	.53555	1.0870	.52331

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.208	1.0479	1.0495	1.0730	11.176	.53770	1.0599
SDev	.316	.0034	.0039	.0020	.050	.00130	.0056
%RSD	.39406	.32477	.37338	.18546	.44568	.24096	.52708
#1	80.432	1.0503	1.0523	1.0744	11.211	.53861	1.0638
#2	79.985	1.0455	1.0467	1.0716	11.141	.53678	1.0559

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0690	10.983	1.3120	1.1091	1.0553	13.539	1.3393
SDev	.0029	.055	.0044	.0042	.0027	.048	.0028
%RSD	.27475	.50196	.33433	.37956	.25465	.35600	.20904
#1	1.0711	11.022	1.3151	1.1121	1.0572	13.573	1.3413
#2	1.0670	10.944	1.3089	1.1061	1.0534	13.505	1.3373

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53780	201.75	155.27	.67162	1.0998	1.0656	1.0731
SDev	.00119	.65	.53	.00129	.0001	.0040	.0026

%RSD	.22073	.32159	.34218	.19195	.00749	.37866	.24490
#1	.53864	202.20	155.64	.67253	1.0998	1.0684	1.0750
#2	.53696	201.29	154.89	.67070	1.0999	1.0627	1.0713

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0703	1.3838	1.0549	1.0623	1.0453	1.0809
SDev	.0036	.0032	.0063	.0052	.0029	.0030
%RSD	.33211	.23140	.59911	.49131	.27294	.27562
#1	1.0728	1.3860	1.0594	1.0660	1.0473	1.0830
#2	1.0678	1.3815	1.0505	1.0587	1.0433	1.0788

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41878	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1840434	--	--	--	--	--	--
#1	41824	--	--	--	--	--	--
#2	41933	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53685-a-1-e Operator: DCL
Run Time: 04/23/12 11:12:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01787	-.00016	-.00018	.04112	.00005	.01131	.00017
SDev	.00264	.00075	.00110	.00046	.00008	.00006	.00003
%RSD	14.748	460.71	597.92	1.1138	168.19	.56673	17.888
#1	.01601	.00037	-.00096	.04080	-.00001	.01127	.00019
#2	.01974	-.00069	.00059	.04145	.00010	.01136	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5167	.00087	.00500	.01812	.44237	.00129	-.00008
SDev	.0308	.00014	.00043	.00042	.01450	.00013	.00023
%RSD	1.2249	15.411	8.6840	2.2933	3.2779	9.9659	292.78
#1	2.4949	.00078	.00469	.01783	.43212	.00120	.00008
#2	2.5385	.00097	.00531	.01842	.45263	.00138	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	.24945	.29976	.00453	.06668	.44053	.03824
SDev	.00026	.00970	.00241	.00279	.00065	.03847	.00082
%RSD	11.188	3.8899	.80229	61.469	.98127	8.7329	2.1405
#1	.00251	.24259	.29806	.00650	.06622	.41333	.03767
#2	.00214	.25631	.30146	.00256	.06715	.46773	.03882

Analysis Report 04/23/12 11:16:35 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	177.68	137.55	.02254	.00384	-.00062	.00018
SDev	.00015	1.09	.61	.00025	.00129	.00000	.00016
%RSD	67.800	.61153	.44151	1.1115	33.761	.34462	89.261
#1	-.00012	176.91	137.12	.02236	.00475	-.00062	.00007
#2	-.00033	178.45	137.98	.02272	.00292	-.00062	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.03436	.00160	-.00092	.00010	.00345
SDev	.00010	.00048	.00118	.00094	.00213	.00145
%RSD	28.620	1.3869	73.909	102.29	2227.4	42.234
#1	.00029	.03403	.00076	-.00025	-.00141	.00447
#2	.00044	.03470	.00243	-.00158	.00160	.00242

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42518	--	--	--	--	--	--
SDev	313.2483	--	--	--	--	--	--
%RSD	.7367341	--	--	--	--	--	--
#1	42740	--	--	--	--	--	--
#2	42297	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77501/1-c Operator: DCL
Run Time: 04/23/12 11:16:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00615	-.00406	.00043	.00954	-.00002	.00945	-.00006
SDev	.00098	.00236	.00116	.00006	.00003	.00072	.00013
%RSD	15.861	58.035	266.48	.61117	150.45	7.6342	205.17
#1	.00546	-.00573	-.00038	.00958	-.00004	.00996	.00003
#2	.00684	-.00239	.00125	.00949	.00000	.00894	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11158	.00027	-.00024	-.00013	-.00034	.00080	-.00062
SDev	.00113	.00005	.00015	.00044	.00489	.00009	.00056
%RSD	1.0161	18.497	61.962	336.94	1455.7	11.779	90.935
#1	.11078	.00031	-.00014	-.00044	-.00379	.00087	-.00101
#2	.11238	.00024	-.00035	.00018	.00312	.00073	-.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.06891	.00027	.00184	-.00032	.30472	.00775
SDev	.00087	.00645	.00004	.00017	.00013	.05387	.00092
%RSD	1081.7	9.3568	13.191	9.3101	41.170	17.679	11.860

Analysis Report 04/23/12 11:20:26 AM page 9

#1	.00053	.07347	.00025	.00196	-.00042	.34281	.00710

#2	-.00069	.06435	.00030	.00172	-.00023	.26662	.00839

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.35571	.44532	.00017	.00098	-.00024	.00008
SDev	.00026	.03934	.00313	.00002	.00254	.00076	.00008
%RSD	64.583	11.060	.70379	14.255	258.31	320.08	99.088
#1	-.00022	.38353	.44310	.00015	-.00081	.00030	.00014
#2	-.00058	.32789	.44753	.00018	.00278	-.00077	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00089	-.00159	-.00013	-.00332	.00154
SDev	.00019	.00001	.00199	.00015	.00046	.00153
%RSD	922.56	1.4210	125.22	116.63	13.863	99.677
#1	.00016	.00088	-.00300	-.00002	-.00364	.00262
#2	-.00011	.00090	-.00018	-.00024	-.00299	.00045

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43075	--	--	--	--	--	--
SDev	354.9676	--	--	--	--	--	--
%RSD	.8240687	--	--	--	--	--	--
#1	42824	--	--	--	--	--	--
#2	43326	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53726-a-1-d Operator: DCL
Run Time: 04/23/12 11:20:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01967	-.00270	.00186	.18106	-.00002	.02754	-.00021
SDev	.00462	.00545	.00232	.00109	.00004	.00015	.00007
%RSD	23.512	202.05	124.85	.60367	213.87	.55957	33.322
#1	.01640	-.00655	.00022	.18183	-.00004	.02743	-.00026
#2	.02294	.00116	.00350	.18028	.00001	.02765	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	166.55	-.00001	.00210	.00332	6.1583	.00171	.01130
SDev	.45	.00077	.00027	.00103	.0044	.00007	.00000
%RSD	.27169	10435.	12.689	31.013	.07094	3.9579	.02574
#1	166.87	-.00055	.00191	.00259	6.1614	.00166	.01130
#2	166.23	.00054	.00229	.00405	6.1552	.00176	.01130

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/23/12 11:24:18 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	3.9440	.21921	.00272	.01559	.85195	.45032
SDev	.00060	.0016	.00094	.00028	.00041	.03153	.00082
%RSD	67.306	.04174	.42717	10.256	2.6038	3.7009	.18117

#1	.00132	3.9428	.21987	.00292	.01530	.82965	.44974
#2	.00047	3.9452	.21854	.00253	.01587	.87424	.45090

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	2.7377	2.5166	.40854	-.00071	.00081	-.00127
SDev	.00052	.1759	.0120	.00290	.00071	.00143	.00024
%RSD	247.27	6.4239	.47802	.71012	99.989	176.49	19.101

#1	-.00016	2.6134	2.5251	.41059	-.00121	-.00020	-.00144
#2	.00057	2.8621	2.5081	.40648	-.00021	.00183	-.00110

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.24595	.01474	.00958	.00206	.00031
SDev	.00058	.00073	.00133	.00066	.00186	.00003
%RSD	190.87	.29720	9.0195	6.8921	90.284	9.3735

#1	-.00011	.24647	.01568	.00911	.00337	.00029
#2	.00071	.24544	.01380	.01005	.00074	.00033

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42316	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2021904	--	--	--	--	--	--

#1	42256	--	--	--	--	--	--
#2	42377	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53726-a-1-e ms Operator: DCL
Run Time: 04/23/12 11:24:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9697	1.0033	1.0216	1.1696	.50508	1.0407	.49388
SDev	.5472	.0498	.0500	.0603	.02723	.0514	.02624
%RSD	5.4885	4.9643	4.8946	5.1520	5.3905	4.9393	5.3121

#1	10.357	1.0385	1.0569	1.2122	.52433	1.0770	.51243
#2	9.5828	.96808	.98621	1.1270	.48583	1.0044	.47533

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	169.98	.98502	.98662	1.0101	16.096	.49476	1.0099
SDev	8.84	.05247	.05204	.0524	.867	.02530	.0366
%RSD	5.1981	5.3266	5.2747	5.1882	5.3857	5.1139	3.6235

Analysis Report 04/23/12 11:28:09 AM page 11

#1	176.23	1.0221	1.0234	1.0472	16.709	.51265	1.0357
#2	163.73	.94792	.94982	.97305	15.483	.47687	.98399

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0056	13.726	1.2069	1.0368	.99884	11.383	1.4150
SDev	.0379	.749	.0632	.0532	.05403	.675	.0757
%RSD	3.7726	5.4589	5.2402	5.1340	5.4091	5.9278	5.3513
#1	1.0324	14.256	1.2516	1.0745	1.0370	11.860	1.4685
#2	.97879	13.196	1.1622	.99920	.96063	10.905	1.3614

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51204	13.001	12.981	.89779	1.0302	.99484	1.0098
SDev	.02512	.642	.644	.04745	.0440	.05434	.0533
%RSD	4.9067	4.9417	4.9591	5.2854	4.2696	5.4626	5.2749
#1	.52980	13.455	13.436	.93134	1.0613	1.0333	1.0474
#2	.49427	12.547	12.526	.86424	.99907	.95642	.97211

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0141	1.2500	.99302	1.0183	.97183	1.0225
SDev	.0533	.0649	.02302	.0434	.01669	.0486
%RSD	5.2545	5.1933	2.3185	4.2599	1.7172	4.7494
#1	1.0518	1.2959	1.0093	1.0490	.98363	1.0568
#2	.97641	1.2041	.97674	.98762	.96003	.98817

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43225	--	--	--	--	--	--
SDev	1660.287	--	--	--	--	--	--
%RSD	3.841033	--	--	--	--	--	--
#1	42051	--	--	--	--	--	--
#2	44399	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 11:28:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4875	.50706	.51345	.50257	.50935	.51063	.51721
SDev	.0117	.00502	.00592	.00318	.00348	.00433	.00377
%RSD	.47021	.98927	1.1532	.63186	.68317	.84729	.72892
#1	2.4958	.51060	.51763	.50481	.51181	.51369	.51987
#2	2.4793	.50351	.50926	.50032	.50689	.50757	.51454

Analysis Report 04/23/12 11:31:59 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.765	.50131	.50139	.50868	2.6476	.46701	.51004
SDev	.079	.00321	.00359	.00340	.0116	.00254	.00253
%RSD	.62265	.64055	.71529	.66898	.43660	.54323	.49705
#1	12.821	.50358	.50393	.51108	2.6558	.46880	.51183
#2	12.709	.49904	.49886	.50627	2.6394	.46522	.50824

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50881	5.1091	.49920	.51893	.50312	12.389	.97014
SDev	.00192	.0351	.00331	.00210	.00422	.058	.00411
%RSD	.37792	.68752	.66408	.40376	.83842	.46613	.42370
#1	.51017	5.1339	.50155	.52041	.50610	12.430	.97305
#2	.50745	5.0842	.49686	.51745	.50013	12.349	.96724

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25143	12.938	12.035	.25107	.53134	.50944	.51500
SDev	.00096	.045	.059	.00160	.00066	.00299	.00326
%RSD	.38197	.34955	.48752	.63730	.12360	.58769	.63314
#1	.25211	12.906	12.076	.25220	.53181	.51156	.51731
#2	.25075	12.970	11.993	.24993	.53088	.50732	.51270

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50951	.52229	.50089	.51461	.49113	.51770
SDev	.00394	.00293	.00310	.00225	.00925	.00174
%RSD	.77233	.56038	.61980	.43732	1.8835	.33619
#1	.51230	.52436	.50308	.51620	.49768	.51647
#2	.50673	.52022	.49869	.51302	.48459	.51893

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42684	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1109941	--	--	--	--	--	--
#1	42717	--	--	--	--	--	--
#2	42650	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 11:32:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01132	-.00122	.00005	.00001	-.00009	.00252	.00008
SDev	.00371	.00429	.00109	.00020	.00002	.00025	.00004

Analysis Report 04/23/12 11:35:50 AM page 13

%RSD	32.810	350.94	2419.5	1740.6	27.158	9.8829	51.643
#1	.01395	.00181	.00082	.00015	-.00007	.00270	.00011
#2	.00870	-.00426	-.00073	-.00013	-.00010	.00234	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	.00006	-.00015	-.00075	.00758	.00081	.00030
SDev	.00104	.00044	.00003	.00067	.00950	.00006	.00037
%RSD	55.433	738.90	19.873	88.668	125.31	7.5673	124.68

#1	-.00261	.00037	-.00017	-.00028	.00086	.00085	.00004
#2	-.00114	-.00025	-.00013	-.00122	.01430	.00076	.00056
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.06176	.00001	.00250	-.00008	.32368	-.00083
SDev	.00249	.00387	.00006	.00128	.00070	.03037	.00134
%RSD	528.54	6.2593	412.24	51.408	877.38	9.3833	161.55
#1	.00129	.06450	.00006	.00341	-.00058	.34515	.00012
#2	-.00223	.05903	-.00003	.00159	.00042	.30220	-.00177
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00861	.03330	-.00004	.00181	-.00009	.00004
SDev	.00053	.15051	.00217	.00005	.00244	.00047	.00011
%RSD	473.44	1748.5	6.5184	124.85	134.99	532.22	297.71
#1	-.00049	-.11503	.03483	-.00000	.00354	.00024	.00011
#2	.00026	.09782	.03176	-.00007	.00008	-.00042	-.00004
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00011	.00057	.00280	-.00096	-.00165	.00012	
SDev	.00039	.00013	.00216	.00053	.00386	.00181	
%RSD	365.47	22.064	77.168	55.167	234.35	1542.6	
#1	.00017	.00066	.00127	-.00058	.00108	.00139	
#2	-.00038	.00048	.00433	-.00133	-.00438	-.00116	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43153	--	--	--	--	--	--
SDev	168.2914	--	--	--	--	--	--
%RSD	.3899877	--	--	--	--	--	--
#1	43034	--	--	--	--	--	--
#2	43272	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-a-1-b Operator: DCL
Run Time: 04/23/12 11:35:53
Comment: TRACE 61E

Analysis Report 04/23/12 11:39:41 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02698	.00668	.00067	.07057	-.00011	.08979	.00113
SDev	.00208	.00124	.00051	.00329	.00002	.00397	.00015
%RSD	7.7232	18.550	76.421	4.6559	15.627	4.4234	13.070
#1	.02845	.00580	.00031	.07290	-.00012	.09260	.00124
#2	.02551	.00755	.00104	.06825	-.00009	.08698	.00103
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	184.63	.00029	.00191	.00026	.03078	.00116	.48331
SDev	8.73	.00003	.00003	.00025	.00799	.00034	.01803
%RSD	4.7276	10.259	1.6776	94.754	25.966	29.315	3.7305
#1	190.81	.00031	.00188	.00043	.03643	.00140	.49606
#2	178.46	.00027	.00193	.00009	.02513	.00092	.47057

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.51575	.15858	.00082	.00158	.48306	.36897
SDev	.00348	.04765	.00740	.00017	.00020	.16653	.00004
%RSD	245.91	9.2393	4.6667	21.452	12.932	34.473	.00964
#1	-.00105	.54945	.16381	.00069	.00143	.60082	.36894
#2	.00388	.48206	.15334	.00094	.00172	.36531	.36899

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	5.8890	5.4855	.58386	-.00015	.00138	-.00126
SDev	.00003	.2208	.2557	.02841	.00160	.00048	.00001
%RSD	136.65	3.7498	4.6621	4.8661	1071.0	34.914	1.1722
#1	.00005	6.0451	5.6664	.60395	-.00128	.00172	-.00127
#2	.00000	5.7328	5.3047	.56377	.00098	.00104	-.00125

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00625	.47630	.48682	-.00101	.00263
SDev	.00026	.00043	.01766	.01821	.00479	.00283
%RSD	425.62	6.8967	3.7082	3.7415	473.22	107.53
#1	.00024	.00655	.48879	.49970	-.00440	.00063
#2	-.00012	.00594	.46381	.47394	.00238	.00463

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43143	--	--	--	--	--	--
SDev	1681.500	--	--	--	--	--	--
%RSD	3.897503	--	--	--	--	--	--
#1	41954	--	--	--	--	--	--
#2	44332	--	--	--	--	--	--

Analysis Report 04/23/12 11:39:41 AM page 15

Method: 20076010 Sample Name: 600-53716-a-1-b Operator: DCL
Run Time: 04/23/12 11:39:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01768	-.00129	.00192	.04934	-.00015	.00392	-.00001
SDev	.00112	.00268	.00032	.00089	.00002	.00001	.00001
%RSD	6.3514	207.04	16.516	1.8123	11.255	.23379	44.202
#1	.01847	-.00319	.00169	.04998	-.00017	.00391	-.00002
#2	.01688	.00060	.00214	.04871	-.00014	.00392	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	295.22	.00032	.00023	.09496	.01643	.00106	.40848
SDev	4.91	.00013	.00006	.00153	.00231	.00004	.00630
%RSD	1.6623	40.169	25.790	1.6151	14.076	3.4442	1.5434
#1	298.69	.00023	.00019	.09605	.01479	.00108	.41294
#2	291.75	.00041	.00027	.09388	.01807	.00103	.40402

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.06694	.00006	.03212	.01377	.43704	.03384
SDev	.00023	.00055	.00000	.00075	.00029	.01816	.00119
%RSD	34.922	.81604	1.5640	2.3330	2.1064	4.1553	3.5111
#1	.00050	.06732	.00006	.03265	.01397	.44988	.03468
#2	.00083	.06655	.00006	.03159	.01356	.42419	.03300

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	1.3578	1.2561	.37497	.00203	.00042	-.00216
SDev	.00040	.0343	.0221	.00677	.00029	.00014	.00005
%RSD	238.04	2.5285	1.7570	1.8059	14.330	32.915	2.3366
#1	-.00045	1.3821	1.2717	.37976	.00183	.00032	-.00213
#2	.00012	1.3335	1.2405	.37019	.00224	.00051	-.00220

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03239	.04394	.40129	.41208	-.00470	.00335
SDev	.00080	.00064	.00711	.00590	.00123	.00027
%RSD	2.4532	1.4680	1.7729	1.4315	26.054	7.9912
#1	.03296	.04440	.40632	.41625	-.00557	.00354
#2	.03183	.04349	.39626	.40790	-.00384	.00316

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41684	--	--	--	--	--	--

SDev	342.2397	--	--	--	--	--	--
%RSD	.8210337	--	--	--	--	--	--
#1	41442	--	--	--	--	--	--
#2	41926	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-2-b Operator: DCL
Run Time: 04/23/12 11:43:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01914	.02886	.00204	.06356	-.00013	.03004	.02091
SDev	.00236	.00370	.00052	.00012	.00001	.00029	.00016
%RSD	12.333	12.835	25.498	.19029	6.3772	.97004	.75553

#1	.01747	.03148	.00240	.06364	-.00013	.03024	.02102
#2	.02081	.02624	.00167	.06347	-.00014	.02983	.02080
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	231.02	.00018	.00243	2.7127	.03254	.00228	1.1826
SDev	.88	.00019	.00022	.0083	.00988	.00009	.0024
%RSD	.37972	109.88	9.2604	.30462	30.362	4.0968	.20622
#1	231.64	.00032	.00259	2.7186	.03953	.00235	1.1844
#2	230.40	.00004	.00227	2.7069	.02556	.00222	1.1809
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	3.6980	.15384	.00737	.10346	.58639	1.4101
SDev	.00015	.0215	.00065	.00010	.00059	.03317	.0064
%RSD	9.7847	.58192	.42405	1.3175	.57308	5.6564	.45684
#1	.00145	3.7132	.15430	.00744	.10388	.60985	1.4146
#2	.00167	3.6827	.15338	.00730	.10304	.56294	1.4055
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	2.2558	1.5212	.31449	-.00187	.00046	-.00154
SDev	.00030	.2131	.0098	.00079	.00077	.00054	.00001
%RSD	593.73	9.4465	.64371	.25202	40.913	118.04	.41082
#1	.00026	2.4065	1.5281	.31505	-.00133	.00008	-.00154
#2	-.00016	2.1051	1.5142	.31393	-.00242	.00084	-.00155
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00095	7.6102	1.1588	1.1946	-.00203	.00336	
SDev	.00014	.0234	.0050	.0012	.00032	.00039	
%RSD	14.189	.30701	.43119	.09710	15.672	11.567	
#1	.00105	7.6268	1.1623	1.1954	-.00181	.00308	
#2	.00086	7.5937	1.1552	1.1937	-.00226	.00363	

Analysis Report 04/23/12 11:47:23 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41860	--	--	--	--	--	--
SDev	161.2203	--	--	--	--	--	--
%RSD	.3851418	--	--	--	--	--	--
#1	41746	--	--	--	--	--	--
#2	41974	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-2-c ms Operator: DCL
Run Time: 04/23/12 11:47:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.351	1.0891	1.0748	1.1049	.51412	1.0900	.53289
SDev	.115	.0122	.0129	.0137	.00620	.0129	.00660
%RSD	1.1134	1.1191	1.2037	1.2399	1.2069	1.1868	1.2380
#1	10.432	1.0977	1.0839	1.1146	.51851	1.0991	.53756
#2	10.269	1.0805	1.0656	1.0952	.50974	1.0809	.52823

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	240.21	1.0095	1.0099	3.7230	10.571	.52032	2.1835
SDev	2.61	.0110	.0124	.0483	.124	.00615	.0151
%RSD	1.0860	1.0857	1.2269	1.2981	1.1754	1.1809	.69160
#1	242.06	1.0173	1.0187	3.7571	10.659	.52466	2.1941
#2	238.37	1.0018	1.0012	3.6888	10.484	.51597	2.1728

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0315	13.930	1.1843	1.0823	1.1530	11.749	2.4812
SDev	.0044	.161	.0144	.0064	.0139	.148	.0281
%RSD	.43003	1.1564	1.2130	.58945	1.2050	1.2560	1.1306
#1	1.0346	14.044	1.1945	1.0868	1.1628	11.853	2.5011
#2	1.0283	13.817	1.1742	1.0778	1.1432	11.645	2.4614

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52960	12.999	12.574	.83970	1.0873	1.0306	1.0481
SDev	.00613	.087	.147	.01051	.0008	.0110	.0123
%RSD	1.1572	.67149	1.1721	1.2517	.07733	1.0669	1.1720
#1	.53394	13.061	12.678	.84713	1.0879	1.0384	1.0568
#2	.52527	12.938	12.470	.83227	1.0867	1.0228	1.0394

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0431	8.4367	2.1325	2.2089	.98560	1.0544
SDev	.0123	.0943	.0114	.0169	.00127	.0073
%RSD	1.1780	1.1178	.53558	.76691	.12896	.69129

Analysis Report 04/23/12 11:51:16 AM page 18

#1	1.0517	8.5034	2.1406	2.2209	.98470	1.0595
#2	1.0344	8.3700	2.1244	2.1969	.98649	1.0492

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42014	--	--	--	--	--	--
SDev	280.7214	--	--	--	--	--	--
%RSD	.6681536	--	--	--	--	--	--
#1	41816	--	--	--	--	--	--
#2	42213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-2-d msd Operator: DCL
Run Time: 04/23/12 11:51:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.460	1.1059	1.0796	1.1188	.51986	1.1092	.53930
SDev	.030	.0065	.0021	.0026	.00129	.0032	.00142
%RSD	.28963	.58578	.19295	.22930	.24745	.28612	.26325
#1	10.482	1.1104	1.0781	1.1206	.52077	1.1115	.54031
#2	10.439	1.1013	1.0811	1.1170	.51895	1.1070	.53830

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	244.47	1.0195	1.0198	3.7773	10.698	.52719	2.2274
SDev	.64	.0033	.0022	.0114	.003	.00179	.0093
%RSD	.26001	.32565	.21769	.30253	.02693	.33879	.41958
#1	244.92	1.0218	1.0214	3.7854	10.701	.52845	2.2340
#2	244.02	1.0171	1.0182	3.7692	10.696	.52592	2.2208

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0458	14.110	1.1981	1.1064	1.1572	11.912	2.5196
SDev	.0040	.035	.0035	.0021	.0003	.044	.0078
%RSD	.38343	.24786	.29522	.18829	.02404	.37268	.30909
#1	1.0487	14.135	1.2006	1.1078	1.1570	11.943	2.5251
#2	1.0430	14.086	1.1956	1.1049	1.1574	11.880	2.5141

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53547	13.259	12.742	.85213	1.1054	1.0473	1.0657
SDev	.00138	.065	.042	.00189	.0001	.0037	.0024
%RSD	.25789	.49050	.33073	.22156	.00782	.35370	.22555
#1	.53644	13.305	12.772	.85346	1.1055	1.0499	1.0674
#2	.53449	13.213	12.712	.85079	1.1053	1.0446	1.0640

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/23/12 11:55:14 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0543	8.5749	2.1720	2.2551	1.0006	1.0684
SDev	.0024	.0214	.0059	.0111	.0061	.0030
%RSD	.23178	.24969	.27133	.49097	.61080	.27696
#1	1.0560	8.5901	2.1762	2.2630	1.0049	1.0705
#2	1.0526	8.5598	2.1679	2.2473	.99627	1.0664

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41682	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.1883062	--	--	--	--	--	--
#1	41626	--	--	--	--	--	--
#2	41737	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-3-b Operator: DCL
Run Time: 04/23/12 11:55:17
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02600	-.00118	.00272	.06460	-.00016	.00617	.00007
SDev	.00622	.00235	.00066	.00192	.00002	.00028	.00004
%RSD	23.924	198.46	24.296	2.9668	13.894	4.5687	54.130
#1	.02160	.00048	.00226	.06324	-.00017	.00637	.00005
#2	.03040	-.00284	.00319	.06595	-.00014	.00597	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	292.82	.00052	.00022	.12601	.02320	.00107	.34076
SDev	8.48	.00005	.00050	.00443	.01947	.00035	.01214
%RSD	2.8966	9.8055	231.00	3.5179	83.893	32.936	3.5627
#1	286.82	.00049	-.00014	.12288	.00944	.00082	.33218
#2	298.81	.00056	.00057	.12915	.03697	.00132	.34934

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.07185	.00027	.03571	.01828	.37071	.02809
SDev	.00056	.02252	.00015	.00024	.00201	.14973	.00252
%RSD	49.874	31.350	54.919	.67918	11.002	40.389	8.9705
#1	.00073	.05592	.00017	.03588	.01686	.26484	.02631
#2	.00153	.08778	.00038	.03554	.01970	.47659	.02987

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.88509	.84941	.36193	.00556	.00167	-.00210
SDev	.00027	.18737	.03264	.01025	.00162	.00258	.00006
%RSD	154.42	21.170	3.8431	2.8331	29.207	154.03	2.6547

Analysis Report 04/23/12 11:59:12 AM page 20

#1	-.00002	.75259	.82633	.35468	.00671	-.00015	-.00214
#2	.00036	1.0176	.87250	.36918	.00441	.00350	-.00206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02637	.03977	.32986	.34621	-.00039	.00190
SDev	.00101	.00239	.01493	.01075	.00091	.00039
%RSD	3.8451	6.0029	4.5259	3.1038	231.30	20.648
#1	.02565	.03808	.31930	.33861	-.00104	.00162
#2	.02708	.04145	.34041	.35381	.00025	.00218

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41850	--	--	--	--	--	--
SDev	1317.340	--	--	--	--	--	--
%RSD	3.147803	--	--	--	--	--	--
#1	42781	--	--	--	--	--	--
#2	40918	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-4-b Operator: DCL

Run Time: 04/23/12 11:59:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02522	-.00123	.00030	.06078	-.00019	.00388	.00000
SDev	.00405	.00074	.00229	.00298	.00003	.00039	.00013
%RSD	16.042	59.796	765.42	4.9035	15.309	9.9898	3198.6
#1	.02808	-.00176	-.00132	.06289	-.00021	.00415	-.00008
#2	.02236	-.00071	.00191	.05867	-.00017	.00360	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	279.80	.00055	-.00005	.22216	.01563	.00079	1.2124
SDev	13.96	.00003	.00027	.01150	.00335	.00032	.0485
%RSD	4.9876	4.4514	575.94	5.1764	21.415	40.954	4.0033
#1	289.67	.00057	-.00024	.23029	.01327	.00102	1.2467
#2	269.93	.00053	.00014	.21402	.01800	.00056	1.1781

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.05516	.00026	.02762	.01281	.25545	.03312
SDev	.00070	.02551	.00005	.00110	.00042	.16074	.00563
%RSD	30.406	46.247	17.792	3.9830	3.2493	62.925	17.000
#1	.00280	.07320	.00023	.02840	.01310	.36911	.03710
#2	.00181	.03712	.00029	.02684	.01251	.14179	.02914

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 04/23/12 12:03:11 PM page 21

Avge	-.00032	.82130	.79075	.36651	-.00056	.00035	-.00205
SDev	.00008	.00200	.04804	.01841	.00072	.00025	.00002
%RSD	23.286	.24320	6.0758	5.0222	128.15	72.758	.81145
#1	-.00038	.81989	.82472	.37953	-.00108	.00017	-.00206
#2	-.00027	.82271	.75678	.35350	-.00005	.00052	-.00204

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02633	.09570	1.1804	1.2284	.00161	.00266
SDev	.00154	.00516	.0442	.0507	.00283	.00036
%RSD	5.8601	5.3915	3.7481	4.1258	176.14	13.646
#1	.02742	.09935	1.2117	1.2643	.00361	.00240
#2	.02524	.09205	1.1491	1.1926	-.00040	.00291

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42918	--	--	--	--	--	--
SDev	1682.914	--	--	--	--	--	--
%RSD	3.921232	--	--	--	--	--	--
#1	41728	--	--	--	--	--	--
#2	44108	--	--	--	--	--	--

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--------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53716-a-5-b        Operator: DCL
Run Time: 04/23/12 12:03:14
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .02684    -.00068   .00008    .06283    -.00025   .00425    .00003
 SDev    .00350     .00257   .00045    .00036     .00001   .00053    .00009
 %RSD    13.044    380.88    574.42    .56924    3.8670    12.428    327.80

 #1      .02436    -.00249   -.00024   .06258    -.00026   .00387    -.00004
 #2      .02931    .00114    .00040    .06308    -.00025   .00462    .00009

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    299.73    .00027    -.00035   .10353    -.00326   .00111    1.6675
 SDev      1.78    .00003     .00052   .00089     .03374   .00003     .0010
 %RSD    .59345    11.502    151.08    .86427    1033.9    2.9159    .06154

 #1      298.47    .00030    -.00072   .10289    -.02712   .00108    1.6682
 #2      300.99    .00025    .00002    .10416    .02059    .00113    1.6668

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00082   .07796    .00006    .02797    .00730    .49197    .02830
 SDev     .00220   .00281    .00008    .00097    .00011    .01180    .00171
 %RSD    266.90    3.6054    135.43    3.4857    1.4987    2.3977    6.0465

 #1      .00073    .07597    .00000    .02728    .00722    .48362    .02709

Analysis Report                          04/23/12 12:07:08 PM        page 22


 #2      -.00238   .07994    .00012    .02866    .00738    .50031    .02951

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00089   .67217    .82408    .39553    -.00180   -.00063   -.00228
 SDev     .00035   .17215    .00511    .00240     .00078    .00180    .00004
 %RSD    39.332    25.611    .61956    .60694    43.342    285.25    1.6581

 #1      -.00113   .55044    .82047    .39384    -.00235   -.00191   -.00231
 #2      -.00064   .79390    .82769    .39723    -.00125   .00064    -.00226

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .02221    .06209    1.6224    1.6900    -.00270   .00011
 SDev    .00011    .00031     .0055     .0043     .00216   .00438
 %RSD    .47418    .50521    .33603    .25237    79.871    3843.4

 #1      .02228    .06186    1.6186    1.6931    -.00422   .00321
 #2      .02214    .06231    1.6263    1.6870    -.00117   -.00298

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    41164     --        --        --        --        --        --
 SDev    157.6848  --        --        --        --        --        --
 %RSD    .3830695  --        --        --        --        --        --
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#1	41275	--	--	--	--	--	--
#2	41052	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-6-b Operator: DCL
Run Time: 04/23/12 12:07:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03098	-.00438	.00180	.05254	-.00028	.00512	.00003
SDev	.00082	.00026	.00043	.00024	.00000	.00075	.00020
%RSD	2.6637	6.0247	23.803	.45703	.84542	14.684	788.18
#1	.03156	-.00456	.00211	.05271	-.00027	.00565	.00016
#2	.03039	-.00419	.00150	.05237	-.00028	.00459	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	294.29	.00040	.00048	.08497	.02137	.00101	.48511
SDev	1.81	.00038	.00008	.00065	.01005	.00008	.00512
%RSD	.61348	94.836	17.543	.76402	47.033	8.2830	1.0560
#1	295.56	.00067	.00042	.08543	.02848	.00107	.48873
#2	293.01	.00013	.00054	.08451	.01426	.00095	.48148

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	.07513	.00037	.02834	.01186	.43890	.02861

SDev	.00236	.00711	.00004	.00132	.00006	.04606	.00102
%RSD	70.694	9.4702	11.725	4.6696	.51953	10.495	3.5755
#1	.00500	.08016	.00040	.02927	.01190	.47147	.02933
#2	.00167	.07010	.00034	.02740	.01182	.40632	.02788

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.75504	.73226	.36674	.00112	.00166	-.00232
SDev	.00002	.07312	.00831	.00195	.00228	.00041	.00009
%RSD	13.840	9.6837	1.1345	.53222	204.15	24.494	4.0075
#1	.00018	.80674	.73813	.36812	-.00049	.00195	-.00225
#2	.00015	.70334	.72638	.36536	.00273	.00137	-.00239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02409	.07515	.46963	.49284	.00341	.00330
SDev	.00041	.00025	.00829	.00354	.00125	.00416
%RSD	1.6873	.33694	1.7651	.71808	36.583	126.21
#1	.02437	.07533	.47549	.49535	.00253	.00624
#2	.02380	.07497	.46377	.49034	.00430	.00035

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41658	--	--	--	--	--	--

SDev	344.3610	--	--	--	--	--	--
%RSD	.8266483	--	--	--	--	--	--
#1	41414	--	--	--	--	--	--
#2	41901	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-7-b Operator: DCL
Run Time: 04/23/12 12:11:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03182	-.00079	.00075	.06687	-.00028	.00522	.00004
SDev	.00324	.00061	.00152	.00045	.00002	.00035	.00006
%RSD	10.187	77.992	202.17	.67498	5.3609	6.7718	145.40
#1	.02953	-.00035	-.00032	.06719	-.00029	.00497	.00008
#2	.03412	-.00122	.00182	.06655	-.00027	.00547	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	290.50	.00028	.00030	.12518	.01871	.00097	.73739
SDev	1.68	.00018	.00022	.00024	.00618	.00002	.00426
%RSD	.57881	63.389	72.012	.19392	33.026	1.9063	.57767
#1	291.69	.00016	.00015	.12536	.01434	.00095	.74040

#2	289.31	.00041	.00046	.12501	.02308	.00098	.73438

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	.06861	.00003	.02690	.01193	.36022	.03103
SDev	.00173	.00416	.00004	.00022	.00045	.00402	.00088
%RSD	89.553	6.0578	131.06	.80974	3.8014	1.1174	2.8219
#1	.00071	.06567	.00000	.02675	.01161	.35737	.03041
#2	.00316	.07155	.00006	.02705	.01226	.36306	.03165

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.81434	.78191	.35078	-.00159	.00163	-.00219
SDev	.00057	.18907	.00538	.00222	.00163	.00108	.00022
%RSD	1329.3	23.218	.68788	.63180	102.90	66.145	10.206
#1	-.00045	.68064	.78572	.35235	-.00274	.00087	-.00235
#2	.00036	.94803	.77811	.34921	-.00043	.00240	-.00203

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02105	.06168	.71262	.74977	.00321	.00130
SDev	.00012	.00020	.00281	.00499	.00062	.00291
%RSD	.57995	.33176	.39379	.66505	19.353	224.51
#1	.02097	.06182	.71460	.75330	.00365	-.00076
#2	.02114	.06153	.71063	.74625	.00277	.00335

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41666	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0526102	--	--	--	--	--	--
#1	41650	--	--	--	--	--	--
#2	41681	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 12:15:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4755	.50269	.51068	.50747	.49951	.51190	.52118
SDev	.0044	.00148	.00032	.00226	.00222	.00242	.00179
%RSD	.17927	.29378	.06196	.44529	.44417	.47308	.34320
#1	2.4787	.50165	.51091	.50907	.50108	.51361	.52244
#2	2.4724	.50374	.51046	.50587	.49794	.51019	.51991

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.713	.49393	.49378	.50322	2.6504	.47135	.50741
SDev	.007	.00145	.00214	.00194	.0041	.00163	.00134
%RSD	.05315	.29401	.43329	.38567	.15622	.34578	.26455
#1	12.718	.49495	.49530	.50459	2.6474	.47251	.50836
#2	12.708	.49290	.49227	.50185	2.6533	.47020	.50646

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50306	5.0595	.49595	.51455	.52947	12.501	.96112
SDev	.00096	.0172	.00201	.00345	.00117	.031	.00280
%RSD	.19002	.33985	.40493	.66965	.22106	.24402	.29077
#1	.50239	5.0717	.49737	.51211	.53029	12.523	.96310
#2	.50374	5.0473	.49453	.51698	.52864	12.480	.95914

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25175	12.936	12.097	.25418	.53392	.50030	.51405
SDev	.00088	.138	.049	.00101	.00705	.00556	.00186
%RSD	.34934	1.0648	.40327	.39569	1.3211	1.1123	.36113
#1	.25237	12.838	12.131	.25489	.52894	.50423	.51536
#2	.25113	13.033	12.063	.25347	.53891	.49636	.51273

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50400	.52296	.48901	.51661	.47134	.51899
SDev	.00134	.00186	.00047	.00225	.00214	.00036
%RSD	.26593	.35597	.09602	.43519	.45465	.06981
#1	.50495	.52427	.48868	.51820	.46982	.51873
#2	.50306	.52164	.48935	.51502	.47285	.51924

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42405	--	--	--	--	--	--
SDev	107.4802	--	--	--	--	--	--
%RSD	.2534612	--	--	--	--	--	--
#1	42481	--	--	--	--	--	--
#2	42329	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 12:19:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02580	-.00363	-.00098	-.00002	-.00028	.00088	.00001
SDev	.00160	.00042	.00278	.00001	.00001	.00005	.00000
%RSD	6.2126	11.484	282.81	51.172	2.9639	5.2324	17.964

#1	.02694	-.00334	.00098	-.00001	-.00029	.00091	.00001
#2	.02467	-.00393	-.00295	-.00002	-.00028	.00085	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	-.00050	-.00050	-.00211	-.00751	.00079	.00037
SDev	.00462	.00003	.00002	.00001	.00870	.00005	.00068
%RSD	519.68	6.5645	4.6969	.69177	115.95	6.0246	183.32
#1	-.00238	-.00053	-.00049	-.00210	-.00135	.00082	.00085
#2	.00415	-.00048	-.00052	-.00212	-.01366	.00075	-.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.06549	-.00004	.00170	-.00014	.34866	-.00407
SDev	.00027	.00363	.00002	.00043	.00007	.02289	.00028
%RSD	64.118	5.5474	48.518	25.203	48.689	6.5657	6.9414
#1	.00023	.06806	-.00005	.00140	-.00009	.36484	-.00387
#2	.00061	.06292	-.00003	.00200	-.00019	.33247	-.00427

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	-.10725	.03319	-.00007	.00193	-.00119	-.00003
SDev	.00002	.04161	.00275	.00001	.00013	.00047	.00003
%RSD	2.0845	38.797	8.2719	21.377	6.9343	39.662	101.73
#1	-.00099	-.07783	.03513	-.00008	.00183	-.00085	-.00001
#2	-.00101	-.13668	.03125	-.00006	.00202	-.00152	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00114	.00069	.00021	-.00177	.00151
SDev	.00000	.00001	.00375	.00289	.00730	.00325
%RSD	15.729	.84209	540.28	1407.5	413.28	214.70

#1	-.00003	.00115	-.00196	.00225	-.00693	.00381
#2	-.00002	.00113	.00335	-.00184	.00340	-.00078

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42469	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.2630692	--	--	--	--	--	--
#1	42390	--	--	--	--	--	--
#2	42548	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77502/1-d Operator: DCL
Run Time: 04/23/12 12:23:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02945	-.00272	.00232	.00195	-.00029	.00272	-.00006
SDev	.00064	.00095	.00031	.00002	.00000	.00039	.00002
%RSD	2.1801	35.076	13.228	1.0064	.70874	14.429	36.527
#1	.02900	-.00340	.00211	.00193	-.00029	.00244	-.00005
#2	.02991	-.00205	.00254	.00196	-.00030	.00299	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17962	.00022	-.00003	-.00147	.00564	.00074	-.00003
SDev	.00145	.00009	.00022	.00005	.02775	.00003	.00022
%RSD	.80971	42.994	793.26	3.1541	491.68	4.6579	738.65
#1	.18065	.00015	-.00018	-.00151	-.01398	.00077	-.00019
#2	.17859	.00028	.00013	-.00144	.02526	.00072	.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00271	.06747	.00014	.00067	-.00025	.33088	.01070
SDev	.00179	.00428	.00004	.00025	.00032	.01762	.00179
%RSD	66.306	6.3454	27.276	37.802	128.56	5.3262	16.776
#1	.00144	.07050	.00011	.00085	-.00002	.34334	.00943
#2	.00398	.06444	.00017	.00049	-.00048	.31842	.01197

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	.34478	.36106	.00028	-.00005	-.00036	.00011
SDev	.00079	.17936	.00642	.00000	.00051	.00070	.00001
%RSD	117.23	52.022	1.7781	1.5478	1001.3	195.55	4.2087
#1	-.00122	.21795	.36559	.00028	-.00042	-.00085	.00010
#2	-.00011	.47161	.35652	.00028	.00031	.00014	.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	-.00124	.00014	-.00011	-.00200	.00506

SDev	.00005	.00011	.00297	.00181	.00040	.00289
%RSD	4.1467	8.8025	2115.3	1578.5	20.111	57.163
#1	.00124	-.00132	.00224	-.00140	-.00172	.00302
#2	.00131	-.00117	-.00196	.00117	-.00229	.00711

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42659	--	--	--	--	--	--
SDev	281.4285	--	--	--	--	--	--
%RSD	.6597166	--	--	--	--	--	--
#1	42460	--	--	--	--	--	--
#2	42858	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52933-b-14-e Operator: DCL
Run Time: 04/23/12 12:27:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78320	-.00396	.00070	.00642	-.00031	.01761	-.00008
SDev	.00055	.00068	.00212	.00005	.00001	.00161	.00012
%RSD	.06997	17.178	303.49	.81709	2.2658	9.1667	158.57
#1	.78359	-.00444	.00220	.00639	-.00032	.01647	-.00016
#2	.78281	-.00348	-.00080	.00646	-.00031	.01875	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65494	.00057	-.00001	-.00192	.41202	.00119	.00067
SDev	.00038	.00005	.00003	.00029	.00690	.00003	.00032
%RSD	.05774	8.2826	237.08	15.126	1.6758	2.2667	48.081
#1	.65521	.00060	.00001	-.00213	.40714	.00117	.00090
#2	.65467	.00054	-.00003	-.00172	.41690	.00121	.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	.22729	.00386	.00054	-.00016	.72350	2.0485
SDev	.00286	.00069	.00001	.00034	.00043	.00628	.0008
%RSD	391.13	.30549	.12143	63.012	268.96	.86731	.04130
#1	-.00276	.22680	.00386	.00078	.00014	.71907	2.0491
#2	.00129	.22779	.00387	.00030	-.00046	.72794	2.0479

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	2.9216	2.6768	.00109	-.00293	-.00008	.01761
SDev	.00039	.1089	.0047	.00003	.00013	.00114	.00029
%RSD	90.690	3.7267	.17574	2.7908	4.3956	1359.5	1.6588
#1	-.00071	2.8446	2.6801	.00107	-.00284	-.00089	.01740
#2	-.00015	2.9986	2.6735	.00111	-.00302	.00072	.01782

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00062	.00238	-.00018	-.00170	-.00025
SDev	.00019	.00011	.00047	.00072	.00328	.00266
%RSD	20.788	16.989	19.702	398.53	192.56	1078.5
#1	.00078	.00055	.00205	.00033	-.00403	-.00212
#2	.00105	.00069	.00271	-.00069	.00062	.00163

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42432	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1199842	--	--	--	--	--	--

#1	42468	--	--	--	--	--	--
#2	42396	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52933-b-14-g ms Operator: DCL
Run Time: 04/23/12 12:31:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.777	1.0434	1.0443	1.0491	.50503	1.0675	.52938
SDev	.006	.0023	.0064	.0029	.00128	.0014	.00097
%RSD	.05491	.22291	.61421	.27461	.25265	.13091	.18361
#1	10.773	1.0418	1.0398	1.0471	.50412	1.0665	.52869
#2	10.781	1.0451	1.0489	1.0512	.50593	1.0684	.53007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.919	1.0023	1.0022	1.0186	11.055	.48487	1.0224
SDev	.023	.0020	.0021	.0008	.037	.00002	.0007
%RSD	.21411	.19786	.21299	.07381	.33335	.00343	.07308
#1	10.903	1.0009	1.0006	1.0181	11.029	.48486	1.0229
#2	10.936	1.0037	1.0037	1.0191	11.081	.48489	1.0218

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99921	10.388	1.0222	1.0662	1.0923	10.738	3.1671
SDev	.00252	.015	.0018	.0079	.0005	.016	.0048
%RSD	.25260	.14687	.17366	.73939	.04689	.15209	.15232
#1	1.0010	10.378	1.0210	1.0606	1.0920	10.750	3.1637
#2	.99742	10.399	1.0235	1.0718	1.0927	10.727	3.1705

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51795	13.193	12.819	.52585	1.0949	1.0093	1.0604
SDev	.00066	.147	.018	.00111	.0051	.0010	.0024
%RSD	.12702	1.1152	.13791	.21121	.46495	.09447	.22681
#1	.51749	13.297	12.831	.52506	1.0913	1.0086	1.0587

#2	.51842	13.088	12.806	.52663	1.0985	1.0100	1.0621

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0203	1.0631	.98335	1.0419	.93765	1.0300
SDev	.0020	.0013	.00146	.0019	.00304	.0053
%RSD	.19772	.12139	.14829	.17755	.32396	.51502
#1	1.0189	1.0621	.98232	1.0432	.93550	1.0337
#2	1.0218	1.0640	.98438	1.0406	.93980	1.0262

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 12:34:55 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42579	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.1693908	--	--	--	--	--	--
#1	42528	--	--	--	--	--	--
#2	42630	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52933-b-14-h msd Operator: DCL
Run Time: 04/23/12 12:34:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.887	1.0556	1.0525	1.0712	.50881	1.0812	.53377
SDev	.055	.0032	.0045	.0045	.00284	.0046	.00357
%RSD	.50071	.29865	.43049	.42471	.55748	.42704	.66885
#1	10.925	1.0578	1.0557	1.0744	.51082	1.0845	.53629
#2	10.848	1.0534	1.0493	1.0680	.50681	1.0780	.53124

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.004	1.0100	1.0096	1.0268	11.170	.49050	1.0319
SDev	.069	.0064	.0058	.0044	.088	.00294	.0083
%RSD	.62753	.63232	.57690	.43117	.78356	.59928	.80904
#1	11.053	1.0145	1.0137	1.0299	11.232	.49258	1.0378
#2	10.955	1.0055	1.0055	1.0236	11.108	.48842	1.0260

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0112	10.449	1.0304	1.0840	1.1043	10.830	3.2282
SDev	.0051	.076	.0059	.0010	.0078	.084	.0180
%RSD	.50117	.72711	.57179	.09049	.70243	.77993	.55840
#1	1.0148	10.503	1.0346	1.0833	1.1097	10.890	3.2409
#2	1.0076	10.395	1.0262	1.0847	1.0988	10.770	3.2154

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52312	13.377	12.973	.53166	1.1066	1.0200	1.0811
SDev	.00338	.402	.064	.00230	.0022	.0088	.0050

%RSD	.64700	3.0071	.49599	.43317	.20182	.85929	.46590
#1	.52552	13.662	13.019	.53328	1.1082	1.0262	1.0846
#2	.52073	13.093	12.928	.53003	1.1050	1.0138	1.0775

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0288	1.0728	.98906	1.0534	.94645	1.0436
SDev	.0057	.0057	.00792	.0086	.01221	.0015
%RSD	.55364	.53321	.80103	.81280	1.2901	.14341
#1	1.0328	1.0769	.99466	1.0594	.95508	1.0446

#2	1.0248	1.0688	.98345	1.0473	.93781	1.0425	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42441	--	--	--	--	--	--
SDev	342.2397	--	--	--	--	--	--
%RSD	.8063893	--	--	--	--	--	--
#1	42199	--	--	--	--	--	--
#2	42683	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53708-b-1-f Operator: DCL
Run Time: 04/23/12 12:38:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8416	-.00004	.00159	.01088	-.00028	.01484	.00012
SDev	.0297	.00105	.00018	.00024	.00002	.00146	.00016
%RSD	1.6136	2466.2	11.369	2.2132	5.2914	9.8377	141.86
#1	1.8626	.00070	.00146	.01105	-.00027	.01587	.00023
#2	1.8206	-.00078	.00171	.01071	-.00030	.01380	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91873	.00191	.00073	-.00113	.78841	.00173	.00072
SDev	.00956	.00052	.00043	.00075	.02041	.00012	.00003
%RSD	1.0410	27.425	58.734	66.554	2.5894	6.8156	4.8148
#1	.92549	.00228	.00103	-.00060	.80284	.00181	.00070
#2	.91196	.00154	.00043	-.00166	.77397	.00164	.00075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.23616	.00295	.00403	.00054	.46173	2.8642
SDev	.00072	.00853	.00012	.00175	.00049	.04206	.0412
%RSD	77.782	3.6127	4.0366	43.497	89.731	9.1105	1.4393
#1	.00145	.24220	.00304	.00527	.00089	.49147	2.8933
#2	.00042	.23013	.00287	.00279	.00020	.43198	2.8350

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00024	3.4084	3.0221	.00350	.00282	-.00026	.06237
SDev	.00007	.1442	.0331	.00008	.00200	.00088	.00141
%RSD	30.432	4.2300	1.0954	2.2703	71.053	335.79	2.2648
#1	.00019	3.5104	3.0455	.00356	.00424	.00036	.06336
#2	.00030	3.3065	2.9987	.00345	.00140	-.00089	.06137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	-.00032	.00327	-.00055	.00090	.00095

SDev	.00049	.00008	.00024	.00017	.00147	.00182
%RSD	17.021	26.298	7.2927	31.032	162.94	192.35
#1	.00320	-.00026	.00344	-.00067	-.00014	.00224
#2	.00251	-.00038	.00310	-.00043	.00194	-.00034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42530	--	--	--	--	--	--
SDev	300.5204	--	--	--	--	--	--
%RSD	.7065997	--	--	--	--	--	--
#1	42318	--	--	--	--	--	--
#2	42743	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77621/1-b Operator: DCL
Run Time: 04/23/12 12:42:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04244	-.00038	.00066	.00674	-.00042	.01126	-.00011
SDev	.00597	.00444	.00316	.00020	.00001	.00106	.00017
%RSD	14.061	1153.4	481.92	2.9385	2.6083	9.4101	156.40
#1	.04666	.00275	.00289	.00688	-.00041	.01201	-.00023
#2	.03822	-.00352	-.00158	.00660	-.00043	.01051	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06417	.00031	-.00042	-.00020	.00887	.00111	.00118
SDev	.00051	.00045	.00048	.00085	.02292	.00002	.00076
%RSD	.79342	143.83	112.98	428.53	258.47	1.5441	64.471
#1	.06453	.00063	-.00076	.00040	-.00734	.00113	.00064
#2	.06381	-.00001	-.00009	-.00080	.02508	.00110	.00172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.08856	.00020	.00095	-.00019	.47205	.01254
SDev	.00142	.00819	.00004	.00081	.00060	.03649	.00543
%RSD	416.56	9.2474	20.947	85.832	322.28	7.7309	43.284
#1	.00066	.09435	.00023	.00037	-.00061	.49785	.01638
#2	-.00134	.08277	.00017	.00152	.00024	.44624	.00870

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	177.97	137.53	.00014	-.00485	.00074	-.00009
SDev	.00046	1.47	1.01	.00005	.00129	.00148	.00019
%RSD	87.507	.82776	.73512	33.400	26.632	200.90	222.03
#1	-.00085	179.01	138.25	.00017	-.00576	.00178	.00005
#2	-.00020	176.93	136.82	.00010	-.00393	-.00031	-.00022

Analysis Report 04/23/12 12:46:49 PM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00191	.00602	-.00124	-.00326	.00112
SDev	.00052	.00024	.00180	.00204	.00036	.00194
%RSD	836.02	12.647	29.899	165.41	11.058	173.31
#1	.00043	.00208	.00729	-.00268	-.00301	.00250
#2	-.00031	.00174	.00475	.00021	-.00352	-.00025

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41280	--	--	--	--	--	--
SDev	347.1894	--	--	--	--	--	--
%RSD	.8410495	--	--	--	--	--	--
#1	41035	--	--	--	--	--	--
#2	41526	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53219-a-1-e Operator: DCL
Run Time: 04/23/12 12:46:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13680	.00023	-.00007	.07710	-.00045	.32662	.00014
SDev	.00247	.00166	.00069	.00008	.00000	.00121	.00006
%RSD	1.8042	710.57	945.36	.10458	.81920	.36933	40.393
#1	.13854	-.00094	-.00056	.07716	-.00046	.32576	.00010
#2	.13505	.00141	.00041	.07704	-.00045	.32747	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.349	.00119	.00056	.00896	1.2076	.00224	.00664
SDev	.042	.00001	.00003	.00016	.0148	.00009	.00056
%RSD	.37219	1.0252	5.1412	1.7716	1.2272	3.8547	8.4066
#1	11.379	.00120	.00054	.00907	1.2181	.00230	.00624
#2	11.319	.00118	.00058	.00885	1.1971	.00218	.00703

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.74227	.05052	.00681	.00514	1.2837	3.4234
SDev	.00005	.01193	.00023	.00030	.00065	.0551	.0043
%RSD	2.8916	1.6070	.45168	4.3397	12.554	4.2951	.12617
#1	.00174	.75071	.05068	.00702	.00560	1.3227	3.4265

#2	.00181	.73384	.05036	.00660	.00469	1.2447	3.4204

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	72.705	62.696	.02699	-.00278	.00159	.00507
SDev	.00047	.140	.202	.00007	.00499	.00147	.00006

Analysis Report 04/23/12 12:50:48 PM page 34

%RSD	328.20	.19279	.32187	.24486	179.15	92.724	1.1745
#1	.00019	72.804	62.553	.02704	-.00631	.00263	.00511
#2	-.00047	72.606	62.838	.02694	.00074	.00055	.00502

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.57797	.00814	.00588	-.00331	.00432
SDev	.00015	.00151	.00030	.00069	.00087	.00036
%RSD	8.8662	.26123	3.7046	11.660	26.340	8.3027
#1	.00179	.57904	.00793	.00540	-.00392	.00457
#2	.00158	.57690	.00835	.00637	-.00269	.00406

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41783	--	--	--	--	--	--
SDev	403.0509	--	--	--	--	--	--
%RSD	.9646288	--	--	--	--	--	--
#1	41498	--	--	--	--	--	--
#2	42068	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53560-a-1-e Operator: DCL
Run Time: 04/23/12 12:50:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8621	.98389	1.0214	1.0341	.48024	1.0379	.50718
SDev	.0505	.00295	.0060	.0057	.00287	.0045	.00241
%RSD	.51243	.29992	.59193	.55235	.59804	.43289	.47409
#1	9.8978	.98598	1.0256	1.0382	.48227	1.0411	.50888
#2	9.8264	.98180	1.0171	1.0301	.47821	1.0347	.50548

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.464	.96156	.95056	.99023	10.613	1.0477	.99663
SDev	.486	.00590	.00588	.00561	.074	.0067	.00346
%RSD	.62701	.61406	.61847	.56657	.70060	.63929	.34681
#1	77.807	.96573	.95472	.99420	10.666	1.0525	.99908
#2	77.120	.95738	.94640	.98626	10.561	1.0430	.99419

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98247	10.135	1.2305	1.0193	1.0401	12.965	1.2817
SDev	.00056	.069	.0067	.0031	.0081	.093	.0079
%RSD	.05743	.67682	.54722	.30174	.77863	.71693	.61975

#1	.98207	10.183	1.2353	1.0215	1.0458	13.030	1.2873
#2	.98286	10.086	1.2258	1.0171	1.0343	12.899	1.2761

Analysis Report 04/23/12 12:54:47 PM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50156	198.38	153.21	.65124	1.0782	.96881	1.0042
SDev	.00369	1.99	1.27	.00340	.0084	.00565	.0048
%RSD	.73500	1.0037	.82908	.52276	.77769	.58323	.47794
#1	.50416	199.79	154.11	.65364	1.0842	.97280	1.0076
#2	.49895	196.97	152.32	.64883	1.0723	.96481	1.0008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98061	1.3366	.95098	1.0195	.91774	1.0148
SDev	.00583	.0073	.01013	.0001	.00815	.0049
%RSD	.59465	.54875	1.0657	.01150	.88848	.48514
#1	.98474	1.3418	.95814	1.0195	.92350	1.0114
#2	.97649	1.3314	.94381	1.0194	.91197	1.0183

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41533	--	--	--	--	--	--
SDev	135.7645	--	--	--	--	--	--
%RSD	.3268834	--	--	--	--	--	--
#1	41437	--	--	--	--	--	--
#2	41629	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53560-a-1-e@5 Operator: DCL
Run Time: 04/23/12 12:54:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04543	.00147	.00056	.00658	-.00042	.00626	-.00006
SDev	.00300	.00200	.00042	.00009	.00003	.00021	.00002
%RSD	6.6043	136.24	74.112	1.4007	7.4610	3.3755	35.246
#1	.04331	.00288	.00085	.00652	-.00045	.00641	-.00007
#2	.04755	.00005	.00027	.00665	-.00040	.00611	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.787	.00020	.00004	-.00178	.09523	.00127	.00050
SDev	.056	.00029	.00048	.00038	.00994	.00009	.00144
%RSD	.40422	146.12	1134.3	21.109	10.441	7.0067	288.99
#1	13.826	-.00001	-.00030	-.00205	.08820	.00121	-.00052
#2	13.747	.00041	.00038	-.00151	.10226	.00133	.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.16255	.05106	.00314	.00047	.50901	.05277

SDev	.00485	.00513	.00008	.00056	.00013	.03513	.00064
%RSD	1202.4	3.1536	.15900	17.722	26.638	6.9011	1.2172

Analysis Report 04/23/12 12:58:45 PM page 36

#1	.00384	.15892	.05111	.00353	.00038	.48417	.05322
#2	-.00303	.16617	.05100	.00274	.00056	.53385	.05231

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	32.568	28.994	.03034	-.00107	.00081	-.00001
SDev	.00046	.079	.159	.00006	.00373	.00237	.00014
%RSD	268.22	.24263	.54898	.18735	347.70	294.35	931.83

#1	-.00050	32.623	29.107	.03038	-.00371	-.00087	-.00011
#2	.00016	32.512	28.882	.03030	.00157	.00249	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.06021	.00042	.00054	-.00522	.00322
SDev	.00019	.00017	.00121	.00156	.00682	.00387
%RSD	327.82	.28607	286.33	290.04	130.52	120.31

#1	-.00019	.06033	-.00043	-.00056	-.00040	.00595
#2	.00008	.06009	.00128	.00164	-.01004	.00048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42162	--	--	--	--	--	--
SDev	243.2447	--	--	--	--	--	--
%RSD	.5769289	--	--	--	--	--	--

#1	42334	--	--	--	--	--	--
#2	41990	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 12:58:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4514	.50744	.50453	.50864	.48805	.51296	.52293
SDev	.0025	.00061	.00173	.00036	.00008	.00057	.00014
%RSD	.10147	.11955	.34244	.07063	.01585	.11130	.02702

#1	2.4496	.50787	.50331	.50889	.48810	.51256	.52283
#2	2.4531	.50701	.50575	.50838	.48799	.51337	.52303

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.571	.48460	.48357	.49349	2.6447	.47314	.50070
SDev	.011	.00001	.00081	.00005	.0234	.00058	.00127
%RSD	.08608	.00119	.16830	.00931	.88584	.12337	.25448

#1	12.563	.48461	.48299	.49352	2.6281	.47272	.49980
#2	12.578	.48460	.48414	.49345	2.6612	.47355	.50160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49264	4.9878	.48908	.51500	.52945	12.561	.94912
SDev	.00434	.0106	.00027	.00042	.00067	.034	.00347
%RSD	.88022	.21190	.05546	.08073	.12555	.26783	.36528
#1	.48957	4.9803	.48928	.51470	.52992	12.538	.94667
#2	.49571	4.9952	.48889	.51529	.52898	12.585	.95158

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24989	12.944	12.112	.25558	.54103	.49228	.50977
SDev	.00037	.063	.008	.00023	.00210	.00017	.00018
%RSD	.14927	.48503	.06536	.09120	.38774	.03403	.03629
#1	.24963	12.900	12.107	.25575	.53955	.49216	.50964
#2	.25015	12.989	12.118	.25542	.54252	.49240	.50990

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49655	.52451	.47653	.51279	.45718	.51042
SDev	.00067	.00011	.00180	.00281	.00128	.00587
%RSD	.13520	.02056	.37777	.54825	.27990	1.1490
#1	.49608	.52443	.47780	.51080	.45628	.50628
#2	.49703	.52459	.47525	.51478	.45809	.51457

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42028	--	--	--	--	--	--
SDev	229.1026	--	--	--	--	--	--
%RSD	.5451190	--	--	--	--	--	--
#1	42190	--	--	--	--	--	--
#2	41866	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 13:02:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04504	-.00142	-.00054	.00007	-.00047	.00198	-.00005
SDev	.00807	.00412	.00075	.00023	.00002	.00193	.00013
%RSD	17.912	290.48	139.46	345.82	3.9026	97.533	274.96
#1	.03934	-.00434	-.00106	-.00010	-.00048	.00061	-.00014
#2	.05075	.00150	-.00001	.00023	-.00046	.00334	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01015	.00027	-.00054	-.00242	-.00098	.00100	-.00024
SDev	.00135	.00137	.00071	.00066	.04016	.00006	.00069
%RSD	13.275	501.12	129.83	27.056	4087.5	6.2814	283.13

#1	-.01110	-.00069	-.00104	-.00288	-.02938	.00096	.00024
#2	-.00919	.00124	-.00004	-.00196	.02741	.00105	-.00073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00236	.07717	.00003	.00171	-.00015	.42582	-.00435
SDev	.00072	.00778	.00020	.00018	.00072	.04119	.00662
%RSD	30.423	10.076	655.31	10.489	495.32	9.6728	152.08

#1	.00185	.07167	-.00011	.00184	-.00065	.39669	-.00903
#2	.00286	.08267	.00017	.00158	.00036	.45494	.00033

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.02037	.04219	-.00007	.00221	-.00072	-.00008
SDev	.00136	.35033	.00436	.00011	.00049	.00069	.00034
%RSD	429.00	1719.6	10.334	144.07	22.338	95.151	438.66

#1	-.00128	-.26809	.03911	-.00015	.00256	-.00121	-.00032
#2	.00065	.22734	.04528	.00000	.00186	-.00024	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00053	.00205	-.00139	.00293	.00207
SDev	.00124	.00019	.00242	.00225	.00132	.00042
%RSD	598.31	36.418	118.14	161.58	44.989	20.135

#1	-.00067	.00039	.00034	.00020	.00200	.00178
#2	.00109	.00066	.00376	-.00298	.00386	.00237

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41742	--	--	--	--	--	--
SDev	154.8564	--	--	--	--	--	--
%RSD	.3709890	--	--	--	--	--	--

#1	41851	--	--	--	--	--	--
#2	41632	--	--	--	--	--	--

Analysis Report 04/23/12 01:27:11 PM page 1

Method: 20076010 Sample Name: mb 600-77700/1-a Operator: DCL
Run Time: 04/23/12 13:23:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06694	-.00334	.00121	.00026	-.00059	.00178	-.00002
SDev	.00027	.00035	.00103	.00007	.00000	.00081	.00014
%RSD	.40421	10.551	84.938	27.292	.53061	45.710	900.57

#1	.06675	-.00309	.00048	.00021	-.00059	.00236	.00008
#2	.06713	-.00359	.00194	.00031	-.00060	.00121	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.03844	.00012	.00033	-.00184	.03516	.00108	.00012
SDev	.00087	.00024	.00041	.00007	.00588	.00001	.00074
%RSD	2.2645	202.25	125.23	3.7567	16.722	1.1001	618.19
#1	.03782	-.00005	.00061	-.00189	.03932	.00109	-.00040
#2	.03905	.00029	.00004	-.00179	.03101	.00107	.00064

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.08380	.00010	.00052	.00004	.41203	-.00070
SDev	.00106	.00059	.00006	.00081	.00005	.00051	.00072
%RSD	82.870	.70457	59.213	156.95	113.04	.12373	102.87
#1	.00053	.08422	.00006	.00109	.00001	.41239	-.00019
#2	.00203	.08339	.00014	-.00006	.00007	.41167	-.00120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.15432	.03944	.00022	-.00007	.00213	-.00003
SDev	.00037	.13283	.00010	.00002	.00090	.00172	.00020
%RSD	106.94	86.075	.25658	7.0869	1244.7	80.648	735.88
#1	.00061	.24825	.03951	.00023	.00056	.00335	-.00017
#2	.00008	.06040	.03937	.00021	-.00071	.00092	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00032	.00233	-.00098	.00041	.00172
SDev	.00007	.00006	.00117	.00053	.00187	.00253
%RSD	72.628	20.109	50.443	53.443	460.66	147.04
#1	.00015	-.00028	.00150	-.00136	.00173	-.00007
#2	.00005	-.00037	.00316	-.00061	-.00092	.00351

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41822	--	--	--	--	--	--
SDev	125.1579	--	--	--	--	--	--
%RSD	.2992597	--	--	--	--	--	--

#1	41734	--	--	--	--	--	--
#2	41911	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77700/2-a Operator: DCL
Run Time: 04/23/12 13:27:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9273	1.0512	1.0432	1.0630	.49232	1.0517	.53729
SDev	.0371	.0009	.0028	.0033	.00123	.0022	.00116
%RSD	.37347	.08425	.26572	.31082	.25084	.20774	.21622
#1	9.9536	1.0506	1.0451	1.0653	.49319	1.0533	.53811
#2	9.9011	1.0518	1.0412	1.0607	.49144	1.0502	.53647

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.274	.99167	.98873	1.0107	10.737	.49122	1.0225
SDev	.030	.00295	.00238	.0044	.003	.00147	.0038
%RSD	.29183	.29764	.24103	.43703	.02434	.29982	.37309
#1	10.295	.99376	.99041	1.0138	10.739	.49226	1.0252
#2	10.252	.98958	.98704	1.0076	10.735	.49018	1.0198

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98747	10.137	1.0151	1.0651	1.0938	10.737	.97738
SDev	.00497	.026	.0028	.0018	.0040	.038	.00055
%RSD	.50334	.25389	.27333	.17034	.36977	.35208	.05592
#1	.98395	10.156	1.0170	1.0638	1.0966	10.764	.97776
#2	.99098	10.119	1.0131	1.0664	1.0909	10.711	.97699

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52139	10.159	10.110	.53676	1.1270	.99310	1.0401
SDev	.00157	.179	.050	.00199	.0025	.00086	.0025
%RSD	.30049	1.7635	.49719	.37006	.22595	.08704	.24186
#1	.52250	10.032	10.145	.53817	1.1252	.99249	1.0419
#2	.52028	10.286	10.074	.53536	1.1288	.99371	1.0383

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0143	1.0763	.95967	1.0539	.90342	1.0295
SDev	.0035	.0038	.00168	.0049	.00882	.0030
%RSD	.34935	.35432	.17523	.46318	.97654	.29571
#1	1.0168	1.0790	.96086	1.0573	.89718	1.0273
#2	1.0118	1.0736	.95848	1.0504	.90966	1.0316

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 01:31:02 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41258	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0274219	--	--	--	--	--	--
#1	41266	--	--	--	--	--	--
#2	41250	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-1-b Operator: DCL
Run Time: 04/23/12 13:31:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23198	.00001	.05737	.09842	-.00064	.61882	-.00013
SDev	.00094	.00222	.00005	.00018	.00001	.00132	.00015
%RSD	.40655	30230.	.08856	.17940	1.0284	.21380	115.25

#1	.23265	.00158	.05741	.09855	-.00065	.61976	-.00024
#2	.23132	-.00156	.05734	.09830	-.00064	.61789	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.686	.00065	-.00010	-.00219	2.9665	.01759	.00021
SDev	.221	.00027	.00008	.00016	.0012	.00009	.00080
%RSD	.28480	41.651	84.472	7.3514	.03972	.52822	386.30

#1	77.842	.00046	-.00004	-.00231	2.9656	.01752	.00077
#2	77.530	.00084	-.00016	-.00208	2.9673	.01765	-.00036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	62.416	.08681	.01227	.00034	1.5567	10.305
SDev	.00105	.163	.00022	.00206	.00053	.0229	.037
%RSD	95.387	.26079	.24963	16.797	157.29	1.4721	.36293

#1	.00184	62.531	.08696	.01373	-.00004	1.5729	10.332
#2	.00036	62.301	.08666	.01081	.00072	1.5405	10.279

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	663.92	399.33	1.0148	.00426	-.00003	.00507
SDev	.00042	2.06	1.77	.0028	.00302	.00267	.00081
%RSD	51.718	.31094	.44396	.27641	70.950	10464.	16.011

#1	-.00111	665.38	400.59	1.0168	.00640	-.00191	.00565
#2	-.00052	662.46	398.08	1.0128	.00212	.00186	.00450

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00289	.00162	-.00050	-.00038	.00184
SDev	.00005	.00142	.00000	.00119	.00252	.00031
%RSD	21.864	49.266	.26271	238.26	663.73	16.985

#1	.00019	.00188	.00163	.00034	.00140	.00206

#2	.00025	.00389	.00162	-.00135	-.00216	.00162

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39826	--	--	--	--	--	--
SDev	156.2706	--	--	--	--	--	--
%RSD	.3923883	--	--	--	--	--	--

#1	39715	--	--	--	--	--	--
#2	39936	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-2-b Operator: DCL
Run Time: 04/23/12 13:34:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2788	-.00173	.07722	.22730	-.00051	.51928	-.00016

SDev	.0125	.00321	.00022	.00068	.00000	.00120	.00009
%RSD	.38202	185.23	.27974	.29710	.33780	.23005	54.915
#1	3.2877	-.00400	.07707	.22778	-.00051	.52012	-.00022
#2	3.2700	.00054	.07737	.22682	-.00050	.51843	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.854	.00311	.00097	.00077	3.5874	.02038	.00117
SDev	.216	.00001	.00017	.00002	.0158	.00014	.00073
%RSD	.35546	.43252	17.605	2.8639	.44064	.68730	62.653
#1	61.007	.00310	.00109	.00079	3.5986	.02047	.00168
#2	60.701	.00311	.00085	.00076	3.5762	.02028	.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	44.371	.18692	.00825	.00272	2.2550	15.828
SDev	.00097	.157	.00044	.00034	.00037	.0376	.035
%RSD	32.489	.35404	.23710	4.0979	13.563	1.6686	.22376
#1	.00231	44.482	.18724	.00849	.00246	2.2816	15.853
#2	.00369	44.260	.18661	.00801	.00298	2.2284	15.803

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	507.86	324.13	.78068	.00012	.00137	.12390
SDev	.00023	2.65	1.68	.00247	.00078	.00115	.00015
%RSD	257.07	.52206	.51791	.31683	646.18	83.826	.12430
#1	.00007	509.74	325.31	.78242	-.00043	.00219	.12401
#2	-.00025	505.99	322.94	.77893	.00067	.00056	.12379

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00571	.00638	.00139	.00105	.00334	.00283

SDev	.00003	.00017	.00137	.00041	.00171	.00061
%RSD	.49518	2.6170	98.059	39.202	50.998	21.550
#1	.00569	.00649	.00236	.00134	.00214	.00240
#2	.00573	.00626	.00043	.00076	.00455	.00326

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40437	--	--	--	--	--	--
SDev	255.9727	--	--	--	--	--	--
%RSD	.6330159	--	--	--	--	--	--
#1	40256	--	--	--	--	--	--
#2	40618	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-3-b Operator: DCL
Run Time: 04/23/12 13:38:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7982	-.00132	.00267	.11421	-.00038	.43282	.00001
SDev	.0671	.00048	.00219	.00087	.00001	.00366	.00005
%RSD	1.1575	36.630	81.922	.76453	3.8691	.84620	413.56
#1	5.8457	-.00098	.00422	.11482	-.00039	.43541	.00004
#2	5.7508	-.00166	.00112	.11359	-.00037	.43023	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.222	.00515	.00200	.00398	3.7546	.03972	.00140
SDev	.485	.00034	.00029	.00008	.0230	.00039	.00029
%RSD	.75497	6.5079	14.444	1.9613	.61313	.98896	20.685
#1	64.565	.00538	.00220	.00404	3.7709	.04000	.00119
#2	63.880	.00491	.00179	.00393	3.7383	.03944	.00160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	37.940	.29489	.00585	.00377	6.9784	21.845
SDev	.00141	.316	.00205	.00087	.00077	.0852	.221
%RSD	122.12	.83407	.69645	14.830	20.464	1.2213	1.0095
#1	.00016	38.164	.29635	.00647	.00432	7.0387	22.001
#2	.00216	37.716	.29344	.00524	.00323	6.9182	21.689

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	406.07	273.10	.71269	-.00009	.00057	.22778
SDev	.00033	3.66	2.04	.00500	.00243	.00093	.00166
%RSD	645.38	.90123	.74810	.70180	2637.8	161.94	.72905
#1	-.00029	408.65	274.54	.71622	.00163	-.00008	.22660
#2	.00018	403.48	271.65	.70915	-.00181	.00123	.22895

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01368	.01065	.00257	.00081	-.00054	.00201
SDev	.00030	.00009	.00051	.00069	.00177	.00300
%RSD	2.2094	.87136	19.785	84.827	328.60	149.79
#1	.01390	.01071	.00293	.00032	.00071	-.00012
#2	.01347	.01058	.00221	.00130	-.00179	.00413

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40800	--	--	--	--	--	--
SDev	278.6001	--	--	--	--	--	--
%RSD	.6828433	--	--	--	--	--	--
#1	40603	--	--	--	--	--	--
#2	40997	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-4-b Operator: DCL
Run Time: 04/23/12 13:42:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13108	-.00086	.02898	.08228	-.00069	.37268	.00048
SDev	.00187	.00168	.00222	.00082	.00001	.00406	.00005
%RSD	1.4276	195.16	7.6777	1.0002	1.2119	1.0904	10.035
#1	.13241	.00033	.03055	.08287	-.00070	.37555	.00052
#2	.12976	-.00205	.02740	.08170	-.00069	.36981	.00045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.828	.00014	.00063	-.00196	.71629	.01937	.00028
SDev	.569	.00013	.00008	.00015	.00729	.00021	.00071
%RSD	1.0763	95.868	13.370	7.7393	1.0173	1.0976	255.86
#1	53.230	.00004	.00069	-.00185	.72144	.01953	.00078
#2	52.426	.00023	.00057	-.00206	.71114	.01922	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	34.520	.09441	.00803	.00052	1.4418	9.4143
SDev	.00033	.387	.00100	.00039	.00012	.0284	.1111
%RSD	46.938	1.1197	1.0552	4.8021	23.794	1.9667	1.1806
#1	.00093	34.793	.09511	.00776	.00043	1.4619	9.4929
#2	.00047	34.247	.09370	.00830	.00061	1.4218	9.3357

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	410.39	276.94	.62072	-.00056	-.00007	.00128
SDev	.00049	4.18	2.92	.00646	.00319	.00101	.00018

%RSD	933.49	1.0196	1.0561	1.0400	569.22	1349.1	14.033
#1	.00029	413.35	279.01	.62529	.00169	-.00079	.00141
#2	-.00040	407.43	274.87	.61616	-.00281	.00064	.00115

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00103	.00273	-.00095	.00297	-.00044
SDev	.00020	.00005	.00024	.00119	.00283	.00092
%RSD	21.361	4.4407	8.7555	125.73	94.998	209.26
#1	.00080	.00106	.00256	-.00010	.00497	-.00109
#2	.00109	.00099	.00290	-.00179	.00098	.00021

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40340	--	--	--	--	--	--
SDev	232.6381	--	--	--	--	--	--
%RSD	.5766863	--	--	--	--	--	--
#1	40176	--	--	--	--	--	--
#2	40505	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-5-b Operator: DCL
Run Time: 04/23/12 13:46:29

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4064	-.00016	.00348	.10725	-.00065	.47778	.00004
SDev	.0123	.00091	.00051	.00036	.00001	.00163	.00003
%RSD	.87536	562.79	14.508	.33832	.88136	.34107	79.474
#1	1.4151	.00048	.00384	.10751	-.00065	.47894	.00006
#2	1.3977	-.00080	.00313	.10700	-.00064	.47663	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.321	.00121	.00069	-.00043	.99988	.02305	.00104
SDev	.294	.00019	.00028	.00021	.01327	.00009	.00027
%RSD	.47989	15.452	41.185	48.880	1.3276	.40409	25.659
#1	61.529	.00134	.00089	-.00028	1.0093	.02311	.00085
#2	61.113	.00108	.00049	-.00058	.99049	.02298	.00123

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	43.230	.14442	.00210	.00148	1.9514	12.493
SDev	.00343	.224	.00068	.00031	.00049	.0172	.060
%RSD	230.52	.51780	.47293	14.942	33.378	.88346	.48088
#1	-.00094	43.388	.14490	.00232	.00113	1.9636	12.536
#2	.00392	43.072	.14393	.00188	.00183	1.9392	12.451

Analysis Report 04/23/12 01:50:17 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	530.78	337.84	.80581	-.00127	-.00087	.04962
SDev	.00005	1.33	.55	.00244	.00363	.00016	.00256
%RSD	11.758	.25106	.16159	.30256	286.68	18.804	5.1648
#1	-.00048	531.72	338.23	.80754	-.00384	-.00098	.04781
#2	-.00040	529.84	337.45	.80409	.00130	-.00075	.05144

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.00295	.00250	.00031	.00506	-.00029
SDev	.00013	.00006	.00047	.00064	.00046	.00492
%RSD	5.8042	2.0793	18.976	208.17	9.1772	1667.6
#1	.00220	.00291	.00284	-.00014	.00473	-.00377
#2	.00238	.00299	.00217	.00076	.00539	.00318

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40043	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0141269	--	--	--	--	--	--
#1	40039	--	--	--	--	--	--
#2	40047	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-d Operator: DCL
Run Time: 04/23/12 13:50:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86950	-.00324	.00056	.17388	-.00065	.55549	-.00004
SDev	.00299	.00267	.00027	.00022	.00001	.00262	.00008
%RSD	.34398	82.446	48.131	.12831	.78496	.47074	230.02
#1	.86738	-.00513	.00075	.17404	-.00064	.55734	-.00009
#2	.87161	-.00135	.00037	.17372	-.00065	.55364	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.90	.00049	.00085	-.00176	.89788	.03900	.00104
SDev	.11	.00019	.00023	.00043	.01533	.00013	.00008
%RSD	.10207	38.224	26.811	24.330	1.7074	.32781	7.4705
#1	102.98	.00036	.00069	-.00206	.88704	.03909	.00098
#2	102.83	.00062	.00102	-.00146	.90872	.03891	.00109

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	64.830	.33039	.00142	.00100	2.7110	11.882
SDev	.00117	.075	.00029	.00012	.00062	.0019	.020
%RSD	209.35	.11566	.08682	8.4326	61.831	.06971	.16916

#1	-.00027	64.883	.33060	.00151	.00056	2.7097	11.896
#2	.00139	64.777	.33019	.00134	.00144	2.7124	11.868

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	661.49	399.52	1.2415	.00160	.00135	.01976
SDev	.00055	2.74	1.57	.0019	.00133	.00007	.00095
%RSD	414.48	.41419	.39411	.15246	83.209	4.9176	4.7978
#1	-.00052	663.42	400.63	1.2428	.00066	.00140	.02043
#2	.00025	659.55	398.40	1.2401	.00254	.00131	.01909

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	.00214	.00269	.00021	.00013	.00077
SDev	.00007	.00003	.00195	.00109	.00177	.00264
%RSD	2.5492	1.2564	72.498	511.59	1326.1	342.13
#1	.00268	.00212	.00407	-.00056	.00139	-.00110
#2	.00278	.00216	.00131	.00099	-.00112	.00264

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39904	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.0832860	--	--	--	--	--	--
#1	39927	--	--	--	--	--	--

#2	39880	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-e du Operator: DCL
Run Time: 04/23/12 13:54:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0676	.00028	.00304	.17866	-.00066	.56567	.00003
SDev	.0070	.00127	.00148	.00058	.00000	.00330	.00007
%RSD	.65747	452.47	48.672	.32668	.39768	.58402	252.64
#1	1.0726	.00118	.00199	.17907	-.00066	.56800	.00008
#2	1.0627	-.00062	.00409	.17824	-.00066	.56333	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.42	.00096	.00120	-.00187	1.0580	.03969	.00205
SDev	.41	.00027	.00020	.00002	.0117	.00016	.00064
%RSD	.38955	27.929	16.905	1.2499	1.1101	.40861	31.224
#1	104.71	.00077	.00134	-.00185	1.0663	.03980	.00250
#2	104.14	.00115	.00106	-.00188	1.0497	.03957	.00160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	65.836	.33627	.00189	.00170	2.8020	12.487
SDev	.00018	.286	.00121	.00004	.00112	.0402	.067
%RSD	8.0276	.43396	.35858	2.1907	65.709	1.4331	.53926
#1	.00232	66.038	.33712	.00186	.00249	2.8304	12.535
#2	.00207	65.634	.33542	.00192	.00091	2.7736	12.439

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	671.22	402.93	1.2615	-.00085	.00095	.02751
SDev	.00023	4.16	2.48	.0041	.00503	.00110	.00097
%RSD	85.813	.61936	.61627	.32573	594.78	115.84	3.5310
#1	.00044	674.16	404.69	1.2644	-.00440	.00172	.02820
#2	.00011	668.28	401.18	1.2586	.00271	.00017	.02683

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00337	.00478	.00521	.00047	.00614	.00022
SDev	.00029	.00004	.00000	.00096	.00232	.00090
%RSD	8.5376	.87666	.06427	204.72	37.897	403.36
#1	.00357	.00475	.00521	.00115	.00778	-.00041
#2	.00317	.00481	.00522	-.00021	.00449	.00086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39817	--	--	--	--	--	--
SDev	162.6346	--	--	--	--	--	--

%RSD	.4084551	--	--	--	--	--	--
#1	39702	--	--	--	--	--	--
#2	39932	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-f ms Operator: DCL
Run Time: 04/23/12 13:58:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.282	1.0887	1.0819	1.2358	.48969	1.6535	.52433
SDev	.077	.0080	.0056	.0074	.00254	.0072	.00288
%RSD	.68593	.73852	.52042	.60004	.51919	.43828	.54930
#1	11.336	1.0944	1.0859	1.2411	.49149	1.6586	.52637
#2	11.227	1.0831	1.0780	1.2306	.48789	1.6484	.52230

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.30	.97708	.97497	1.0173	11.557	.62404	1.0182
SDev	.64	.00544	.00546	.0061	.049	.00408	.0080
%RSD	.56467	.55672	.55967	.59732	.41988	.65355	.78696

#1	113.75	.98093	.97883	1.0216	11.591	.62692	1.0239
#2	112.84	.97323	.97111	1.0130	11.523	.62115	1.0126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0060	75.080	1.3434	1.0936	1.0791	17.948	13.064
SDev	.0084	.435	.0077	.0030	.0053	.126	.084
%RSD	.83210	.57975	.57333	.27567	.49168	.70350	.64074
#1	1.0119	75.388	1.3489	1.0957	1.0829	18.037	13.123
#2	1.0001	74.772	1.3380	1.0914	1.0754	17.859	13.005

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53849	677.41	407.42	1.7972	1.1586	1.0124	1.0706
SDev	.00292	4.46	2.14	.0105	.0033	.0080	.0065
%RSD	.54189	.65797	.52513	.58662	.28742	.79011	.60482
#1	.54056	680.56	408.93	1.8047	1.1610	1.0181	1.0752
#2	.53643	674.25	405.91	1.7898	1.1563	1.0068	1.0660

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0177	1.0886	.95020	1.0523	.91701	1.0505
SDev	.0062	.0063	.00193	.0111	.00408	.0105
%RSD	.61106	.58107	.20327	1.0505	.44503	1.0010
#1	1.0221	1.0931	.95157	1.0601	.91989	1.0579
#2	1.0134	1.0841	.94884	1.0445	.91412	1.0430

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40014	--	--	--	--	--	--
SDev	145.6640	--	--	--	--	--	--
%RSD	.3640326	--	--	--	--	--	--
#1	39911	--	--	--	--	--	--
#2	40117	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 14:01:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4355	.51262	.50294	.51474	.47400	.51638	.52874
SDev	.0125	.00198	.00246	.00241	.00233	.00324	.00262
%RSD	.51291	.38622	.48834	.46755	.49149	.62774	.49603
#1	2.4443	.51402	.50468	.51644	.47564	.51868	.53060
#2	2.4266	.51122	.50121	.51303	.47235	.51409	.52689

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.464	.47610	.47519	.48346	2.6637	.48072	.49779
SDev	.064	.00231	.00251	.00217	.0129	.00297	.00397
%RSD	.51275	.48575	.52735	.44978	.48450	.61825	.79726
#1	12.509	.47773	.47696	.48500	2.6728	.48283	.50060
#2	12.418	.47446	.47342	.48192	2.6546	.47862	.49498

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48711	4.9218	.48484	.51408	.54467	12.726	.94814
SDev	.00429	.0309	.00234	.00229	.00247	.113	.00391
%RSD	.88159	.62748	.48177	.44490	.45350	.89104	.41268
#1	.49015	4.9437	.48649	.51569	.54641	12.806	.95091
#2	.48408	4.9000	.48319	.51246	.54292	12.646	.94537

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24916	13.041	12.348	.25854	.55780	.48596	.50822
SDev	.00123	.087	.082	.00096	.00445	.00326	.00241
%RSD	.49317	.66413	.66005	.37100	.79717	.67050	.47417
#1	.25002	13.102	12.406	.25922	.56095	.48826	.50992
#2	.24829	12.980	12.291	.25787	.55466	.48365	.50651

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48896	.52787	.46484	.51426	.44581	.50782
SDev	.00209	.00243	.00384	.00403	.00380	.00454
%RSD	.42739	.46086	.82623	.78417	.85178	.89462
#1	.49044	.52959	.46756	.51712	.44849	.51104
#2	.48748	.52615	.46213	.51141	.44312	.50461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41802	--	--	--	--	--	--
SDev	285.6711	--	--	--	--	--	--
%RSD	.6833911	--	--	--	--	--	--
#1	41600	--	--	--	--	--	--
#2	42004	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 14:05:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06275	-.00113	.00083	.00007	-.00071	.00287	.00007
SDev	.01042	.00248	.00042	.00018	.00000	.00223	.00017

%RSD	16.605	218.80	51.385	244.41	.60733	77.938	240.66
#1	.07011	.00062	.00113	.00020	-.00071	.00445	.00019
#2	.05538	-.00288	.00053	-.00005	-.00070	.00129	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01056	.00007	.00075	-.00328	.04593	.00115	.00013
SDev	.00152	.00069	.00019	.00139	.00788	.00012	.00048
%RSD	14.406	1036.4	25.577	42.398	17.161	10.113	363.30
#1	-.01164	.00055	.00061	-.00229	.04036	.00123	-.00021
#2	-.00949	-.00042	.00088	-.00426	.05150	.00106	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00456	.08306	.00000	.00205	.00035	.44483	-.00677
SDev	.00127	.00745	.00008	.00136	.00013	.05166	.00544
%RSD	27.791	8.9694	3543.7	66.403	38.079	11.614	80.365
#1	.00546	.08833	.00006	.00301	.00025	.48137	-.00292
#2	.00367	.07779	-.00005	.00109	.00044	.40830	-.01062

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.29333	.06019	-.00008	.00251	.00076	.00002
SDev	.00022	.03450	.00198	.00006	.00182	.00002	.00043
%RSD	31.793	11.762	3.2948	78.958	72.288	2.4347	1916.8
#1	.00054	.31773	.06159	-.00004	.00380	.00075	.00033
#2	.00086	.26894	.05879	-.00013	.00123	.00077	-.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00049	.00234	-.00097	.00484	.00443
SDev	.00087	.00008	.00469	.00162	.00248	.00314
%RSD	725.87	16.703	200.65	167.15	51.398	71.036
#1	.00073	.00055	-.00098	.00018	.00308	.00665

#2	-.00049	.00044	.00565	-.00211	.00659	.00220	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41584	--	--	--	--	--	--
SDev	289.9138	--	--	--	--	--	--
%RSD	.6971763	--	--	--	--	--	--
#1	41379	--	--	--	--	--	--
#2	41789	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-g msd Operator: DCL
Run Time: 04/23/12 14:09:35
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.739	1.1064	1.0969	1.2613	.49500	1.6870	.53207
SDev	.038	.0023	.0030	.0019	.00050	.0013	.00015
%RSD	.32599	.20694	.27346	.15005	.10170	.07592	.02887
#1	11.766	1.1048	1.0948	1.2627	.49535	1.6880	.53218
#2	11.712	1.1080	1.0991	1.2600	.49464	1.6861	.53197

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.15	.98829	.98501	1.0318	11.928	.63722	1.0337
SDev	.14	.00078	.00105	.0017	.009	.00199	.0013
%RSD	.12168	.07862	.10682	.16653	.07939	.31212	.12175
#1	115.25	.98884	.98575	1.0330	11.935	.63862	1.0346
#2	115.05	.98774	.98427	1.0306	11.921	.63581	1.0328

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0172	76.504	1.3652	1.1050	1.1044	18.411	14.005
SDev	.0012	.088	.0011	.0029	.0000	.092	.033
%RSD	.11698	.11458	.07830	.26010	.00188	.50006	.23808
#1	1.0164	76.566	1.3660	1.1029	1.1045	18.476	14.028
#2	1.0180	76.442	1.3645	1.1070	1.1044	18.346	13.981

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54718	694.99	416.12	1.8436	1.1767	1.0227	1.0922
SDev	.00154	3.45	2.33	.0004	.0169	.0060	.0006
%RSD	.28098	.49673	.55937	.02379	1.4379	.58374	.05775
#1	.54827	697.43	417.77	1.8440	1.1647	1.0269	1.0917
#2	.54610	692.55	414.48	1.8433	1.1887	1.0185	1.0926

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0294	1.1092	.96512	1.0680	.92966	1.0610
SDev	.0013	.0010	.00328	.0002	.00128	.0024

%RSD	.12768	.09470	.33971	.02327	.13765	.22854
#1	1.0304	1.1100	.96744	1.0681	.93056	1.0593
#2	1.0285	1.1085	.96280	1.0678	.92875	1.0627

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39657	--	--	--	--	--	--
SDev	151.3209	--	--	--	--	--	--
%RSD	.3815741	--	--	--	--	--	--
#1	39550	--	--	--	--	--	--
#2	39764	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-7-b Operator: DCL
Run Time: 04/23/12 14:13:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83856	.00015	.00218	.17420	-.00078	.57217	.00001
SDev	.00416	.00035	.00183	.00042	.00000	.00048	.00008
%RSD	.49639	243.58	83.714	.23933	.07869	.08369	656.19
#1	.84150	-.00011	.00089	.17449	-.00078	.57251	.00007
#2	.83562	.00040	.00348	.17390	-.00078	.57183	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.013	.00036	.00108	-.00233	.81728	.03981	.00134
SDev	.264	.00020	.00055	.00047	.00069	.00007	.00033
%RSD	.28397	56.569	50.780	20.231	.08490	.17725	24.964
#1	93.200	.00022	.00147	-.00266	.81777	.03986	.00110
#2	92.827	.00051	.00069	-.00199	.81679	.03976	.00157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	65.251	.29744	.00682	.00161	2.8171	12.202
SDev	.00411	.200	.00080	.00351	.00046	.0217	.046
%RSD	298.25	.30603	.26965	51.443	28.460	.77104	.37361
#1	.00428	65.392	.29800	.00929	.00193	2.8325	12.234
#2	-.00153	65.109	.29687	.00434	.00129	2.8018	12.170

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	676.43	406.52	1.2584	.00347	.00198	.02795
SDev	.00052	1.12	.53	.0021	.00451	.00124	.00410
%RSD	95.209	.16561	.13057	.16653	129.69	62.470	14.659
#1	.00092	677.22	406.90	1.2599	.00666	.00111	.02506
#2	.00018	675.64	406.14	1.2569	.00029	.00286	.03085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.00150	.00161	.00120	.00038	.00188
SDev	.00010	.00003	.00013	.00056	.00441	.00396
%RSD	4.3070	2.3329	7.9687	47.130	1165.7	210.84
#1	.00219	.00148	.00170	.00080	.00350	.00468
#2	.00233	.00153	.00152	.00160	-.00274	-.00092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39634	--	--	--	--	--	--

SDev	118.0868	--	--	--	--	--	--
%RSD	.2979395	--	--	--	--	--	--
#1	39551	--	--	--	--	--	--
#2	39718	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53835-c-1-a Operator: DCL
Run Time: 04/23/12 14:17:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29964	-.00154	.00913	.31364	-.00085	.41123	-.00009
SDev	.00749	.00264	.00001	.00245	.00002	.00254	.00001
%RSD	2.4997	171.30	.15432	.78207	1.9487	.61703	8.9059
#1	.29435	-.00340	.00912	.31191	-.00084	.40943	-.00010
#2	.30494	.00033	.00914	.31538	-.00086	.41302	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.100	.00112	.00125	-.00062	.14043	.04347	.00092
SDev	.507	.00011	.00003	.00047	.00744	.00040	.00052
%RSD	.69372	10.225	2.0613	76.700	5.2998	.91036	56.064
#1	72.742	.00120	.00127	-.00095	.14569	.04319	.00129
#2	73.459	.00104	.00123	-.00028	.13516	.04375	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09479	12.766	.09573	.04684	.00556	61.413	5.7414
SDev	.00055	.081	.00068	.00075	.00045	.401	.0594
%RSD	.58267	.63563	.71339	1.5996	8.0457	.65236	1.0342
#1	.09440	12.709	.09524	.04737	.00524	61.130	5.6994
#2	.09518	12.823	.09621	.04631	.00587	61.696	5.7834

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	1213.8	611.71	1.2676	.00122	.00247	-.00021
SDev	.00035	6.4	3.76	.0101	.00007	.00063	.00019
%RSD	7466.2	.52353	.61457	.79515	6.1084	25.517	92.215
#1	.00025	1209.3	609.05	1.2605	.00116	.00202	-.00034

#2	-.00024	1218.3	614.37	1.2747	.00127	.00291	-.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01287	.05580	.00331	-.00027	.08874	.09781
SDev	.00007	.00055	.00205	.00025	.00073	.00119
%RSD	.53874	.98892	62.002	92.992	.82081	1.2193
#1	.01292	.05541	.00476	-.00044	.08925	.09697
#2	.01282	.05619	.00186	-.00009	.08822	.09866

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39001	--	--	--	--	--	--
SDev	243.2447	--	--	--	--	--	--
%RSD	.6236885	--	--	--	--	--	--
#1	39173	--	--	--	--	--	--
#2	38829	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53898-d-1-a Operator: DCL
Run Time: 04/23/12 14:21:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09739	.00076	.00627	.21705	-.00085	.28805	-.00010
SDev	.00006	.00004	.00206	.00054	.00001	.00100	.00017
%RSD	.05927	4.7116	32.888	.24949	.78844	.34742	178.66
#1	.09743	.00073	.00481	.21743	-.00085	.28876	-.00022
#2	.09735	.00078	.00772	.21666	-.00086	.28735	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.172	.00048	.00045	-.00161	.07856	.02963	-.00025
SDev	.228	.00017	.00069	.00018	.00591	.00012	.00019
%RSD	.38484	35.493	153.54	11.328	7.5201	.38867	76.288
#1	59.333	.00036	-.00004	-.00148	.07439	.02971	-.00011
#2	59.011	.00060	.00093	-.00174	.08274	.02955	-.00038

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	13.814	.00388	.17873	.00402	13.901	3.8272
SDev	.00002	.053	.00002	.00041	.00046	.037	.0180
%RSD	.77456	.38590	.54310	.23048	11.526	.26362	.46908
#1	.00228	13.852	.00390	.17902	.00369	13.927	3.8399
#2	.00230	13.776	.00387	.17844	.00435	13.875	3.8145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	449.27	299.97	.89223	-.00133	-.00014	-.00037
SDev	.00039	.27	.30	.00263	.00158	.00025	.00006

%RSD	139.01	.05923	.09839	.29437	119.08	181.05	16.987
#1	-.00056	449.46	300.18	.89409	-.00245	.00004	-.00033
#2	-.00000	449.08	299.76	.89038	-.00021	-.00031	-.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00710	.00930	.00142	-.00108	-.00048	.00367
SDev	.00028	.00005	.00059	.00001	.00516	.00261
%RSD	3.9390	.55780	41.155	.86560	1079.3	70.906

#1	.00730	.00933	.00184	-.00109	.00317	.00183
#2	.00690	.00926	.00101	-.00108	-.00413	.00552

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39782	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0266621	--	--	--	--	--	--
#1	39774	--	--	--	--	--	--
#2	39789	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53904-b-6-d Operator: DCL
Run Time: 04/23/12 14:25:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.841	1.0636	1.0394	1.2067	.46004	1.6157	.50624
SDev	.013	.0003	.0046	.0003	.00020	.0004	.00011
%RSD	.11571	.02818	.44330	.02823	.04404	.02637	.02086
#1	10.850	1.0633	1.0426	1.2070	.46019	1.6160	.50631
#2	10.832	1.0638	1.0361	1.2065	.45990	1.6154	.50616

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.06	.93574	.92257	.97709	11.067	1.2005	.98176
SDev	.08	.00037	.00031	.00116	.009	.0023	.00071
%RSD	.07609	.03969	.03313	.11906	.07776	.18914	.07217
#1	111.12	.93547	.92236	.97791	11.061	1.2021	.98226
#2	111.00	.93600	.92279	.97626	11.073	1.1989	.98126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96928	73.430	1.2949	1.0248	1.0476	17.391	12.970
SDev	.00335	.008	.0007	.0017	.0039	.052	.020
%RSD	.34606	.01036	.05761	.16260	.37058	.29916	.15386
#1	.96691	73.435	1.2954	1.0236	1.0449	17.428	12.984
#2	.97165	73.424	1.2943	1.0260	1.0504	17.354	12.956

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51503	674.38	407.63	1.7788	1.1154	.96580	1.0297
SDev	.00049	2.46	1.77	.0010	.0024	.00143	.0011
%RSD	.09444	.36483	.43493	.05490	.21109	.14830	.10242
#1	.51537	676.12	408.89	1.7795	1.1138	.96478	1.0304
#2	.51468	672.64	406.38	1.7781	1.1171	.96681	1.0289

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/23/12 02:28:58 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96527	1.0546	.91390	1.0157	.88066	1.0136
SDev	.00052	.0007	.00278	.0025	.00577	.0021
%RSD	.05391	.06837	.30406	.24142	.65526	.21172
#1	.96564	1.0551	.91194	1.0174	.87658	1.0121
#2	.96491	1.0541	.91587	1.0140	.88474	1.0151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39431	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.1865007	--	--	--	--	--	--
#1	39379	--	--	--	--	--	--
#2	39483	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53904-b-6-d@5 Operator: DCL
Run Time: 04/23/12 14:29:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24077	-.00301	-.00015	.03653	-.00082	.11632	-.00007
SDev	.00202	.00302	.00174	.00016	.00004	.00146	.00007
%RSD	.84008	100.43	1142.2	.45244	4.3406	1.2579	97.525
#1	.23934	-.00514	-.00139	.03664	-.00085	.11736	-.00002
#2	.24220	-.00087	.00108	.03641	-.00080	.11529	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.668	.00012	.00016	-.00344	.20288	.00826	.00094
SDev	.159	.00035	.00020	.00051	.00757	.00004	.00004
%RSD	.73310	280.42	122.96	14.902	3.7313	.47520	3.8522
#1	21.780	-.00012	.00002	-.00380	.20824	.00829	.00092
#2	21.555	.00037	.00030	-.00308	.19753	.00823	.00097

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	13.419	.06855	.00361	-.00006	.78374	2.4047
SDev	.00077	.112	.00040	.00171	.00027	.02114	.0108
%RSD	36.989	.83739	.58242	47.386	465.09	2.6973	.45006
#1	.00262	13.498	.06883	.00482	.00013	.79869	2.4124
#2	.00153	13.340	.06827	.00240	-.00025	.76879	2.3971

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	113.07	94.594	.25740	.00338	-.00015	.00445
SDev	.00041	.75	.558	.00170	.00305	.00073	.00013
%RSD	105.20	.66279	.58973	.65998	90.259	478.19	2.8133

#1	-.00068	113.60	94.989	.25860	.00554	-.00067	.00454
#2	-.00010	112.54	94.200	.25620	.00122	.00036	.00436

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00072	.00195	.00044	-.00061	.00342
SDev	.00051	.00039	.00164	.00076	.00416	.00323
%RSD	111.36	53.596	83.752	174.07	677.36	94.436
#1	.00010	.00045	.00080	.00098	-.00356	.00571
#2	.00083	.00099	.00311	-.00010	.00233	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40994	--	--	--	--	--	--
SDev	154.1493	--	--	--	--	--	--
%RSD	.3760289	--	--	--	--	--	--
#1	40885	--	--	--	--	--	--
#2	41103	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 14:32:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5031	.53310	.52108	.53241	.48066	.53353	.54691
SDev	.0084	.00060	.00016	.00159	.00124	.00177	.00077
%RSD	.33428	.11313	.03142	.29836	.25885	.33082	.13997
#1	2.5090	.53267	.52119	.53353	.48154	.53478	.54745
#2	2.4972	.53353	.52096	.53129	.47978	.53228	.54637

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.724	.48571	.48523	.49340	2.7378	.49392	.51176
SDev	.040	.00090	.00192	.00177	.0056	.00229	.00017
%RSD	.31652	.18589	.39634	.35904	.20605	.46277	.03377
#1	12.752	.48635	.48659	.49465	2.7418	.49553	.51189
#2	12.695	.48507	.48387	.49215	2.7338	.49230	.51164

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50312	5.0070	.49623	.52481	.56432	12.994	.98055
SDev	.00067	.0189	.00118	.00165	.00302	.085	.00016
%RSD	.13219	.37753	.23798	.31516	.53523	.65594	.01637
#1	.50359	5.0203	.49707	.52364	.56646	13.054	.98043

#2	.50265	4.9936	.49540	.52598	.56218	12.933	.98066

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 04/23/12 02:36:45 PM page 21

Avge	.25558	13.330	12.682	.26749	.57058	.49532	.52212
SDev	.00088	.090	.062	.00056	.00029	.00160	.00127
%RSD	.34306	.67367	.48830	.21034	.05005	.32278	.24406
#1	.25620	13.394	12.726	.26788	.57078	.49645	.52302
#2	.25496	13.267	12.638	.26709	.57038	.49419	.52122

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49909	.54326	.47025	.53252	.45543	.52702
SDev	.00125	.00102	.00202	.00075	.00082	.00059
%RSD	.25085	.18801	.43033	.14132	.18066	.11126
#1	.49997	.54398	.47168	.53199	.45601	.52744
#2	.49820	.54254	.46882	.53305	.45485	.52661

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41227	--	--	--	--	--	--
SDev	210.7178	--	--	--	--	--	--
%RSD	.5111161	--	--	--	--	--	--
#1	41078	--	--	--	--	--	--
#2	41376	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 14:36:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07777	-.00323	-.00016	-.00010	-.00089	.00178	-.00003
SDev	.00337	.00469	.00188	.00018	.00000	.00094	.00024
%RSD	4.3334	145.15	1174.9	181.00	.47263	52.763	806.26
#1	.08015	.00009	.00117	.00003	-.00089	.00244	.00014
#2	.07538	-.00655	-.00149	-.00023	-.00089	.00111	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01387	-.00047	-.00018	-.00407	.00071	.00098	.00093
SDev	.00032	.00049	.00074	.00072	.02421	.00001	.00020
%RSD	2.3106	104.85	412.34	17.601	3415.6	.98472	21.754
#1	-.01364	-.00012	.00034	-.00356	.01783	.00097	.00108
#2	-.01410	-.00081	-.00070	-.00458	-.01641	.00098	.00079

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.07230	-.00004	.00168	.00006	.35631	-.00602
SDev	.00103	.00093	.00006	.00037	.00076	.00484	.00253
%RSD	34.540	1.2828	148.34	21.915	1331.6	1.3585	42.038

#1	.00225	.07165	.00000	.00194	.00060	.35288	-.00423

Analysis Report 04/23/12 02:40:36 PM page 22

#2	.00370	.07296	-.00008	.00142	-.00048	.35973	-.00781

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.18842	.05683	-.00013	-.00018	-.00131	-.00027
SDev	.00117	.30952	.00149	.00002	.00269	.00163	.00029
%RSD	193.97	164.27	2.6140	11.674	1459.2	123.87	107.13
#1	.00022	.03045	.05578	-.00012	.00172	-.00016	-.00007
#2	-.00143	-.40728	.05788	-.00014	-.00209	-.00247	-.00048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00047	.00625	-.00172	.00675	.00109
SDev	.00046	.00001	.00645	.00353	.00875	.00283
%RSD	104.34	1.9675	103.16	204.64	129.69	261.09
#1	-.00012	.00046	.00169	.00077	.00056	.00309
#2	-.00077	.00047	.01081	-.00422	.01293	-.00092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41696	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1848468	--	--	--	--	--	--
#1	41751	--	--	--	--	--	--
#2	41642	--	--	--	--	--	--

Analysis Report 04/23/12 02:50:39 PM page 1

Method: 20076010 Sample Name: 600-53895-a-1-e Operator: DCL
Run Time: 04/23/12 14:46:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25093	-.00267	.00051	.03340	-.00095	.03194	.00007
SDev	.00218	.00282	.00042	.00019	.00001	.00017	.00001
%RSD	.86800	105.65	83.212	.58099	.87794	.52155	14.283
#1	.24939	-.00466	.00021	.03353	-.00095	.03206	.00006
#2	.25247	-.00067	.00081	.03326	-.00096	.03182	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.120	.00063	.00063	.00735	.40868	.00509	.00131
SDev	.074	.00015	.00042	.00019	.00173	.00004	.00133
%RSD	.33585	23.466	65.558	2.6518	.42276	.78206	101.86
#1	22.172	.00053	.00093	.00721	.40991	.00506	.00037
#2	22.067	.00074	.00034	.00749	.40746	.00511	.00225

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	1.1923	.02633	.00678	.00234	6.8273	1.4374
SDev	.00007	.0030	.00011	.00064	.00049	.0089	.0010
%RSD	4.0924	.25103	.40152	9.4590	21.149	.12993	.07216
#1	.00165	1.1945	.02641	.00633	.00269	6.8336	1.4381
#2	.00156	1.1902	.02626	.00723	.00199	6.8210	1.4367

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	9.5309	8.8498	.05908	-.00230	-.00158	.00449
SDev	.00038	.1170	.0419	.00022	.00037	.00104	.00012
%RSD	146.53	1.2277	.47350	.36595	15.954	65.670	2.6748
#1	.00001	9.6136	8.8794	.05923	-.00204	-.00085	.00458
#2	-.00053	9.4482	8.8201	.05892	-.00256	-.00232	.00441

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.03553	.00546	-.00077	-.00156	.00318
SDev	.00014	.00018	.00293	.00053	.00170	.00095
%RSD	6.2386	.50840	53.622	69.377	108.53	29.731
#1	.00217	.03540	.00339	-.00115	-.00276	.00385
#2	.00237	.03565	.00753	-.00039	-.00036	.00251

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41258	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.1353970	--	--	--	--	--	--

#1	41297	--	--	--	--	--	--
#2	41218	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-1-f du Operator: DCL
Run Time: 04/23/12 14:50:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25623	-.00084	.00125	.03313	-.00097	.03213	-.00007
SDev	.00372	.00278	.00114	.00033	.00002	.00053	.00007
%RSD	1.4529	330.05	91.478	.99074	2.2173	1.6643	106.81
#1	.25886	.00112	.00044	.03337	-.00098	.03251	-.00011
#2	.25360	-.00281	.00205	.03290	-.00095	.03175	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.806	.00100	.00059	.00714	.40308	.00506	.00160
SDev	.184	.00030	.00030	.00042	.01306	.00011	.00027
%RSD	.84281	30.410	51.244	5.8601	3.2406	2.0958	16.655
#1	21.935	.00122	.00081	.00744	.41231	.00514	.00179

#2	21.676	.00079	.00038	.00684	.39384	.00499	.00141

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	1.1819	.02595	.00695	.00236	6.7579	1.4293
SDev	.00116	.0147	.00019	.00028	.00003	.0689	.0122
%RSD	71.573	1.2433	.73457	4.0908	1.2407	1.0189	.85221
#1	.00080	1.1923	.02608	.00675	.00238	6.8066	1.4380
#2	.00245	1.1715	.02581	.00715	.00234	6.7092	1.4207

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	9.5083	8.7235	.05830	-.00234	-.00014	.00491
SDev	.00007	.1662	.0561	.00046	.00146	.00192	.00041
%RSD	31.214	1.7481	.64281	.78584	62.236	1321.9	8.4078
#1	.00029	9.6258	8.7632	.05862	-.00131	.00121	.00520
#2	.00019	9.3908	8.6839	.05798	-.00337	-.00150	.00462

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.03555	.00523	-.00021	-.00114	.00301
SDev	.00028	.00039	.00103	.00012	.00195	.00077
%RSD	11.728	1.0999	19.715	54.069	171.69	25.613
#1	.00257	.03583	.00595	-.00030	-.00252	.00246
#2	.00218	.03528	.00450	-.00013	.00024	.00355

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 02:54:30 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41100	--	--	--	--	--	--
SDev	269.4077	--	--	--	--	--	--
%RSD	.6555011	--	--	--	--	--	--
#1	40909	--	--	--	--	--	--
#2	41290	--	--	--	--	--	--

Analysis Report 04/23/12 03:00:47 PM page 1

Method: 20076010 Sample Name: 600-53895-a-1-g ms Operator: DCL
Run Time: 04/23/12 14:56:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.174	1.1022	1.0678	1.1328	.48633	1.1295	.55574
SDev	.055	.0063	.0043	.0048	.00197	.0049	.00178
%RSD	.54124	.57537	.40641	.42485	.40592	.43173	.31944
#1	10.213	1.1067	1.0709	1.1362	.48773	1.1330	.55700
#2	10.135	1.0977	1.0647	1.1294	.48494	1.1261	.55449

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	32.184	.98881	.98765	1.0074	11.431	.52424	1.0413
SDev	.129	.00400	.00431	.0054	.060	.00260	.0049
%RSD	.40223	.40481	.43673	.53627	.52287	.49605	.47184
#1	32.276	.99164	.99070	1.0112	11.473	.52608	1.0448
#2	32.093	.98598	.98460	1.0035	11.389	.52240	1.0379

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0108	11.210	1.0520	1.0987	1.1700	17.580	2.6049
SDev	.0061	.044	.0039	.0001	.0055	.108	.0109
%RSD	.59974	.39614	.37535	.00700	.46954	.61531	.41660
#1	1.0150	11.241	1.0548	1.0988	1.1739	17.657	2.6126
#2	1.0065	11.178	1.0492	1.0987	1.1661	17.504	2.5973

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52722	20.125	19.848	.61483	1.1844	1.0071	1.0684
SDev	.00271	.111	.111	.00281	.0003	.0024	.0043
%RSD	.51431	.55178	.55887	.45688	.02282	.23941	.40011
#1	.52914	20.204	19.926	.61682	1.1846	1.0088	1.0714
#2	.52530	20.047	19.770	.61284	1.1842	1.0054	1.0654

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0189	1.1429	.95353	1.0852	.91523	1.0585
SDev	.0041	.0052	.00519	.0048	.01205	.0031
%RSD	.40633	.45484	.54402	.44014	1.3164	.28991
#1	1.0218	1.1465	.95720	1.0886	.92374	1.0607
#2	1.0159	1.1392	.94986	1.0819	.90671	1.0564

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40863	--	--	--	--	--	--
SDev	186.6762	--	--	--	--	--	--
%RSD	.4568343	--	--	--	--	--	--

#1	40731	--	--	--	--	--	--
#2	40995	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-1-h msd Operator: DCL
Run Time: 04/23/12 15:00:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.305	1.1080	1.0786	1.1412	.49037	1.1389	.56036
SDev	.035	.0067	.0005	.0052	.00256	.0053	.00268
%RSD	.34311	.60421	.04763	.45828	.52279	.46163	.47872
#1	10.330	1.1128	1.0782	1.1449	.49218	1.1426	.56226
#2	10.280	1.1033	1.0789	1.1375	.48856	1.1352	.55846

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.206	.99767	.99521	1.0141	11.583	.52931	1.0505
SDev	.162	.00495	.00485	.0039	.081	.00187	.0043
%RSD	.50303	.49596	.48740	.38789	.69796	.35391	.41282
#1	32.320	1.0012	.99864	1.0169	11.640	.53064	1.0536
#2	32.091	.99417	.99178	1.0113	11.526	.52799	1.0474

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0214	11.299	1.0599	1.1119	1.1677	17.648	2.7489
SDev	.0064	.055	.0051	.0038	.0129	.071	.0202
%RSD	.62506	.48354	.48060	.34186	1.1054	.40347	.73309
#1	1.0259	11.338	1.0635	1.1145	1.1769	17.698	2.7632
#2	1.0168	11.261	1.0563	1.1092	1.1586	17.597	2.7347

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53136	20.266	19.941	.61814	1.1979	1.0158	1.0778
SDev	.00243	.175	.056	.00273	.0092	.0066	.0040
%RSD	.45745	.86442	.28174	.44198	.77049	.65141	.37155
#1	.53307	20.389	19.981	.62007	1.2044	1.0205	1.0806
#2	.52964	20.142	19.901	.61620	1.1913	1.0111	1.0749

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0265	1.1527	.96149	1.0950	.91499	1.0745
SDev	.0056	.0051	.00394	.0045	.00233	.0084
%RSD	.54489	.44595	.40952	.41426	.25516	.78254
#1	1.0304	1.1563	.96427	1.0982	.91664	1.0805
#2	1.0225	1.1490	.95870	1.0918	.91333	1.0686

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 03:04:38 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40790	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.2374907	--	--	--	--	--	--
#1	40722	--	--	--	--	--	--
#2	40859	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-2-b Operator: DCL
Run Time: 04/23/12 15:04:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2872	-.00031	.00200	.04048	-.00095	.03040	-.00008
SDev	.0271	.00051	.00121	.00023	.00000	.00011	.00001
%RSD	2.1068	162.57	60.369	.56240	.24419	.36984	18.135

#1	1.3063	-.00068	.00115	.04064	-.00095	.03048	-.00007
#2	1.2680	.00005	.00285	.04032	-.00096	.03032	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.299	.00206	.00034	.00345	.93530	.00507	.00359
SDev	.121	.00002	.00011	.00025	.00637	.00007	.00036
%RSD	.54137	.94922	32.273	7.1303	.68077	1.4815	10.010

#1	22.384	.00204	.00041	.00362	.93980	.00512	.00384
#2	22.213	.00207	.00026	.00327	.93080	.00502	.00334

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00335	1.0359	.03405	.00734	.00148	8.2062	4.3351
SDev	.00257	.0100	.00024	.00104	.00046	.0724	.0756
%RSD	76.687	.96880	.69874	14.109	30.961	.88278	1.7438

#1	.00517	1.0430	.03421	.00807	.00180	8.2575	4.3886
#2	.00153	1.0288	.03388	.00661	.00115	8.1550	4.2817

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	4.0386	3.9817	.04847	-.00028	.00018	.04393
SDev	.00053	.0116	.0260	.00018	.00254	.00034	.00142
%RSD	649.62	.28694	.65351	.36837	893.54	194.00	3.2222

#1	.00029	4.0468	4.0001	.04860	.00151	-.00007	.04493
#2	-.00046	4.0304	3.9633	.04835	-.00208	.00042	.04293

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00440	.04107	.00626	.00225	-.00109	.00557
SDev	.00016	.00021	.00006	.00051	.00103	.00334
%RSD	3.6741	.51214	.96776	22.571	94.664	59.902

#1	.00429	.04122	.00630	.00261	-.00036	.00793

Analysis Report 04/23/12 03:08:29 PM page 4

#2	.00452	.04092	.00622	.00189	-.00182	.00321

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40997	--	--	--	--	--	--
SDev	261.6295	--	--	--	--	--	--
%RSD	.6381674	--	--	--	--	--	--

#1	40812	--	--	--	--	--	--
#2	41182	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-3-b Operator: DCL
Run Time: 04/23/12 15:08:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0724	-.00189	.00308	.05252	-.00095	.02789	-.00006

SDev	.0155	.00138	.00025	.00015	.00000	.00030	.00002
%RSD	1.4462	72.911	8.2561	.29562	.01249	1.0785	33.409
#1	1.0834	-.00286	.00290	.05263	-.00095	.02810	-.00007
#2	1.0615	-.00091	.00326	.05241	-.00095	.02768	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.109	.00234	.00009	.00465	.67092	.00388	.00284
SDev	.079	.00007	.00042	.00032	.00470	.00007	.00022
%RSD	.43493	3.0992	480.08	6.9827	.70094	1.8029	7.6386
#1	18.164	.00239	-.00021	.00488	.66759	.00393	.00268
#2	18.053	.00229	.00038	.00442	.67424	.00383	.00299

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	1.3107	.01377	.00916	.00155	4.4434	3.7185
SDev	.00326	.0076	.00010	.00081	.00036	.0315	.0443
%RSD	825.68	.58257	.72375	8.9047	23.311	.70786	1.1912
#1	-.00191	1.3161	.01384	.00858	.00129	4.4656	3.7498
#2	.00270	1.3053	.01370	.00973	.00180	4.4212	3.6872

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	2.3838	2.4374	.07210	-.00326	-.00123	.03851
SDev	.00098	.1351	.0057	.00021	.00226	.00141	.00170
%RSD	118.91	5.6676	.23473	.29763	69.324	114.30	4.4154
#1	-.00152	2.2883	2.4414	.07225	-.00486	-.00222	.03971
#2	-.00013	2.4793	2.4333	.07195	-.00166	-.00024	.03731

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00499	.04579	.00418	.00217	-.00206	.00162

SDev	.00001	.00023	.00111	.00088	.00218	.00380
%RSD	.12466	.50822	26.431	40.550	105.89	234.37
#1	.00499	.04563	.00496	.00154	-.00360	-.00107
#2	.00499	.04596	.00340	.00279	-.00052	.00431

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41361	--	--	--	--	--	--
SDev	117.3797	--	--	--	--	--	--
%RSD	.2837932	--	--	--	--	--	--
#1	41278	--	--	--	--	--	--
#2	41444	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-4-b Operator: DCL
Run Time: 04/23/12 15:12:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47770	-.00093	.00026	.01578	-.00120	.01441	-.00007
SDev	.06890	.00230	.00131	.00188	.00020	.00020	.00007
%RSD	14.424	246.22	507.57	11.926	16.361	1.4099	97.829
#1	.52642	-.00256	-.00067	.01711	-.00134	.01456	-.00012
#2	.42898	.00069	.00119	.01445	-.00106	.01427	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.981	.00162	.00002	.00060	.30672	.00527	.00228
SDev	1.731	.00060	.00034	.00083	.02121	.00133	.00072
%RSD	13.336	37.223	1417.5	140.07	6.9142	25.194	31.684
#1	14.205	.00119	-.00021	.00119	.32172	.00620	.00279
#2	11.757	.00204	.00026	.00001	.29172	.00433	.00177

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.50537	.01321	.00465	.00105	1.5516	1.0746
SDev	.00023	.12091	.00170	.00024	.00040	.5467	.1613
%RSD	69.155	23.925	12.836	5.1633	38.381	35.234	15.007
#1	.00050	.59086	.01441	.00482	.00077	1.9382	1.1886
#2	.00017	.41987	.01201	.00448	.00134	1.1651	.96055

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00111	.72280	.89620	.02650	-.00407	-.00107	.01045
SDev	.00083	.20953	.13400	.00351	.00075	.00111	.00150
%RSD	74.546	28.989	14.952	13.249	18.376	103.08	14.385
#1	-.00169	.57464	.99095	.02898	-.00459	-.00186	.01152
#2	-.00052	.87096	.80145	.02402	-.00354	-.00029	.00939

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.02686	.00314	.00185	.00046	.00027
SDev	.00045	.00374	.00089	.00064	.00413	.00171
%RSD	24.342	13.927	28.410	34.465	904.54	624.11
#1	.00152	.02950	.00377	.00230	.00337	-.00094
#2	.00215	.02421	.00251	.00140	-.00246	.00149

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38435	--	--	--	--	--	--
SDev	3973.940	--	--	--	--	--	--
%RSD	10.33938	--	--	--	--	--	--
#1	35625	--	--	--	--	--	--
#2	41245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-1-b Operator: DCL
Run Time: 04/23/12 15:16:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61372	.00115	.00055	.12817	-.00096	.02176	-.00007
SDev	.00594	.00108	.00114	.00073	.00002	.00076	.00011
%RSD	.96846	94.089	206.60	.56701	1.9453	3.4841	166.75
#1	.61792	.00191	-.00025	.12868	-.00095	.02229	.00001
#2	.60952	.00038	.00135	.12765	-.00098	.02122	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.670	.00530	.00048	.00590	.51415	.00223	.00399
SDev	.169	.00013	.00003	.00009	.00239	.00008	.00024
%RSD	.68562	2.3704	6.0520	1.5766	.46481	3.4152	6.0603
#1	24.790	.00522	.00046	.00596	.51246	.00228	.00382
#2	24.551	.00539	.00050	.00583	.51584	.00217	.00416

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	1.0151	.02196	.00234	.00488	1.5666	1.5808
SDev	.00210	.0114	.00011	.00029	.00010	.0487	.0093
%RSD	1155.4	1.1248	.51598	12.564	1.9850	3.1091	.58864
#1	-.00130	1.0232	.02204	.00255	.00495	1.6010	1.5874
#2	.00167	1.0070	.02188	.00213	.00481	1.5321	1.5742

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	5.0436	4.7167	.07606	-.00229	-.00063	.01442
SDev	.00020	.0531	.0226	.00037	.00155	.00092	.00099

Analysis Report 04/23/12 03:20:02 PM page 7

%RSD	336.15	1.0519	.47881	.49004	67.776	146.04	6.8900
#1	-.00020	5.0811	4.7326	.07633	-.00119	-.00127	.01512
#2	.00008	5.0061	4.7007	.07580	-.00339	.00002	.01372

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00643	.11911	.00568	.00315	-.00329	.00192
SDev	.00011	.00089	.00219	.00073	.00293	.00168
%RSD	1.7640	.74426	38.593	23.312	88.966	87.732
#1	.00651	.11974	.00413	.00367	-.00536	.00073
#2	.00635	.11849	.00723	.00263	-.00122	.00311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41564	--	--	--	--	--	--
SDev	289.9138	--	--	--	--	--	--
%RSD	.6975117	--	--	--	--	--	--
#1	41359	--	--	--	--	--	--
#2	41769	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-2-b Operator: DCL
Run Time: 04/23/12 15:20:05

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36478	.01703	.00412	.13811	-.00128	.51339	-.00019
SDev	.00338	.00241	.00084	.00047	.00001	.00179	.00017
%RSD	.92564	14.124	20.358	.34256	.88001	.34789	91.637
#1	.36717	.01533	.00353	.13845	-.00128	.51466	-.00007
#2	.36240	.01873	.00471	.13778	-.00127	.51213	-.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	516.60	.10104	.00241	.00023	.12131	.04229	-.00022
SDev	3.08	.00052	.00032	.00006	.00926	.00013	.00144
%RSD	.59556	.51578	13.478	24.830	7.6369	.31699	652.22
#1	518.78	.10141	.00218	.00026	.11476	.04239	.00080
#2	514.42	.10067	.00264	.00019	.12786	.04220	-.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	3.2063	.05745	.86018	.39016	162.92	10.023
SDev	.00135	.0146	.00023	.00319	.00231	.76	.048
%RSD	37.685	.45598	.39748	.37104	.59319	.46847	.47597
#1	.00263	3.2167	.05761	.86244	.39180	163.46	10.057
#2	.00454	3.1960	.05729	.85792	.38853	162.38	9.9893

Analysis Report 04/23/12 03:23:53 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	820.05	468.70	1.0520	.00007	.00342	-.00385
SDev	.00039	4.56	2.93	.0036	.00374	.00153	.00008
%RSD	50.909	.55551	.62505	.34224	5230.4	44.733	1.9783
#1	-.00103	823.27	470.77	1.0545	-.00257	.00450	-.00391
#2	-.00049	816.83	466.63	1.0494	.00271	.00234	-.00380

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01247	.25260	.00226	-.00146	.00299	.00388
SDev	.00019	.00082	.00428	.00001	.00301	.00052
%RSD	1.5088	.32376	189.51	.96183	100.69	13.350
#1	.01261	.25318	.00528	-.00145	.00086	.00351
#2	.01234	.25202	-.00077	-.00147	.00512	.00424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37920	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.3207341	--	--	--	--	--	--
#1	37834	--	--	--	--	--	--
#2	38006	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-3-b Operator: DCL
Run Time: 04/23/12 15:23:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30557	.01151	.00287	.13557	-.00127	.44573	-.00007
SDev	.00083	.00008	.00027	.00060	.00002	.00309	.00003
%RSD	.27089	.70555	9.3382	.43965	1.2885	.69214	39.097
#1	.30615	.01146	.00268	.13599	-.00129	.44791	-.00009
#2	.30498	.01157	.00306	.13515	-.00126	.44355	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	400.19	.06677	.00199	.00238	.11133	.03519	-.00054
SDev	2.29	.00054	.00001	.00014	.00106	.00018	.00012
%RSD	.57326	.80311	.33423	5.7548	.95126	.51946	21.931
#1	401.81	.06715	.00199	.00228	.11058	.03532	-.00063
#2	398.57	.06639	.00199	.00248	.11208	.03506	-.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	3.1731	.04385	.64240	.27965	126.61	9.2174
SDev	.00037	.0223	.00022	.00289	.00308	.71	.0538
%RSD	25.204	.70199	.51261	.44966	1.1001	.56047	.58381

#1	.00171	3.1888	.04401	.64444	.28182	127.11	9.2555
#2	.00119	3.1573	.04369	.64035	.27747	126.11	9.1794

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	683.24	412.61	.83259	.00415	.00194	-.00278
SDev	.00011	5.05	2.30	.00383	.00091	.00043	.00005
%RSD	617.06	.73841	.55796	.45962	21.869	22.341	1.9220
#1	.00006	686.81	414.24	.83530	.00351	.00225	-.00275
#2	-.00009	679.67	410.98	.82989	.00479	.00164	-.00282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00982	.16372	.00041	-.00102	.00106	.00165
SDev	.00005	.00093	.00163	.00064	.00115	.00113
%RSD	.47523	.56690	402.82	62.817	109.52	68.263
#1	.00985	.16437	-.00075	-.00057	.00024	.00245
#2	.00979	.16306	.00156	-.00147	.00187	.00085

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38512	--	--	--	--	--	--
SDev	197.2828	--	--	--	--	--	--
%RSD	.5122565	--	--	--	--	--	--
#1	38373	--	--	--	--	--	--

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 #2      38652     --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: 20076010   Sample Name: CCV met0412ccv_00004   Operator: DCL
Run Time: 04/23/12 15:27:46
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    2.5123    .54490    .52598    .54162    .47029    .53987    .55758
 SDev     .0008    .00104    .00157    .00078    .00024    .00166    .00086
 %RSD    .03108    .19175    .29796    .14469    .05068    .30714    .15500

 #1      2.5117    .54416    .52709    .54106    .47046    .53870    .55819
 #2      2.5128    .54564    .52487    .54217    .47012    .54104    .55697

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    12.676    .48005    .48122    .48641    2.7730    .50096    .51402
 SDev      .009    .00084    .00065    .00002     .0156    .00014    .00167
 %RSD    .06795    .17489    .13582    .00425    .56419    .02732    .32479

 #1      12.670    .48065    .48168    .48642    2.7841    .50087    .51284
 #2      12.682    .47946    .48075    .48639    2.7620    .50106    .51520

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881

Analysis Report                          04/23/12 03:31:34 PM        page 10


 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .50557    4.9503    .49631    .52836    .57088    13.186    .97714
 SDev    .00134     .0112    .00009    .00133    .00362      .009    .00081
 %RSD    .26434    .22580    .01785    .25247    .63365    .06805    .08240

 #1      .50462    4.9582    .49625    .52930    .57344    13.180    .97771
 #2      .50651    4.9424    .49637    .52742    .56832    13.193    .97657

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .25422    13.191    12.845    .27236    .58909    .49602    .52392
 SDev    .00022      .092      .034    .00050    .00137    .00208    .00035
 %RSD    .08526    .70085    .26778    .18232    .23341    .41890    .06703

 #1      .25438    13.257    12.821    .27201    .58811    .49749    .52367
 #2      .25407    13.126    12.869    .27272    .59006    .49455    .52416

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .49539    .54864    .46931    .53638    .45746    .52968
 SDev    .00081    .00228    .00198    .00152    .00054    .00173
 %RSD    .16273    .41566    .42104    .28268    .11844    .32731

 #1      .49596    .54703    .46791    .53531    .45707    .52845
 #2      .49482    .55025    .47071    .53745    .45784    .53090


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    41218     --        --        --        --        --        --
 SDev    5.656854  --        --        --        --        --        --
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%RSD	.0137242	--	--	--	--	--	--
#1	41222	--	--	--	--	--	--
#2	41214	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 15:31:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11351	-.00067	.00047	.00013	-.00116	.00224	-.00013
SDev	.00135	.00293	.00006	.00011	.00005	.00162	.00006
%RSD	1.1863	435.39	11.947	81.785	4.1627	72.330	45.878
#1	.11446	.00140	.00051	.00020	-.00119	.00339	-.00009
#2	.11256	-.00275	.00043	.00005	-.00112	.00109	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00787	.00010	.00022	-.00374	.01019	.00100	.00049
SDev	.00747	.00015	.00005	.00045	.01934	.00018	.00046
%RSD	94.890	148.14	21.718	12.103	189.72	17.996	94.268

#1	-.01315	.00021	.00025	-.00342	-.00348	.00112	.00082
#2	-.00259	-.00000	.00018	-.00406	.02386	.00087	.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.07406	.00002	.00175	-.00056	.36908	-.00428
SDev	.00244	.01590	.00006	.00060	.00052	.09540	.00333
%RSD	2165.5	21.475	340.09	34.151	91.440	25.848	77.827
#1	-.00184	.08531	.00006	.00218	-.00093	.43654	-.00192
#2	.00161	.06281	-.00003	.00133	-.00020	.30162	-.00664

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.04530	.05978	-.00006	.00071	.00034	-.00014
SDev	.00008	.01957	.00031	.00000	.00174	.00029	.00018
%RSD	141.18	43.207	.51409	1.3799	245.87	87.177	131.17
#1	.00000	-.05913	.06000	-.00006	.00194	.00013	-.00001
#2	.00012	-.03146	.05957	-.00006	-.00052	.00054	-.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00090	-.00011	.00079	-.00186	.00076
SDev	.00008	.00010	.00081	.00110	.00475	.00128
%RSD	25.726	11.542	715.75	138.69	255.89	169.02
#1	.00036	.00083	-.00068	.00157	-.00522	-.00015
#2	.00025	.00097	.00046	.00002	.00150	.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40760	--	--	--	--	--	--
SDev	756.6042	--	--	--	--	--	--
%RSD	1.856242	--	--	--	--	--	--
#1	40225	--	--	--	--	--	--
#2	41295	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-5-b Operator: DCL
Run Time: 04/23/12 15:35:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30362	.01913	.00248	.12725	-.00137	.42393	-.00000
SDev	.00423	.00332	.00075	.00056	.00000	.00115	.00005
%RSD	1.3941	17.366	30.108	.44285	.29063	.27249	1855.1
#1	.30661	.02148	.00301	.12764	-.00137	.42474	-.00004
#2	.30062	.01678	.00195	.12685	-.00137	.42311	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	530.05	.08817	.00349	.00143	.06616	.03743	-.00071
SDev	3.24	.00045	.00020	.00037	.00537	.00018	.00071
%RSD	.61181	.51065	5.6119	25.618	8.1160	.47681	99.882
#1	532.35	.08848	.00363	.00169	.06236	.03755	-.00021
#2	527.76	.08785	.00335	.00117	.06995	.03730	-.00122

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	3.3978	.06501	.87014	.42470	215.03	10.909
SDev	.00156	.0298	.00046	.00080	.00132	1.14	.059
%RSD	60.492	.87712	.70604	.09189	.31049	.53163	.54069
#1	.00148	3.4189	.06534	.87070	.42563	215.84	10.951
#2	.00369	3.3768	.06469	.86957	.42376	214.22	10.868

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	756.58	444.39	1.3531	-.00026	.00240	-.00425
SDev	.00006	4.17	2.71	.0053	.00007	.00093	.00001
%RSD	19.950	.55162	.60922	.39501	27.936	38.726	.34583
#1	-.00033	759.53	446.31	1.3569	-.00021	.00306	-.00424
#2	-.00025	753.63	442.48	1.3493	-.00031	.00174	-.00426

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00906	.25345	-.00160	-.00027	-.00192	.00483
SDev	.00023	.00112	.00008	.00103	.00025	.00222
%RSD	2.5096	.44294	5.1757	379.93	12.878	45.905
#1	.00922	.25424	-.00154	.00046	-.00210	.00326
#2	.00890	.25266	-.00166	-.00100	-.00175	.00640

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38026	--	--	--	--	--	--
SDev	217.0818	--	--	--	--	--	--
%RSD	.5708848	--	--	--	--	--	--
#1	37872	--	--	--	--	--	--
#2	38179	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53862-c-1-b Operator: DCL
Run Time: 04/23/12 15:39:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57415	-.00082	.00061	.07132	-.00129	.07556	-.00007
SDev	.07143	.00015	.00081	.00736	.00014	.00855	.00014

%RSD	12.441	17.860	132.57	10.318	10.659	11.311	196.81
#1	.62466	-.00071	.00119	.07653	-.00138	.08160	-.00017
#2	.52364	-.00092	.00004	.06612	-.00119	.06952	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.599	.00051	.00010	.00002	.61578	.00831	.00151
SDev	4.212	.00001	.00007	.00059	.06084	.00140	.00016
%RSD	10.125	2.4260	73.267	2510.6	9.8797	16.849	10.709
#1	44.578	.00052	.00015	.00044	.65880	.00931	.00162
#2	38.621	.00050	.00005	-.00039	.57276	.00732	.00139

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	4.0777	.04586	.00446	.00283	6.5672	4.4025
SDev	.00098	.4647	.00469	.00100	.00011	.8754	.4803
%RSD	67.222	11.396	10.235	22.318	3.7985	13.330	10.909
#1	-.00077	4.4063	.04918	.00516	.00290	7.1862	4.7421
#2	-.00215	3.7491	.04254	.00376	.00275	5.9482	4.0629

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	25.651	23.906	.31621	-.00389	.00057	.01354
SDev	.00077	2.457	2.215	.03216	.00250	.00132	.00169
%RSD	111.21	9.5790	9.2646	10.171	64.288	232.81	12.494
#1	-.00124	27.389	25.472	.33895	-.00212	.00150	.01474
#2	-.00015	23.914	22.340	.29347	-.00565	-.00037	.01235

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00328	.03349	.00400	.00026	-.00440	.00001
SDev	.00028	.00350	.00186	.00069	.00309	.00301
%RSD	8.5495	10.447	46.588	265.76	70.087	23049.
#1	.00347	.03596	.00532	-.00023	-.00658	.00214

#2	.00308	.03102	.00268	.00075	-.00222	-.00212

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37832	--	--	--	--	--	--
SDev	3124.705	--	--	--	--	--	--
%RSD	8.259314	--	--	--	--	--	--
#1	35623	--	--	--	--	--	--
#2	40042	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53862-c-2-b Operator: DCL
Run Time: 04/23/12 15:43:10
Comment: TRACE 61E

Analysis Report 04/23/12 03:46:58 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11625	-.00073	-.00045	.03060	-.00121	.08953	-.00015
SDev	.00106	.00093	.00117	.00010	.00001	.00077	.00002
%RSD	.90998	127.49	260.25	.31185	.97533	.85766	10.650
#1	.11550	-.00139	.00038	.03067	-.00122	.09008	-.00016
#2	.11699	-.00007	-.00127	.03053	-.00120	.08899	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.042	.00006	-.00037	-.00246	.01772	.00593	.00012
SDev	.138	.00023	.00010	.00002	.00395	.00010	.00015
%RSD	.72650	355.53	27.761	.73475	22.303	1.6670	131.40
#1	19.140	-.00010	-.00030	-.00247	.02051	.00600	.00022
#2	18.944	.00023	-.00044	-.00244	.01492	.00586	.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	1.9409	.00248	.00054	-.00020	4.8776	2.1358
SDev	.00120	.0169	.00000	.00052	.00020	.0615	.0156
%RSD	59.013	.86982	.00276	95.975	99.432	1.2613	.73131
#1	.00119	1.9528	.00248	.00017	-.00034	4.9211	2.1468
#2	.00289	1.9289	.00248	.00090	-.00006	4.8341	2.1247

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	22.383	20.918	.15615	-.00335	-.00005	-.00027
SDev	.00001	.130	.155	.00103	.00069	.00026	.00013
%RSD	1.5032	.58046	.74274	.66267	20.668	535.92	48.795
#1	-.00043	22.475	21.028	.15688	-.00384	-.00023	-.00036
#2	-.00042	22.291	20.809	.15542	-.00286	.00014	-.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.03291	.00286	-.00126	-.00350	.00481
SDev	.00006	.00003	.00056	.00005	.00109	.00235

%RSD	32.021	.08604	19.405	3.8867	31.100	48.853
#1	.00024	.03289	.00326	-.00129	-.00273	.00315
#2	.00015	.03293	.00247	-.00122	-.00427	.00648

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41012	--	--	--	--	--	--
SDev	330.2189	--	--	--	--	--	--
%RSD	.8051860	--	--	--	--	--	--
#1	40778	--	--	--	--	--	--
#2	41245	--	--	--	--	--	--

Analysis Report 04/23/12 03:46:58 PM page 15

Method: 20076010 Sample Name: 600-53630-f-1-e Operator: DCL
Run Time: 04/23/12 15:47:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4099	.00443	.00287	.04832	-.00113	.02545	-.00006
SDev	.0085	.00215	.00180	.00060	.00003	.00028	.00004
%RSD	.60058	48.568	62.633	1.2343	2.3245	1.0886	59.681
#1	1.4039	.00291	.00414	.04790	-.00111	.02526	-.00009
#2	1.4159	.00595	.00160	.04875	-.00115	.02565	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.169	.00113	.00059	-.00031	.90448	.00279	.00160
SDev	.366	.00015	.00003	.00020	.01364	.00009	.00003
%RSD	1.1391	12.848	4.8365	64.482	1.5076	3.3251	1.7516
#1	31.910	.00103	.00061	-.00045	.89484	.00272	.00158
#2	32.428	.00124	.00057	-.00017	.91412	.00285	.00162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	3.1551	.02349	.00202	.00074	9.9926	4.6836
SDev	.00028	.0419	.00030	.00021	.00059	.1386	.0322
%RSD	24.971	1.3290	1.2710	10.338	79.729	1.3870	.68659
#1	.00133	3.1254	.02328	.00188	.00032	9.8946	4.6608
#2	.00093	3.1847	.02370	.00217	.00116	10.091	4.7063

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	7.9781	7.6026	.12004	-.00236	-.00049	.04265
SDev	.00009	.0754	.0903	.00139	.00107	.00004	.00011
%RSD	26.678	.94449	1.1874	1.1547	45.550	8.4725	.26557
#1	-.00041	7.9248	7.5388	.11906	-.00160	-.00046	.04273
#2	-.00028	8.0314	7.6664	.12102	-.00312	-.00052	.04257

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00562	.03796	.00260	.00110	.00048	.00145
SDev	.00013	.00041	.00100	.00046	.00094	.00089
%RSD	2.2978	1.0890	38.366	41.392	195.97	61.313
#1	.00571	.03767	.00189	.00143	-.00018	.00208
#2	.00553	.03826	.00330	.00078	.00114	.00082

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41369	--	--	--	--	--	--

SDev	489.3179	--	--	--	--	--	--
%RSD	1.182813	--	--	--	--	--	--
#1	41715	--	--	--	--	--	--
#2	41023	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 15:50:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5161	.54814	.53020	.54737	.46771	.54372	.56199
SDev	.0168	.00034	.00236	.00211	.00225	.00124	.00293
%RSD	.66577	.06254	.44513	.38503	.48113	.22887	.52110
#1	2.5279	.54789	.53187	.54886	.46930	.54460	.56406
#2	2.5042	.54838	.52853	.54588	.46612	.54284	.55992

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.665	.47865	.47904	.48453	2.7768	.50369	.51593
SDev	.067	.00232	.00332	.00273	.0369	.00248	.00222
%RSD	.52968	.48429	.69280	.56397	1.3293	.49320	.43009
#1	12.712	.48029	.48138	.48646	2.8029	.50545	.51750
#2	12.617	.47701	.47669	.48260	2.7507	.50194	.51436

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50669	4.9332	.49689	.52710	.57904	13.279	.97760
SDev	.00528	.0313	.00282	.00306	.00788	.075	.00607
%RSD	1.0418	.63396	.56753	.58044	1.3613	.56494	.62122
#1	.51042	4.9553	.49888	.52926	.58461	13.332	.98190
#2	.50296	4.9111	.49490	.52494	.57346	13.226	.97331

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25467	13.014	12.860	.27486	.59212	.49574	.52589
SDev	.00222	.212	.066	.00111	.00097	.00177	.00272
%RSD	.87134	1.6261	.51063	.40271	.16373	.35667	.51758
#1	.25624	13.163	12.906	.27564	.59144	.49699	.52781

#2	.25310	12.864	12.813	.27408	.59281	.49449	.52397

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49483	.55009	.46697	.54041	.45035	.53492
SDev	.00231	.00289	.00478	.00094	.00519	.00532
%RSD	.46658	.52501	1.0244	.17330	1.1521	.99531
#1	.49646	.55214	.47036	.54108	.45402	.53868
#2	.49319	.54805	.46359	.53975	.44668	.53115

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41127	--	--	--	--	--	--
SDev	313.9554	--	--	--	--	--	--
%RSD	.7633803	--	--	--	--	--	--
#1	40905	--	--	--	--	--	--
#2	41349	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 15:54:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11972	.00077	-.00139	.00013	-.00122	.00183	-.00011
SDev	.00158	.00088	.00172	.00004	.00000	.00048	.00002
%RSD	1.3214	113.87	124.33	31.473	.00346	26.180	16.573
#1	.11861	.00140	-.00260	.00015	-.00122	.00217	-.00013
#2	.12084	.00015	-.00017	.00010	-.00122	.00149	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01524	.00027	-.00044	-.00378	-.00966	.00082	.00070
SDev	.00053	.00010	.00006	.00026	.00078	.00001	.00051
%RSD	3.5029	35.812	12.838	6.8061	8.0992	1.1048	73.418
#1	-.01562	.00034	-.00040	-.00360	-.01021	.00082	.00034
#2	-.01487	.00020	-.00048	-.00397	-.00911	.00083	.00106

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.06396	.00009	.00100	-.00072	.30004	-.00279
SDev	.00098	.00059	.00000	.00075	.00027	.01243	.00142
%RSD	134.50	.92288	.20592	74.863	37.396	4.1438	51.013
#1	.00142	.06354	.00009	.00153	-.00091	.29125	-.00178
#2	.00004	.06438	.00009	.00047	-.00053	.30883	-.00379

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	-.22768	.04679	-.00008	-.00179	-.00078	-.00013
SDev	.00018	.04789	.00007	.00001	.00436	.00050	.00017

%RSD	30.671	21.035	.14503	12.220	244.37	64.555	133.13
#1	-.00045	-.19382	.04674	-.00007	.00130	-.00042	-.00001
#2	-.00070	-.26155	.04684	-.00008	-.00487	-.00113	-.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00069	-.00083	.00146	-.00554	.00387
SDev	.00047	.00002	.00370	.00108	.00610	.00452
%RSD	159.60	2.3683	445.11	73.878	110.07	116.98

#1	.00063	.00068	-.00345	.00223	-.00986	.00706
#2	-.00004	.00071	.00179	.00070	-.00123	.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41234	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.1354726	--	--	--	--	--	--
#1	41274	--	--	--	--	--	--
#2	41195	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/23/12 16:09:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	484.59	.00039	.00006	.00186	-.00149	-.00034	-.00899
SDev	.52	.00106	.00044	.00012	.00000	.00086	.00056
%RSD	.10654	269.33	708.85	6.5871	.22940	249.03	6.1988
#1	484.22	.00114	.00037	.00177	-.00149	-.00095	-.00859
#2	484.95	-.00036	-.00025	.00195	-.00149	.00026	-.00938

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.04	.00100	.00002	.00867	206.69	.00533	.00215
SDev	1.94	.00035	.00047	.00061	.47	.00013	.00159
%RSD	.43058	35.528	2575.0	7.0589	.22739	2.3808	73.572
#1	448.67	.00075	.00035	.00824	206.35	.00524	.00103
#2	451.42	.00125	-.00031	.00910	207.02	.00542	.00328

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01449	488.02	-.00687	-.00024	.00070	.41616	.00581
SDev	.00045	2.29	.00000	.00301	.00052	.07240	.00225
%RSD	3.1305	.46840	.04893	1261.0	74.631	17.397	38.706
#1	-.01481	486.40	-.00687	.00189	.00106	.36496	.00422
#2	-.01417	489.63	-.00687	-.00237	.00033	.46735	.00740

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.30043	.23805	-.00883	.02216	-.00269	-.00404
SDev	.00042	.05592	.00741	.00000	.01136	.00715	.00014
%RSD	146.96	18.613	3.1107	.05377	51.268	265.23	3.4285
#1	.00001	.33997	.23281	-.00883	.03020	.00236	-.00414
#2	-.00059	.26089	.24328	-.00883	.01413	-.00775	-.00395

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00436	-.00807	.01006	-.00180	-.00817	-.01765
SDev	.00037	.00020	.00314	.00081	.00337	.00101
%RSD	8.4651	2.5269	31.225	44.895	41.301	5.7028
#1	.00410	-.00822	.00784	-.00237	-.01056	-.01694
#2	.00463	-.00793	.01228	-.00123	-.00578	-.01837

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37212	--	--	--	--	--	--
SDev	267.2864	--	--	--	--	--	--
%RSD	.7182800	--	--	--	--	--	--

#1	37401	--	--	--	--	--	--
#2	37023	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/23/12 16:13:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	498.63	1.1464	1.0835	1.1534	.45733	1.1573	.51973
SDev	.10	.0058	.0016	.0015	.00012	.0017	.00092
%RSD	.02019	.50762	.14657	.12705	.02563	.14379	.17631
#1	498.70	1.1423	1.0847	1.1524	.45741	1.1561	.52038
#2	498.56	1.1505	1.0824	1.1545	.45724	1.1585	.51908

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.29	.93766	.89702	1.0334	218.96	1.2913	1.0137
SDev	.99	.00127	.00084	.0004	.13	.0009	.0060
%RSD	.21541	.13562	.09376	.03880	.05820	.06608	.59328
#1	461.99	.93856	.89761	1.0336	219.05	1.2907	1.0179
#2	460.58	.93676	.89643	1.0331	218.87	1.2919	1.0094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0043	503.35	.98812	1.0523	1.0654	15.825	1.0566
SDev	.0015	.80	.00111	.0014	.0026	.029	.0014
%RSD	.15091	.15956	.11214	.13415	.24206	.18118	.13049

#1	1.0032	503.92	.98891	1.0513	1.0672	15.846	1.0576
#2	1.0054	502.78	.98734	1.0533	1.0636	15.805	1.0557
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55879	12.587	14.491	.55736	1.1879	.97532	1.0545
SDev	.00054	.183	.004	.00019	.0083	.00220	.0001
%RSD	.09688	1.4576	.02575	.03416	.69940	.22514	.01353
#1	.55918	12.717	14.488	.55723	1.1821	.97687	1.0544
#2	.55841	12.458	14.494	.55750	1.1938	.97377	1.0546
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.97939	1.0991	.91452	1.0633	.88620	1.0634	
SDev	.00082	.0005	.01256	.0027	.00285	.0037	
%RSD	.08337	.04881	1.3733	.25784	.32217	.34804	
#1	.97997	1.0987	.92340	1.0652	.88822	1.0608	
#2	.97881	1.0994	.90564	1.0613	.88418	1.0660	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37098	--	--	--	--	--	--
SDev	169.7056	--	--	--	--	--	--
%RSD	.4574522	--	--	--	--	--	--
#1	36978	--	--	--	--	--	--
#2	37218	--	--	--	--	--	--

Method: 20076010 04/24/12 08:36:23 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A042412	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 04/24/12 09:08:09 AM page 1

Method: 20076010 Standard: S0
Run Time: 04/24/12 09:04:45

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00516	.00036	-.00131	.00005	-.01772	.00186	.00047
SDev	.00011	.00135	.00171	.00021	.00056	.00278	.00422
%RSD	2.1092	379.23	130.54	418.46	3.1330	148.98	904.55
#1	.00508	-.00060	-.00252	-.00010	-.01733	-.00010	-.00252
#2	.00523	.00131	-.00010	.00020	-.01812	.00382	.00345

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00578	-.00019	-.00062	.00472	-.00152	.07617	.04110
SDev	.00018	.00012	.00031	.00034	.00211	.00084	.00052
%RSD	3.1849	65.419	50.270	7.1117	139.08	1.1081	1.2531
#1	.00565	-.00027	-.00085	.00448	-.00301	.07558	.04074
#2	.00591	-.00010	-.00040	.00496	-.00003	.07677	.04147

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00001	-.00021	-.00179	.48358	.03267	-.00042	-.00182
SDev	.00005	.00072	.00061	.00561	.00001	.00039	.00069
%RSD	418.46	344.67	33.921	1.1609	.02227	91.078	38.064
#1	-.00002	-.00072	-.00222	.47961	.03267	-.00070	-.00232
#2	.00005	.00030	-.00136	.48754	.03266	-.00015	-.00133

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.24188	-.00266	-.00133	.00012	-.00250	-.00003	.00447
SDev	.00178	.00049	.00038	.00140	.00012	.00000	.00033
%RSD	.73631	18.531	28.646	1187.8	4.9216	.73631	7.4688
#1	.24062	-.00301	-.00159	-.00087	-.00259	-.00002	.00423
#2	.24314	-.00231	-.00106	.00111	-.00242	-.00003	.00471

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00779	-.00232	-.00359	.00178

SDev	.00286	.00120	.00261	.00019
%RSD	36.769	51.856	72.737	10.692
#1	.00981	-.00147	-.00174	.00164
#2	.00576	-.00317	-.00544	.00191

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39950	--	--	--	--	--	--
SDev	294.1564	--	--	--	--	--	--
%RSD	.7363114	--	--	--	--	--	--
#1	40158	--	--	--	--	--	--
#2	39742	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 04/24/12 09:08:59

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.84829	.94163	1.1030	11.658	23.045	6.5869	14.021
SDev	.00100	.00080	.0016	.022	.013	.0067	.021
%RSD	.11770	.08441	.14947	.18979	.05541	.10202	.15097
#1	.84899	.94220	1.1042	11.673	23.054	6.5916	14.036
#2	.84758	.94107	1.1019	11.642	23.036	6.5821	14.006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8598	2.1555	1.2861	1.2460	4.6878	18.857	1.2907
SDev	.0032	.0024	.0017	.0020	.0001	.029	.0011
%RSD	.11152	.11309	.13526	.16068	.00109	.15219	.08792
#1	2.8621	2.1572	1.2873	1.2474	4.6877	18.877	1.2915
#2	2.8576	2.1538	1.2848	1.2446	4.6878	18.836	1.2899

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.7728	1.5392	6.5811	2.7507	.82694	.71613	.11993
SDev	.0029	.0026	.0326	.0035	.00224	.00100	.00002
%RSD	.16130	.17089	.49593	.12716	.27115	.13994	.01901
#1	1.7748	1.5373	6.6042	2.7532	.82852	.71684	.11991
#2	1.7708	1.5411	6.5580	2.7482	.82535	.71543	.11995

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	15.424	40.170	.30651	2.7208	10.636	.53493	3.1239
SDev	.027	.072	.00041	.0065	.018	.00098	.0021
%RSD	.17802	.17832	.13451	.23967	.16732	.18372	.06766
#1	15.444	40.221	.30622	2.7254	10.649	.53562	3.1254
#2	15.405	40.119	.30680	2.7162	10.624	.53423	3.1224

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.7903	7.6094	1.1750	1.0249
SDev	.0006	.0268	.0017	.0080
%RSD	.01632	.35239	.14232	.78130
#1	3.7907	7.5904	1.1739	1.0193
#2	3.7899	7.6283	1.1762	1.0306

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39723	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0106806	--	--	--	--	--	--
#1	39720	--	--	--	--	--	--
#2	39726	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	23.7211	-.122326	04/24/12 09:08:59
Sb2068	206.838	STD	S0	2.13184	-.000758	04/24/12 09:08:59
As1890	189.042	STD	S0	1.79352	.002346	04/24/12 09:08:59
Ba4934	493.409	STD	S0	.171561	-.000009	04/24/12 09:08:59
Be3130	313.042	STD	S0	.043389	.000769	04/24/12 09:08:59
B_2496	249.678	STD	S0	.303719	-.000566	04/24/12 09:08:59
Cd2265	226.502	STD	S0	.071466	-.000033	04/24/12 09:08:59
Ca3179	317.933	STD	S0	7.00759	-.040524	04/24/12 09:08:59
Cr2677	267.716	STD	S0	.927778	.000174	04/24/12 09:08:59
Co2286	228.616	STD	S0	1.55439	.000971	04/24/12 09:08:59
Cu3247	324.753	STD	S0	1.61036	-.007600	04/24/12 09:08:59
Fe2714	271.441	STD	S0	4.08846	.006211	04/24/12 09:08:59
Li6707	670.784	STD	S0	.106493	-.008112	04/24/12 09:08:59
Pb2203	220.353		NONE	.000000	.000000	*04/24/12 09:08:59
Se1960	196.026		NONE	.000000	.000000	*04/24/12 09:08:59
Mg2790	279.078	STD	S0	16.0056	-.657884	04/24/12 09:08:59
Mn2576	257.610	STD	S0	1.12836	-.000014	04/24/12 09:08:59
Mo2020	202.030	STD	S0	1.29920	.000273	04/24/12 09:08:59
Ni2316	231.604	STD	S0	.303817	.000543	04/24/12 09:08:59
K_7664	766.491	STD	S0	8.82175	-4.26598	04/24/12 09:08:59
Si2881	288.158	STD	S0	2.49485	-.081496	04/24/12 09:08:59
Ag3280	328.068	STD	S0	1.39594	.000592	04/24/12 09:08:59
Na3302	330.232	STD	S0	164.264	.299737	04/24/12 09:08:59
Na5889	588.995	STD	S0	1.31731	-.318635	04/24/12 09:08:59
Sr4215	421.552	STD	S0	.024904	.000066	04/24/12 09:08:59
Tl1908	190.864	STD	S0	6.51791	.008638	04/24/12 09:08:59
Sn1899	189.989	STD	S0	.735112	-.000087	04/24/12 09:08:59
Ti3349	334.941	STD	S0	.187988	.000470	04/24/12 09:08:59
V_2924	292.402	STD	S0	3.70281	.000093	04/24/12 09:08:59
Zn2138	213.856	STD	S0	.641937	-.002869	04/24/12 09:08:59
2203/1	220.351	STD	S0	.531835	-.004141	04/24/12 09:08:59
2203/2	220.352	STD	S0	.261770	.000607	04/24/12 09:08:59
1960/1	196.021	STD	S0	1.69900	.006098	04/24/12 09:08:59
1960/2	196.022	STD	S0	1.95069	-.003468	04/24/12 09:08:59

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 04/24/12 09:12:26 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

```
                    STD            1.00000         1.00048         -.000480

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Tl1908    190.864     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00644         -.006442


Standardization      Readback Report      04/24/12 09:12:26 AM         page 6

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Sn1899    189.989     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00000         .000000

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Ti3349    334.941     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00000         .000000

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
V_2924    292.402     S0              .000000         .000000         -.000000
                      STD            2.00000         1.98084         .019164

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Zn2138    213.856     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00245         -.002452

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
2203/1    220.351     S0              .000000         -.000000        .000000
                      STD            2.00000         2.01167         -.011672

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
2203/2    220.352     S0              .000000         -.000000        .000000
                      STD            2.00000         1.99251         .007490

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
1960/1    196.021     S0              .000000         .000000         -.000000
                      STD            2.00000         2.00251         -.002508

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
1960/2    196.022     S0              .000000         -.000000        .000000
                      STD            2.00000         1.99584         .004162


Analysis Report                          04/24/12 09:16:58 AM         page 1

Method: 20076010   Sample Name: S2 met0412cal_00001    Operator: DCL
Run Time: 04/24/12 09:13:10
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    20.353    2.0254    2.0240    2.0337    1.0089    2.0310    1.0036
```

SDev	.071	.0145	.0070	.0089	.0029	.0073	.0030
%RSD	.35040	.71583	.34665	.43647	.29243	.36037	.29520
#1	20.404	2.0356	2.0290	2.0400	1.0110	2.0361	1.0057
#2	20.303	2.0151	2.0191	2.0274	1.0068	2.0258	1.0015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.075	2.0145	2.0132	2.0415	20.115	2.0439	2.0030
SDev	.047	.0051	.0054	.0108	.047	.0096	.0003
%RSD	.23170	.25198	.26834	.52756	.23578	.46934	.01729
#1	20.108	2.0181	2.0171	2.0491	20.148	2.0507	2.0032
#2	20.043	2.0109	2.0094	2.0339	20.081	2.0371	2.0027

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0235	20.074	2.0109	2.0165	1.9850	20.386	2.0174
SDev	.0010	.043	.0062	.0057	.0088	.079	.0064
%RSD	.04901	.21594	.31005	.28086	.44421	.38895	.31753
#1	2.0228	20.105	2.0153	2.0206	1.9912	20.442	2.0220
#2	2.0242	20.044	2.0065	2.0125	1.9787	20.330	2.0129

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0123	20.252	20.728	1.0134	2.0241	2.0153	2.0188
SDev	.0043	.078	.120	.0042	.0036	.0044	.0066
%RSD	.42439	.38695	.57839	.41121	.17801	.21779	.32503
#1	1.0153	20.196	20.813	1.0163	2.0215	2.0184	2.0234
#2	1.0093	20.307	20.643	1.0104	2.0266	2.0122	2.0141

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0146	2.0165	1.9969	2.0060	2.0125	2.0291
SDev	.0064	.0065	.0050	.0020	.0011	.0009
%RSD	.31523	.32469	.24829	.09769	.05645	.04532
#1	2.0191	2.0212	2.0004	2.0046	2.0117	2.0284
#2	2.0102	2.0119	1.9934	2.0074	2.0133	2.0297

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40663	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2782310	--	--	--	--	--	--

#1	40743	--	--	--	--	--	--
#2	40583	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 09:17:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5212	.50393	.50334	.50331	.51151	.50606	.50680
SDev	.0149	.00291	.00138	.00307	.00153	.00396	.00117
%RSD	.59041	.57665	.27432	.60948	.29898	.78204	.23094
#1	2.5318	.50599	.50431	.50548	.51259	.50885	.50763
#2	2.5107	.50188	.50236	.50114	.51043	.50326	.50598

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.653	.50426	.50753	.51132	2.5762	.46522	.50210
SDev	.024	.00158	.00103	.00423	.0119	.00279	.00105
%RSD	.18650	.31308	.20213	.82750	.46140	.60068	.20917
#1	12.670	.50537	.50825	.51431	2.5846	.46719	.50284
#2	12.636	.50314	.50680	.50833	2.5677	.46324	.50135

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51160	5.0210	.49740	.51614	.50541	12.276	.97358
SDev	.00193	.0052	.00157	.00158	.00164	.073	.00522
%RSD	.37790	.10397	.31652	.30666	.32542	.59128	.53639
#1	.51296	5.0173	.49851	.51726	.50425	12.328	.97727
#2	.51023	5.0247	.49628	.51502	.50657	12.225	.96988

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25151	12.951	12.228	.25025	.51747	.51389	.51042
SDev	.00201	.037	.165	.00128	.00023	.00052	.00183
%RSD	.79926	.28347	1.3486	.51172	.04402	.10224	.35869
#1	.25293	12.977	12.345	.25115	.51731	.51352	.51171
#2	.25009	12.925	12.112	.24934	.51763	.51426	.50912

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50934	.51187	.50113	.50258	.50521	.51485
SDev	.00137	.00139	.00005	.00160	.00099	.00241
%RSD	.26829	.27155	.00975	.31830	.19557	.46734
#1	.51031	.51285	.50110	.50371	.50591	.51655
#2	.50837	.51088	.50116	.50145	.50452	.51315

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 09:20:49 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40244	--	--	--	--	--	--
SDev	369.8168	--	--	--	--	--	--
%RSD	.9189480	--	--	--	--	--	--
#1	40505	--	--	--	--	--	--
#2	39982	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 04/24/12 09:20:52

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00366	.00513	.00202	.00007	.00008	.00290	.00002
SDev	.00269	.00020	.00015	.00006	.00001	.00060	.00000
%RSD	73.708	3.9661	7.6988	81.443	6.2065	20.614	5.3768
#1	.00175	.00527	.00213	.00003	.00008	.00332	.00002
#2	.00556	.00498	.00191	.00011	.00009	.00247	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	.00044	.00021	-.00009	.00274	.00004	.00080
SDev	.00092	.00034	.00052	.00030	.00339	.00002	.00026
%RSD	97.041	78.124	245.89	316.88	123.88	47.653	32.738
#1	-.00159	.00020	-.00016	-.00031	.00514	.00005	.00098
#2	-.00030	.00068	.00058	.00012	.00034	.00003	.00061

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.00524	.00007	.00316	.00008	-.01440	.00250
SDev	.00227	.00300	.00000	.00083	.00019	.00063	.00134
%RSD	173.28	57.238	.31045	26.302	240.32	4.3837	53.733
#1	.00292	-.00736	.00007	.00375	.00022	-.01396	.00155
#2	-.00030	-.00312	.00007	.00258	-.00006	-.01485	.00345

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.08001	-.00066	.00002	.00073	-.00004	.00017
SDev	.00000	.01379	.00028	.00003	.00266	.00077	.00010
%RSD	1.4175	17.237	42.654	164.91	362.87	1920.0	57.481
#1	.00007	-.07025	-.00046	-.00000	-.00115	.00050	.00010
#2	.00007	-.08976	-.00086	.00004	.00262	-.00058	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00043	.00099	.00070	.00077	.00158
SDev	.00019	.00037	.00146	.00112	.00038	.00322
%RSD	53.053	86.229	147.55	160.37	49.442	203.38
#1	.00022	.00017	-.00004	.00150	.00104	.00386

Analysis Report 04/24/12 09:24:40 AM page 4

#2	.00049	.00069	.00203	-.00009	.00050	-.00069

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40011	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.1908663	--	--	--	--	--	--
#1	39957	--	--	--	--	--	--
#2	40065	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 04/24/12 09:24:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09615	.01003	.00959	.00958	.00526	.01157	.00530
SDev	.00121	.00188	.00004	.00003	.00003	.00060	.00004
%RSD	1.2546	18.789	.44904	.30686	.55343	5.2068	.79474
#1	.09700	.01137	.00956	.00960	.00528	.01199	.00533
#2	.09529	.00870	.00962	.00956	.00524	.01114	.00527

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10724	.00952	.00955	.00896	.09339	.00764	.00935
SDev	.00018	.00030	.00048	.00033	.00870	.00016	.00068
%RSD	.16979	3.1673	5.0125	3.6586	9.3150	2.0513	7.3227
#1	.10737	.00973	.00921	.00920	.08724	.00775	.00887
#2	.10711	.00930	.00989	.00873	.09955	.00753	.00984

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00997	.09018	.00959	.01056	.00940	.57185	.01253
SDev	.00046	.01012	.00005	.00014	.00038	.05806	.00102
%RSD	4.6230	11.219	.50389	1.3140	4.0652	10.153	8.1168
#1	.01029	.09734	.00962	.01065	.00913	.61290	.01324
#2	.00964	.08303	.00955	.01046	.00967	.53079	.01181

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00506	.49624	.54855	.00428	.00976	.00830	.00968
SDev	.00047	.00358	.00482	.00001	.00208	.00048	.00003
%RSD	9.2184	.72084	.87888	.33002	21.340	5.7283	.33117
#1	.00473	.49371	.55196	.00429	.01123	.00797	.00966
#2	.00539	.49877	.54514	.00427	.00828	.00864	.00971

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00924	.00771	.00925	.00941	.00640	.01175

Analysis Report 04/24/12 09:28:31 AM page 5

SDev	.00023	.00015	.00260	.00027	.00122	.00130
%RSD	2.5296	1.9609	28.053	2.8711	19.140	11.090
#1	.00941	.00760	.00741	.00960	.00553	.01267
#2	.00907	.00782	.01108	.00921	.00726	.01083

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40120	--	--	--	--	--	--
SDev	451.8413	--	--	--	--	--	--
%RSD	1.126210	--	--	--	--	--	--
#1	39801	--	--	--	--	--	--

#2	40440	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/24/12 09:28:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.56	.00178	.00107	.00179	-.00002	-.00159	-.00500
SDev	1.42	.00148	.00246	.00007	.00001	.00122	.00010
%RSD	.27649	83.666	230.26	4.0432	56.922	76.908	2.0782
#1	514.56	.00283	.00280	.00173	-.00002	-.00245	-.00493
#2	512.56	.00072	-.00067	.00184	-.00001	-.00072	-.00508

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	460.36	.00174	-.00007	.01273	197.34	.00414	.00190
SDev	1.00	.00066	.00039	.00018	.77	.00006	.00147
%RSD	.21644	37.784	534.27	1.4129	.39119	1.4083	77.678
#1	461.06	.00127	.00020	.01260	197.89	.00418	.00085
#2	459.65	.00220	-.00034	.01285	196.80	.00410	.00294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00181	517.76	-.00764	.00111	.00071	.09664	.01439
SDev	.00091	1.17	.00003	.00079	.00106	.01878	.00024
%RSD	50.204	.22691	.40171	70.652	149.90	19.430	1.6869
#1	-.00117	518.60	-.00766	.00167	-.00004	.10991	.01422
#2	-.00245	516.93	-.00762	.00056	.00146	.08336	.01457

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00924	.17796	-.00914	-.01270	-.00214	-.00356
SDev	.00019	.00778	.00257	.00006	.00252	.00299	.00013
%RSD	81.937	84.176	1.4459	.66684	19.859	139.72	3.5575
#1	.00036	.01474	.17978	-.00918	-.01091	-.00003	-.00365
#2	.00010	.00374	.17614	-.00910	-.01448	-.00426	-.00347

Analysis Report 04/24/12 09:32:22 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	-.00455	-.01595	.01082	-.00172	-.00185
SDev	.00012	.00007	.00036	.00203	.00031	.00152
%RSD	3.7300	1.5508	2.2857	18.734	18.167	82.073
#1	.00307	-.00450	-.01621	.00938	-.00194	-.00078
#2	.00323	-.00460	-.01569	.01225	-.00150	-.00292

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36470	--	--	--	--	--	--
SDev	222.7386	--	--	--	--	--	--
%RSD	.6107532	--	--	--	--	--	--

#1	36312	--	--	--	--	--	--
#2	36627	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/24/12 09:32:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	516.63	1.0397	1.0262	1.0440	.49886	1.0525	.46922
SDev	1.19	.0065	.0034	.0024	.00020	.0004	.00082
%RSD	.23045	.62298	.33297	.22949	.04086	.03905	.17448
#1	517.47	1.0443	1.0238	1.0457	.49901	1.0522	.46980
#2	515.78	1.0351	1.0286	1.0423	.49872	1.0528	.46865

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	460.76	.98603	.95071	1.0784	204.22	1.1621	.98794
SDev	.22	.00033	.00062	.0032	.24	.0044	.00029
%RSD	.04683	.03390	.06523	.29838	.11576	.37443	.02965
#1	460.91	.98627	.95114	1.0807	204.38	1.1652	.98774
#2	460.60	.98580	.95027	1.0761	204.05	1.1591	.98815

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0151	520.93	.98349	1.0131	.92805	14.069	1.0454
SDev	.0028	.41	.00081	.0012	.00468	.043	.0011
%RSD	.27488	.07812	.08246	.11748	.50483	.30318	.10668
#1	1.0171	521.22	.98406	1.0123	.93137	14.099	1.0462
#2	1.0131	520.64	.98292	1.0140	.92474	14.039	1.0446

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54583	12.102	13.291	.49816	.98662	1.0067	1.0158
SDev	.00150	.064	.075	.00107	.00350	.0033	.0003

%RSD	.27544	.53214	.56749	.21524	.35494	.32957	.02504
#1	.54689	12.148	13.344	.49892	.98910	1.0091	1.0160
#2	.54477	12.057	13.237	.49740	.98415	1.0044	1.0156

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0040	1.0207	.97053	.99665	1.0181	1.0136
SDev	.0009	.0012	.00364	.00226	.0109	.0013
%RSD	.09222	.12209	.37525	.22680	1.0713	.12509
#1	1.0047	1.0216	.97311	.99505	1.0258	1.0127
#2	1.0034	1.0199	.96796	.99825	1.0104	1.0145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37251	--	--	--	--	--	--

SDev	101.8234	--	--	--	--	--	--
%RSD	.2733440	--	--	--	--	--	--
#1	37323	--	--	--	--	--	--
#2	37179	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 09:36:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5138	.50020	.50239	.49999	.50893	.50332	.50613
SDev	.0177	.00007	.00029	.00133	.00034	.00129	.00125
%RSD	.70219	.01376	.05832	.26641	.06607	.25574	.24760
#1	2.5262	.50025	.50260	.50093	.50917	.50423	.50702
#2	2.5013	.50015	.50218	.49905	.50870	.50241	.50525

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.595	.50140	.50421	.50769	2.5753	.46171	.50031
SDev	.016	.00010	.00095	.00220	.0353	.00097	.00143
%RSD	.12806	.02006	.18881	.43385	1.3704	.20890	.28603
#1	12.606	.50147	.50489	.50925	2.6003	.46239	.50133
#2	12.583	.50132	.50354	.50614	2.5504	.46103	.49930

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50982	5.0362	.49514	.50865	.50177	12.153	.96619
SDev	.00063	.0109	.00052	.00159	.00296	.010	.00019
%RSD	.12347	.21600	.10535	.31334	.59021	.07885	.01987
#1	.50938	5.0439	.49551	.50978	.50386	12.160	.96606
#2	.51027	5.0285	.49477	.50753	.49968	12.146	.96633

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24996	12.860	12.105	.24894	.51721	.50846	.50880
SDev	.00153	.316	.074	.00047	.00196	.00439	.00056
%RSD	.61320	2.4609	.60746	.18924	.37849	.86254	.10910
#1	.25104	13.083	12.156	.24927	.51860	.51156	.50919
#2	.24887	12.636	12.053	.24861	.51583	.50536	.50840

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50624	.51071	.49770	.50162	.50249	.51355
SDev	.00038	.00036	.00221	.00104	.00235	.00023
%RSD	.07527	.07022	.44326	.20803	.46873	.04546
#1	.50651	.51097	.49926	.50236	.50082	.51371
#2	.50597	.51046	.49614	.50088	.50415	.51338

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40750	--	--	--	--	--	--
SDev	267.9935	--	--	--	--	--	--
%RSD	.6576608	--	--	--	--	--	--
#1	40939	--	--	--	--	--	--
#2	40560	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 09:40:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00827	.00086	.00293	.00001	.00004	.00240	-.00003
SDev	.00690	.00206	.00057	.00014	.00000	.00038	.00018
%RSD	83.378	239.40	19.637	1286.4	9.4082	15.889	694.02
#1	.00340	-.00060	.00252	-.00009	.00004	.00213	-.00016
#2	.01315	.00232	.00334	.00011	.00004	.00267	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00019	.00007	-.00037	-.00072	-.00015	-.00003
SDev	.00047	.00050	.00133	.00046	.04509	.00008	.00091
%RSD	32.572	269.23	1879.0	123.11	6290.3	52.721	3482.8
#1	.00111	-.00017	-.00087	-.00069	-.03260	-.00020	.00062
#2	.00177	.00054	.00101	-.00005	.03116	-.00009	-.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	-.00859	.00000	.00256	.00010	-.06258	.00021
SDev	.00208	.00984	.00006	.00035	.00053	.05041	.00370
%RSD	90.853	114.61	110270.	13.508	510.93	80.554	1794.7

Analysis Report 04/24/12 09:43:55 AM page 9

#1	.00082	-.01554	-.00004	.00280	-.00027	-.09823	-.00241
#2	.00377	-.00163	.00004	.00231	.00048	-.02694	.00282

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	-.11665	-.00429	.00000	.00177	-.00087	.00012
SDev	.00129	.26441	.00344	.00002	.00063	.00198	.00017
%RSD	363.71	226.68	80.212	599.03	35.780	227.56	138.65
#1	-.00127	-.30361	-.00673	-.00001	.00221	.00053	.00000
#2	.00056	.07032	-.00186	.00002	.00132	-.00227	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00027	-.00305	.00148	-.00286	.00487
SDev	.00032	.00018	.00247	.00260	.00889	.00132
%RSD	1669.5	66.554	81.149	175.08	310.98	27.131
#1	-.00025	.00014	-.00480	.00332	-.00915	.00580
#2	.00021	.00039	-.00130	-.00035	.00343	.00394

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40331	--	--	--	--	--	--
SDev	332.3402	--	--	--	--	--	--
%RSD	.8240316	--	--	--	--	--	--
#1	40566	--	--	--	--	--	--
#2	40096	--	--	--	--	--	--

Analysis Report 04/24/12 09:58:24 AM page 1

Method: 20076010 Sample Name: mb 600-77724/1-a Operator: DCL
Run Time: 04/24/12 09:54:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05087	.00296	.00070	.00101	.00001	.00117	.00007
SDev	.00358	.00390	.00157	.00002	.00000	.00007	.00006
%RSD	7.0346	131.81	226.38	1.8571	36.567	5.6600	90.578
#1	.04834	.00020	.00181	.00100	.00001	.00112	.00002
#2	.05340	.00571	-.00042	.00102	.00001	.00121	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15804	.00087	.00017	.00082	.02728	.00072	.00082
SDev	.01261	.00036	.00013	.00041	.00935	.00006	.00118
%RSD	7.9801	40.916	76.282	50.162	34.286	8.2973	142.84
#1	.14912	.00062	.00026	.00053	.03389	.00077	-.00001
#2	.16695	.00112	.00008	.00112	.02067	.00068	.00165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	.03556	.00069	.00021	.00083	.03309	.00951
SDev	.00080	.00561	.00003	.00009	.00108	.03403	.00064
%RSD	51.167	15.776	4.9277	44.035	129.00	102.87	6.7024
#1	-.00213	.03952	.00067	.00027	.00159	.05715	.00996
#2	-.00100	.03159	.00072	.00014	.00007	.00902	.00906

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.11017	.04171	.00010	-.00512	.02931	.00069
SDev	.00040	.01005	.00914	.00001	.00312	.00112	.00012
%RSD	45.628	9.1197	21.914	12.308	61.077	3.8338	17.509
#1	.00116	.11728	.04817	.00009	-.00732	.03011	.00061
#2	.00059	.10307	.03524	.00011	-.00291	.02852	.00078

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.02075	.00120	.00064	-.00668	.00099
SDev	.00033	.00151	.00089	.00132	.00207	.00017
%RSD	100.02	7.2710	74.041	207.75	30.956	16.851
#1	.00010	.01968	.00057	-.00030	-.00814	.00087
#2	.00056	.02182	.00183	.00157	-.00522	.00111

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39852	--	--	--	--	--	--
SDev	338.7042	--	--	--	--	--	--
%RSD	.8499157	--	--	--	--	--	--

Analysis Report 04/24/12 09:58:24 AM page 2

#1	39612	--	--	--	--	--	--
#2	40091	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77724/2-a Operator: DCL
Run Time: 04/24/12 09:58:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.690	.95473	1.2953	2.4961	1.5171	.85279	.70024
SDev	3.208	.03734	.0467	.0923	.0514	.02791	.02392
%RSD	3.7440	3.9108	3.6017	3.6986	3.3852	3.2728	3.4154
#1	87.959	.98113	1.3283	2.5614	1.5534	.87252	.71715
#2	83.422	.92833	1.2623	2.4308	1.4808	.83305	.68333

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.169	1.0156	1.3771	1.1010	167.52	.07927	1.3048
SDev	3.037	.0354	.0480	.0417	6.00	.00302	.0449
%RSD	3.3683	3.4889	3.4828	3.7869	3.5805	3.8155	3.4425
#1	92.317	1.0406	1.4110	1.1305	171.76	.08141	1.3365
#2	88.022	.99053	1.3432	1.0715	163.28	.07713	1.2730

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8643	38.584	5.0371	.92873	1.3168	44.607	11.358
SDev	.0728	1.353	.1760	.02913	.0496	1.581	.401
%RSD	3.9024	3.5058	3.4938	3.1369	3.7645	3.5449	3.5315
#1	1.9157	39.541	5.1615	.94933	1.3519	45.725	11.641
#2	1.8129	37.628	4.9126	.90813	1.2818	43.489	11.074

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44957	3.4761	6.3023	2.4436	1.5297	1.5306	3.8000
SDev	.01620	.2439	.2406	.0901	.0554	.0559	.1330
%RSD	3.6040	7.0161	3.8169	3.6869	3.6222	3.6519	3.5001
#1	.46103	3.6485	6.4724	2.5073	1.5689	1.5702	3.8941
#2	.43812	3.3036	6.1322	2.3799	1.4905	1.4911	3.7060

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61634	2.0433	1.2922	1.3111	1.8219	1.8855
SDev	.02186	.0705	.0358	.0495	.0665	.0759
%RSD	3.5462	3.4482	2.7714	3.7732	3.6500	4.0243

#1	.63179	2.0931	1.3175	1.3460	1.8689	1.9392
#2	.60088	1.9935	1.2668	1.2761	1.7749	1.8319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 10:02:15 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42676	--	--	--	--	--	--
SDev	972.9789	--	--	--	--	--	--
%RSD	2.279921	--	--	--	--	--	--
#1	41988	--	--	--	--	--	--
#2	43364	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53712-a-35-a Operator: DCL
Run Time: 04/24/12 10:02:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	238.50	.01080	.12325	2.5906	.01414	.08196	-.00420
SDev	.26	.00421	.00124	.0029	.00009	.00068	.00001
%RSD	.11036	39.001	1.0061	.11265	.63284	.83121	.30780
#1	238.69	.01378	.12412	2.5927	.01420	.08244	-.00421
#2	238.31	.00782	.12237	2.5886	.01407	.08148	-.00419

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	604.34	.24300	.10522	.18627	280.98	.15534	.25104
SDev	2.37	.00106	.00002	.00013	.71	.00003	.00019
%RSD	.39193	.43622	.01504	.06767	.25370	.01580	.07506
#1	606.02	.24375	.10521	.18636	281.48	.15533	.25091
#2	602.67	.24225	.10524	.18618	280.47	.15536	.25117

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00601	53.179	4.5085	.00327	.23329	54.094	9.2438
SDev	.00148	.157	.0127	.00193	.00088	.009	.0105
%RSD	24.572	.29555	.28066	59.062	.37528	.01578	.11403
#1	.00705	53.290	4.5174	.00463	.23391	54.100	9.2513
#2	.00496	53.067	4.4995	.00190	.23267	54.088	9.2364

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00237	.27191	.64550	.36257	-.02268	.03588	.32947
SDev	.00043	.08620	.00043	.00042	.00165	.00027	.00107
%RSD	18.207	31.701	.06678	.11683	7.2822	.75512	.32423
#1	-.00268	.21096	.64580	.36287	-.02151	.03607	.33022
#2	-.00207	.33286	.64520	.36227	-.02385	.03568	.32871

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69186	.66694	.23410	.25951	-.00517	.01160

SDev	.00195	.00130	.00117	.00087	.00541	.00049
%RSD	.28132	.19502	.49934	.33415	104.63	4.2442
#1	.69324	.66786	.23493	.25889	-.00135	.01125

#2	.69048	.66602	.23328	.26012	-.00900	.01195

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44520	--	--	--	--	--	--
SDev	161.9275	--	--	--	--	--	--
%RSD	.3637144	--	--	--	--	--	--
#1	44406	--	--	--	--	--	--
#2	44635	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-1-b Operator: DCL
Run Time: 04/24/12 10:06:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	331.55	.00612	.11260	3.6176	.01726	.04400	-.00003
SDev	.27	.00319	.00483	.0046	.00001	.00045	.00004
%RSD	.08183	52.121	4.2910	.12643	.05107	1.0153	115.07
#1	331.74	.00838	.11602	3.6208	.01727	.04432	-.00001
#2	331.35	.00387	.10918	3.6143	.01726	.04368	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1199.1	.27142	.16112	.19098	240.04	.17835	.24112
SDev	.7	.00013	.00011	.00005	.02	.00030	.00103
%RSD	.05752	.04791	.07005	.02450	.00890	.16752	.42748
#1	1198.7	.27151	.16104	.19102	240.05	.17856	.24039
#2	1199.6	.27133	.16120	.19095	240.02	.17814	.24185

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00575	47.651	16.519	-.00081	.30696	29.647	15.964
SDev	.00104	.013	.011	.00067	.00046	.055	.006
%RSD	18.078	.02636	.06390	82.654	.14933	.18403	.03977
#1	-.00649	47.660	16.526	-.00034	.30728	29.685	15.969
#2	-.00502	47.642	16.511	-.00128	.30664	29.608	15.960

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00236	1.4096	1.5296	2.6281	-.03017	.03290	.19091
SDev	.00012	.0711	.0029	.0039	.00082	.00136	.00062
%RSD	5.1611	5.0420	.18909	.14648	2.7272	4.1178	.32446
#1	-.00244	1.3594	1.5317	2.6308	-.02958	.03386	.19134
#2	-.00227	1.4599	1.5276	2.6254	-.03075	.03194	.19047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68955	.65060	.22275	.25030	-.01375	-.00175

SDev	.00014	.00087	.00267	.00021	.00175	.00068
%RSD	.02075	.13404	1.2004	.08354	12.754	38.938
#1	.68965	.64998	.22086	.25015	-.01499	-.00224
#2	.68944	.65121	.22464	.25045	-.01251	-.00127

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46918	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.1582484	--	--	--	--	--	--
#1	46970	--	--	--	--	--	--
#2	46865	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-2-b Operator: DCL
Run Time: 04/24/12 10:10:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	308.00	.00619	.11474	3.5422	.01724	.03809	-.00161
SDev	.58	.00187	.00196	.0070	.00005	.00024	.00009
%RSD	.18744	30.312	1.7104	.19874	.25902	.62372	5.8807
#1	308.41	.00486	.11613	3.5472	.01727	.03826	-.00154
#2	307.59	.00751	.11336	3.5373	.01720	.03792	-.00168

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	642.32	.25994	.16545	.19128	238.80	.14992	.25385
SDev	1.76	.00058	.00066	.00031	.59	.00014	.00051
%RSD	.27341	.22148	.39992	.16158	.24771	.09395	.19901
#1	643.56	.26035	.16591	.19150	239.22	.15002	.25350
#2	641.08	.25954	.16498	.19106	238.38	.14982	.25421

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00495	42.127	16.165	-.00024	.29350	26.062	9.9536
SDev	.00312	.109	.043	.00076	.00143	.029	.0173
%RSD	62.932	.25974	.26618	320.98	.48537	.11053	.17350
#1	-.00716	42.205	16.196	-.00077	.29451	26.082	9.9658
#2	-.00275	42.050	16.135	.00030	.29249	26.041	9.9413

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00267	1.2600	1.5447	2.0240	-.02840	.03501	.17272
SDev	.00013	.0405	.0023	.0035	.00370	.00071	.00058
%RSD	5.0280	3.2166	.14592	.17052	13.020	2.0409	.33320
#1	-.00258	1.2886	1.5463	2.0264	-.03101	.03551	.17313
#2	-.00277	1.2313	1.5431	2.0215	-.02578	.03450	.17232

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66329	.63916	.23365	.26395	-.01602	.00058
SDev	.00189	.00047	.00082	.00035	.00557	.00189
%RSD	.28485	.07403	.35283	.13093	34.790	325.94
#1	.66463	.63949	.23307	.26371	-.01996	-.00076
#2	.66196	.63882	.23424	.26420	-.01208	.00192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	48586	--	--	--	--	--	--
SDev	115.2584	--	--	--	--	--	--
%RSD	.2372280	--	--	--	--	--	--
#1	48504	--	--	--	--	--	--
#2	48667	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-3-b Operator: DCL
Run Time: 04/24/12 10:13:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	293.70	.00630	.10673	3.2405	.01724	.03796	-.00132
SDev	1.42	.00119	.00132	.0139	.00012	.00044	.00008
%RSD	.48398	18.943	1.2367	.42790	.67438	1.1567	5.9568
#1	294.70	.00714	.10767	3.2503	.01732	.03827	-.00127
#2	292.69	.00546	.10580	3.2307	.01715	.03764	-.00138

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	463.11	.25492	.15831	.21796	228.87	.13868	.24165
SDev	2.48	.00158	.00139	.00103	1.30	.00037	.00262
%RSD	.53528	.62023	.87910	.47181	.56684	.26652	1.0855
#1	464.86	.25603	.15929	.21869	229.79	.13894	.24351
#2	461.35	.25380	.15732	.21723	227.95	.13841	.23980

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00613	45.007	15.988	.00070	.29562	28.077	6.6249
SDev	.00061	.256	.103	.00009	.00259	.104	.0319
%RSD	9.9067	.56986	.64243	12.391	.87644	.37148	.48221
#1	-.00570	45.188	16.061	.00064	.29745	28.150	6.6475
#2	-.00656	44.825	15.916	.00076	.29379	28.003	6.6023

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	1.0623	1.0890	1.5258	-.02562	.03127	.18650
SDev	.00064	.1676	.0056	.0071	.00069	.00073	.00128

%RSD	33.662	15.776	.51472	.46515	2.6846	2.3240	.68898
#1	-.00145	1.1808	1.0930	1.5308	-.02610	.03075	.18741
#2	-.00235	.94382	1.0851	1.5208	-.02513	.03178	.18559

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60685	.64187	.22608	.24944	-.02033	.00096
SDev	.00344	.00298	.00379	.00204	.00121	.00152
%RSD	.56639	.46419	1.6758	.81804	5.9432	157.26
#1	.60928	.64397	.22876	.25088	-.02118	.00204
#2	.60442	.63976	.22341	.24799	-.01947	-.00011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	50358	--	--	--	--	--	--
SDev	557.2001	--	--	--	--	--	--
%RSD	1.106478	--	--	--	--	--	--
#1	49964	--	--	--	--	--	--
#2	50752	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-4-b Operator: DCL
Run Time: 04/24/12 10:17:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	318.26	.00669	.15823	3.5978	.01724	.03922	-.00098
SDev	.99	.00246	.00201	.0132	.00004	.00051	.00007
%RSD	.31173	36.810	1.2728	.36728	.22473	1.2924	7.2096
#1	318.96	.00843	.15966	3.6071	.01727	.03958	-.00093
#2	317.56	.00495	.15681	3.5884	.01721	.03886	-.00103

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	749.97	.27096	.16796	.20006	241.63	.16554	.26091
SDev	.92	.00056	.00069	.00098	.62	.00055	.00036
%RSD	.12315	.20682	.41132	.49157	.25502	.33462	.13883
#1	750.62	.27136	.16845	.20076	242.06	.16593	.26116
#2	749.32	.27056	.16747	.19936	241.19	.16515	.26065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00729	47.009	17.129	-.00141	.32863	28.997	9.9174
SDev	.00242	.122	.041	.00079	.00025	.064	.0355
%RSD	33.200	.25901	.23776	55.808	.07619	.22159	.35793
#1	-.00558	47.095	17.158	-.00197	.32880	29.043	9.9425
#2	-.00900	46.923	17.100	-.00085	.32845	28.952	9.8923

Analysis Report 04/24/12 10:21:31 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.89333	1.0714	1.6081	-.02935	.03212	.18792
SDev	.00003	.02378	.0031	.0060	.00012	.00030	.00080
%RSD	1.3443	2.6617	.28795	.37232	.39266	.93861	.42509
#1	-.00239	.91015	1.0736	1.6123	-.02943	.03233	.18849
#2	-.00244	.87652	1.0692	1.6038	-.02927	.03191	.18736

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67283	.66003	.24196	.27038	-.01855	-.00167
SDev	.00198	.00198	.00009	.00050	.00858	.00066
%RSD	.29350	.30065	.03493	.18532	46.264	39.564
#1	.67422	.66143	.24202	.27074	-.01248	-.00213
#2	.67143	.65863	.24190	.27003	-.02462	-.00120

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	48562	--	--	--	--	--	--
SDev	207.1823	--	--	--	--	--	--
%RSD	.4266390	--	--	--	--	--	--
#1	48708	--	--	--	--	--	--
#2	48415	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-d Operator: DCL
Run Time: 04/24/12 10:21:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.77	.00485	.06510	.80853	.00463	.05580	.00326
SDev	.14	.00158	.00213	.00087	.00000	.00005	.00003
%RSD	.12236	32.540	3.2667	.10732	.09301	.08673	.84384
#1	114.87	.00597	.06360	.80914	.00463	.05576	.00328
#2	114.67	.00374	.06660	.80791	.00462	.05583	.00324

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2182.9	.09117	.04661	.05678	97.667	.11157	.08561
SDev	2.9	.00014	.00018	.00016	.021	.00011	.00049
%RSD	.13466	.15654	.38493	.28806	.02185	.09804	.57452
#1	2185.0	.09127	.04673	.05666	97.682	.11165	.08596
#2	2180.8	.09107	.04648	.05689	97.652	.11149	.08527

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00558	28.168	6.7985	.00096	.15173	14.718	16.978
SDev	.00088	.017	.0050	.00003	.00072	.022	.005
%RSD	15.702	.06204	.07332	2.6621	.47258	.14933	.03011

Analysis Report 04/24/12 10:25:22 AM page 9

#1	-.00496	28.181	6.8021	.00098	.15224	14.733	16.981

#2	-.00620	28.156	6.7950	.00094	.15122	14.702	16.974

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	4.1396	4.4831	9.9110	-.00834	.03825	.21145
SDev	.00043	.0914	.0084	.0114	.00134	.00051	.00009
%RSD	42.154	2.2070	.18785	.11465	16.112	1.3228	.04227
#1	-.00072	4.2042	4.4891	9.9191	-.00930	.03861	.21139
#2	-.00132	4.0750	4.4772	9.9030	-.00739	.03789	.21152

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30723	.33728	.07085	.09300	-.00619	-.00527
SDev	.00005	.00019	.00051	.00048	.00175	.00044
%RSD	.01770	.05611	.71956	.51927	28.305	8.3001
#1	.30719	.33715	.07121	.09334	-.00495	-.00496
#2	.30727	.33741	.07049	.09266	-.00743	-.00558

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38694	--	--	--	--	--	--
SDev	103.9447	--	--	--	--	--	--
%RSD	.2686291	--	--	--	--	--	--
#1	38621	--	--	--	--	--	--
#2	38768	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-e du Operator: DCL
Run Time: 04/24/12 10:25:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.69	.00290	.06380	.80201	.00497	.04937	.00262
SDev	.22	.00188	.00114	.00138	.00001	.00001	.00000
%RSD	.18319	64.611	1.7868	.17239	.19468	.01758	.01035
#1	120.84	.00423	.06300	.80298	.00498	.04936	.00262
#2	120.53	.00158	.06461	.80103	.00497	.04938	.00262

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2112.6	.09248	.04064	.06316	101.39	.10519	.08825
SDev	8.3	.00035	.00018	.00041	.16	.00015	.00159
%RSD	.39403	.37456	.45491	.65574	.15472	.13991	1.7990
#1	2118.5	.09272	.04077	.06287	101.50	.10530	.08937
#2	2106.7	.09223	.04051	.06345	101.28	.10509	.08713

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00513	26.796	5.3944	.00092	.13389	14.300	14.461
SDev	.00055	.063	.0086	.00040	.00018	.043	.020
%RSD	10.690	.23365	.16002	43.074	.13837	.29863	.13584

#1	-.00474	26.840	5.4005	.00064	.13376	14.330	14.475
#2	-.00552	26.752	5.3883	.00120	.13402	14.270	14.447

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	3.6169	4.0604	8.7090	-.00978	.03782	.17539
SDev	.00001	.0053	.0061	.0125	.00216	.00208	.00038
%RSD	.60664	.14684	.14983	.14305	22.147	5.4874	.21891

#1	-.00189	3.6131	4.0647	8.7179	-.00824	.03929	.17567
#2	-.00187	3.6207	4.0561	8.7002	-.01131	.03636	.17512

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32318	.32549	.07545	.09465	-.00542	-.00498
SDev	.00063	.00072	.00001	.00239	.00132	.00016
%RSD	.19568	.22272	.01104	2.5205	24.257	3.3044

#1	.32363	.32601	.07544	.09633	-.00449	-.00487
#2	.32274	.32498	.07545	.09296	-.00635	-.00510

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39145	--	--	--	--	--	--
SDev	182.4335	--	--	--	--	--	--
%RSD	.4660456	--	--	--	--	--	--

#1	39016	--	--	--	--	--	--
#2	39274	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-f ms Operator: DCL
Run Time: 04/24/12 10:29:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	159.74	.24658	.98706	4.2075	.41466	.72867	.38368
SDev	.53	.00157	.00831	.0103	.00100	.00144	.00101
%RSD	.33471	.63771	.84196	.24547	.24139	.19732	.26232

#1	160.12	.24547	.99294	4.2148	.41537	.72969	.38440
#2	159.37	.24770	.98119	4.2002	.41395	.72765	.38297

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2115.0	.91572	.96338	.99592	132.12	.67762	.93167
SDev	3.0	.00223	.00348	.00354	.28	.00253	.00063
%RSD	.14338	.24338	.36158	.35507	.20918	.37383	.06758

#1	2117.2	.91730	.96584	.99842	132.31	.67941	.93123
#2	2112.9	.91414	.96092	.99342	131.92	.67583	.93212

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.83447	41.086	27.607	.78882	1.0699	32.164	16.870
SDev	.00433	.121	.069	.00247	.0020	.134	.048
%RSD	.51916	.29403	.25066	.31355	.18346	.41605	.28486
#1	.83140	41.171	27.656	.79057	1.0685	32.258	16.904
#2	.83753	41.000	27.558	.78707	1.0713	32.069	16.836

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49566	15.424	17.099	10.121	.82226	.76434	.47960
SDev	.00143	.174	.066	.024	.00896	.00517	.00057
%RSD	.28810	1.1305	.38657	.23646	1.0896	.67657	.11818
#1	.49667	15.547	17.146	10.138	.81592	.76800	.48000
#2	.49465	15.301	17.052	10.105	.82859	.76068	.47920

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3269	1.2269	.91006	.94248	.80616	.84862
SDev	.0036	.0031	.00272	.00230	.00455	.00877
%RSD	.26787	.25304	.29840	.24428	.56477	1.0340
#1	1.3294	1.2291	.91198	.94085	.80938	.84242
#2	1.3244	1.2247	.90814	.94411	.80294	.85483

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39474	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1218100	--	--	--	--	--	--
#1	39440	--	--	--	--	--	--
#2	39508	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 10:33:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5548	.51499	.51106	.51215	.51032	.51384	.51642
SDev	.0127	.00397	.00062	.00249	.00148	.00278	.00097
%RSD	.49588	.77063	.12154	.48644	.28982	.54133	.18813
#1	2.5637	.51780	.51150	.51391	.51136	.51581	.51710
#2	2.5458	.51219	.51062	.51039	.50927	.51187	.51573

Analysis Report 04/24/12 10:36:56 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.899	.50427	.50617	.51464	2.6297	.47562	.50619
SDev	.044	.00189	.00181	.00314	.0234	.00286	.00329
%RSD	.33915	.37486	.35683	.60911	.88980	.60089	.65079
#1	12.930	.50561	.50744	.51685	2.6131	.47764	.50852
#2	12.868	.50293	.50489	.51242	2.6462	.47360	.50386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51389	5.0526	.49759	.51878	.50440	12.539	1.0034
SDev	.00069	.0069	.00122	.00062	.00178	.073	.0098
%RSD	.13474	.13619	.24474	.11913	.35204	.58082	.98035
#1	.51438	5.0575	.49845	.51921	.50315	12.591	1.0103
#2	.51340	5.0478	.49673	.51834	.50566	12.488	.99643

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25434	13.088	12.529	.25317	.52818	.51301	.51692
SDev	.00022	.103	.127	.00068	.00645	.00067	.00168
%RSD	.08505	.78438	1.0102	.26986	1.2207	.13137	.32558
#1	.25449	13.015	12.619	.25366	.53274	.51253	.51811
#2	.25419	13.160	12.440	.25269	.52362	.51348	.51573

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51136	.52225	.49716	.51071	.49566	.52307
SDev	.00159	.00255	.00196	.00396	.00523	.00365
%RSD	.31180	.48867	.39393	.77581	1.0548	.69836
#1	.51249	.52405	.49855	.51351	.49196	.52565
#2	.51023	.52044	.49578	.50791	.49935	.52048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40604	--	--	--	--	--	--
SDev	89.80256	--	--	--	--	--	--
%RSD	.2211641	--	--	--	--	--	--
#1	40668	--	--	--	--	--	--
#2	40541	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 10:36:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02523	.00337	.00133	.00015	-.00008	.00175	.00004
SDev	.00247	.00088	.00056	.00001	.00000	.00044	.00021

%RSD	9.7999	26.035	41.946	6.7447	4.0962	24.937	594.49
#1	.02698	.00399	.00173	.00015	-.00008	.00206	.00019
#2	.02348	.00275	.00094	.00014	-.00008	.00144	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02740	.00051	.00017	-.00108	.00144	-.00013	.00004
SDev	.01395	.00008	.00065	.00002	.03759	.00014	.00022
%RSD	50.911	16.363	387.25	1.6787	2607.7	110.19	632.12

#1	.03727	.00056	.00062	-.00109	.02802	-.00003	.00019
#2	.01754	.00045	-.00029	-.00107	-.02514	-.00023	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.01389	.00028	.00206	-.00002	-.07547	.00439
SDev	.00280	.01250	.00010	.00234	.00068	.05767	.00209
%RSD	169.65	90.032	35.836	113.90	3862.3	76.422	47.558

#1	-.00033	-.00505	.00035	.00372	.00046	-.03469	.00586
#2	.00363	-.02273	.00021	.00040	-.00050	-.11625	.00291

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	-.20816	-.00535	.00004	.00197	-.00005	.00022
SDev	.00119	.34410	.00452	.00005	.00394	.00003	.00009
%RSD	200.05	165.31	84.326	139.85	199.95	51.488	41.973

#1	.00025	.03516	-.00216	.00007	.00476	-.00003	.00028
#2	-.00143	-.45147	-.00855	.00000	-.00082	-.00007	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00039	-.00076	.00043	.00078	.00209
SDev	.00022	.00018	.00020	.00044	.00474	.00183
%RSD	63.735	45.808	26.166	100.45	608.73	87.711

#1	.00050	.00026	-.00090	.00074	-.00258	.00079
#2	.00019	.00051	-.00062	.00013	.00413	.00338

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40514	--	--	--	--	--	--
SDev	224.1529	--	--	--	--	--	--
%RSD	.5532794	--	--	--	--	--	--

#1	40355	--	--	--	--	--	--
#2	40672	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-g msd Operator: DCL
Run Time: 04/24/12 10:40:49
Comment: TRACE 61E

Analysis Report 04/24/12 10:44:37 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	175.25	.25909	1.0136	1.7519	.43480	.72693	.40507
SDev	.71	.00064	.0095	.0074	.00225	.00365	.00223
%RSD	.40364	.24515	.93790	.42333	.51781	.50175	.55019

#1	175.75	.25954	1.0203	1.7571	.43639	.72951	.40664
#2	174.75	.25864	1.0068	1.7466	.43321	.72435	.40349

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2191.9	.95899	.89562	1.0255	120.84	.69965	.96459
SDev	14.1	.00458	.00438	.0035	.64	.00226	.00196
%RSD	.64116	.47733	.48892	.34348	.52598	.32241	.20326
#1	2201.9	.96222	.89871	1.0280	121.29	.70125	.96598
#2	2182.0	.95575	.89252	1.0230	120.39	.69806	.96321

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86790	44.634	6.7173	.82099	.96113	34.877	14.543
SDev	.00223	.225	.0342	.00130	.00961	.148	.061
%RSD	.25729	.50301	.50915	.15785	1.0002	.42451	.41930
#1	.86948	44.793	6.7415	.82190	.96792	34.982	14.586
#2	.86632	44.475	6.6932	.82007	.95433	34.772	14.500

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51102	16.323	18.181	9.6663	.87868	.79985	.40785
SDev	.00152	.006	.044	.0347	.00005	.00649	.00177
%RSD	.29701	.03567	.24113	.35932	.00537	.81106	.43437
#1	.51209	16.327	18.212	9.6908	.87871	.80444	.40910
#2	.50994	16.319	18.150	9.6417	.87864	.79526	.40660

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2240	1.3033	.94091	.97644	.84290	.88040
SDev	.0054	.0057	.01032	.00222	.01295	.00313
%RSD	.44227	.43797	1.0972	.22746	1.5366	.35514
#1	1.2278	1.3074	.94821	.97486	.85206	.87819
#2	1.2202	1.2993	.93361	.97801	.83374	.88261

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38316	--	--	--	--	--	--
SDev	282.1356	--	--	--	--	--	--
%RSD	.7363485	--	--	--	--	--	--
#1	38116	--	--	--	--	--	--
#2	38515	--	--	--	--	--	--

Analysis Report 04/24/12 10:44:37 AM page 15

Method: 20076010 Sample Name: 600-53841-c-6-b Operator: DCL
Run Time: 04/24/12 10:44:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.182	.00448	.05976	.68750	.00377	.04728	.00365
SDev	.239	.00254	.00204	.00065	.00001	.00003	.00007
%RSD	.25937	56.721	3.4143	.09410	.35966	.06497	1.8157
#1	92.351	.00268	.06121	.68796	.00378	.04726	.00361
#2	92.013	.00628	.05832	.68704	.00376	.04730	.00370

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2289.1	.07423	.03639	.05647	83.248	.11958	.07494
SDev	5.1	.00011	.00032	.00025	.095	.00027	.00074
%RSD	.22335	.14815	.88861	.44614	.11355	.22292	.98529
#1	2292.7	.07431	.03662	.05664	83.315	.11976	.07546
#2	2285.5	.07415	.03616	.05629	83.181	.11939	.07442

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00876	26.836	7.9698	.00306	.20029	12.789	13.067
SDev	.00322	.055	.0105	.00082	.00077	.058	.024
%RSD	36.711	.20460	.13187	26.932	.38406	.45055	.18263
#1	-.00649	26.875	7.9772	.00364	.20083	12.829	13.084
#2	-.01103	26.798	7.9623	.00248	.19974	12.748	13.050

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	4.5495	4.9455	11.141	-.00528	.03062	.14577
SDev	.00029	.0616	.0220	.011	.00021	.00113	.00047
%RSD	14.443	1.3545	.44518	.10112	4.0182	3.6806	.32298
#1	-.00222	4.5059	4.9611	11.149	-.00513	.03142	.14610
#2	-.00181	4.5930	4.9299	11.133	-.00543	.02983	.14543

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23367	.33938	.06296	.08093	-.01212	-.00708
SDev	.00056	.00055	.00105	.00163	.00150	.00407
%RSD	.23820	.16314	1.6646	2.0161	12.395	57.531
#1	.23406	.33977	.06222	.08208	-.01106	-.00420
#2	.23327	.33899	.06370	.07977	-.01319	-.00996

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38266	--	--	--	--	--	--

Analysis Report 04/24/12 10:48:28 AM page 16

SDev	101.1163	--	--	--	--	--	--
%RSD	.2642492	--	--	--	--	--	--
#1	38194	--	--	--	--	--	--
#2	38337	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53894-a-1-c Operator: DCL
Run Time: 04/24/12 10:48:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6538	k.17768	.23057	1.1579	-.00055	.00219	k.27445
SDev	.0323	.00336	.00276	.0053	.00000	.00019	.00228
%RSD	.48494	1.8897	1.1979	.45967	.88118	8.7209	.83095

#1	6.6766	k.18005	.23253	1.1617	-.00054	.00233	k.27606
#2	6.6310	k.17530	.22862	1.1542	-.00055	.00206	k.27284

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.159	1.6034	.47234	k1.7007	S780.99	.03215	k.25720
SDev	.234	.0086	.00316	.0087	4.50	.00016	.00091
%RSD	.66646	.53741	.66874	.51265	.57626	.48995	.35501
#1	35.324	1.6095	.47457	k1.7068	S784.18	.03226	k.25784
#2	34.993	1.5973	.47010	k1.6945	S777.81	.03204	k.25655

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-.72042	24.155	26.055	.20135	1.0952	1.1006	11.518
SDev	.01058	.134	.144	.00178	.0107	.0293	.007
%RSD	1.4679	.55573	.55357	.88472	.97811	2.6603	.05725
#1	k-.72790	24.250	26.157	.20261	1.1028	1.1213	11.513
#2	k-.71294	24.061	25.953	.20009	1.0876	1.0799	11.522

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01120	17.559	16.654	.63313	k-.18481	.21362	.52274
SDev	.00045	.091	.048	.00212	.00762	.00267	.00285
%RSD	4.0493	.51813	.28978	.33489	4.1237	1.2490	.54438
#1	-.01152	17.494	16.688	.63463	k-.19019	.21551	.52475
#2	-.01088	17.623	16.620	.63163	k-.17942	.21174	.52073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30704	k2.2812	k.34782	k.21188	k-.18512	k-.98807
SDev	.00188	.0135	.00148	.00211	.00705	.01234
%RSD	.61199	.59042	.42453	.99486	3.8096	1.2486
#1	.30836	k2.2907	k.34678	k.21337	k-.19010	k-.99680
#2	.30571	k2.2716	k.34887	k.21039	k-.18013	k-.97935

Analysis Report 04/24/12 10:52:19 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37494	--	--	--	--	--	--
SDev	185.9691	--	--	--	--	--	--
%RSD	.4959903	--	--	--	--	--	--
#1	37363	--	--	--	--	--	--
#2	37626	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53841-c-5-d Operator: DCL
Run Time: 04/24/12 10:52:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	119.52	.90957	.98384	1.6828	.40734	.98197	.39077
SDev	1.09	.00286	.00705	.0149	.00250	.00724	.00248
%RSD	.91607	.31424	.71702	.88744	.61476	.73737	.63493
#1	120.29	.91159	.98883	1.6933	.40911	.98709	.39252
#2	118.74	.90755	.97885	1.6722	.40557	.97685	.38901

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2117.2	.89829	.84456	.98015	102.53	1.1520	.91153
SDev	8.0	.00541	.00596	.00905	.53	.0121	.00538
%RSD	.37932	.60255	.70592	.92328	.52169	1.0464	.59045
#1	2122.9	.90212	.84878	.98654	102.91	1.1605	.91533
#2	2111.5	.89446	.84034	.97375	102.15	1.1435	.90772

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86103	34.971	7.3180	.87277	.89303	28.915	17.342
SDev	.00720	.203	.0463	.00380	.00515	.289	.145
%RSD	.83590	.57968	.63215	.43528	.57618	1.0011	.83610
#1	.86612	35.114	7.3507	.87546	.89667	29.120	17.444
#2	.85594	34.828	7.2853	.87009	.88939	28.710	17.239

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49209	15.063	17.278	10.178	.86396	.88605	1.0751
SDev	.00285	.056	.173	.080	.00609	.00509	.0083
%RSD	.57946	.37355	.99888	.78705	.70465	.57410	.77242
#1	.49411	15.103	17.400	10.235	.86826	.88965	1.0809
#2	.49008	15.023	17.156	10.122	.85965	.88245	1.0692

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1438	1.2563	.88315	.92572	.83064	.87622
SDev	.0070	.0077	.00750	.00432	.01187	.00486
%RSD	.61332	.61491	.84906	.46710	1.4289	.55483

#1	1.1488	1.2617	.88846	.92877	.83904	.87966
#2	1.1389	1.2508	.87785	.92266	.82225	.87278

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39556	--	--	--	--	--	--
SDev	323.8549	--	--	--	--	--	--
%RSD	.8187251	--	--	--	--	--	--
#1	39327	--	--	--	--	--	--
#2	39785	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53841-c-5-d@5 Operator: DCL
Run Time: 04/24/12 10:56:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.012	.00732	.01779	.18421	.00088	.01557	.00063
SDev	.077	.00150	.00048	.00044	.00003	.00112	.00007
%RSD	.30685	20.433	2.7062	.24134	2.8966	7.1917	10.714
#1	25.067	.00838	.01813	.18452	.00090	.01636	.00058
#2	24.958	.00627	.01745	.18389	.00086	.01478	.00068

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	873.43	.02137	.01071	.01039	23.133	.02475	.01945
SDev	1.97	.00008	.00033	.00011	.029	.00008	.00182
%RSD	.22529	.36168	3.0897	1.0682	.12746	.30595	9.3410
#1	874.83	.02142	.01048	.01047	23.153	.02480	.02074
#2	872.04	.02131	.01094	.01032	23.112	.02469	.01817

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	6.6823	1.6011	.00218	.03572	2.4972	3.7535
SDev	.00149	.0135	.0044	.00060	.00033	.0023	.0142
%RSD	316.49	.20136	.27218	27.476	.91875	.09331	.37882
#1	-.00152	6.6918	1.6042	.00261	.03595	2.4989	3.7635
#2	.00058	6.6728	1.5980	.00176	.03549	2.4956	3.7434

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00087	.63707	.87198	2.0084	-.00287	.01041	.04749
SDev	.00041	.10226	.00169	.0034	.00301	.00162	.00003
%RSD	47.429	16.052	.19318	.16707	104.77	15.577	.06726
#1	-.00116	.56476	.87317	2.0107	-.00500	.00927	.04747
#2	-.00058	.70938	.87079	2.0060	-.00074	.01156	.04751

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/24/12 11:00:11 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07039	.08015	.01807	.02015	-.00247	.00053
SDev	.00036	.00031	.00069	.00238	.00083	.00265
%RSD	.51797	.39025	3.8120	11.820	33.609	501.71
#1	.07065	.08037	.01856	.02183	-.00188	-.00135
#2	.07014	.07993	.01758	.01846	-.00306	.00240

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38462	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1231781	--	--	--	--	--	--
#1	38428	--	--	--	--	--	--
#2	38495	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 11:00:14
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5292	.51056	.51061	.51349	.50264	.51283	.51667
SDev	.0098	.00173	.00092	.00132	.00002	.00063	.00034
%RSD	.38780	.33906	.18016	.25762	.00402	.12215	.06592
#1	2.5361	.51178	.51126	.51442	.50266	.51328	.51643
#2	2.5223	.50933	.50996	.51255	.50263	.51239	.51691

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.820	.49874	.49977	.50827	2.6313	.47644	.50192
SDev	.037	.00029	.00015	.00284	.0221	.00277	.00190
%RSD	.28517	.05750	.02923	.55923	.84140	.58160	.37776
#1	12.846	.49853	.49987	.51028	2.6156	.47840	.50058
#2	12.794	.49894	.49966	.50626	2.6469	.47448	.50326

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50119	4.9996	.49322	.51483	.49634	12.565	.99331
SDev	.00300	.0104	.00007	.00159	.00044	.053	.00565
%RSD	.59908	.20734	.01522	.30778	.08894	.42521	.56919
#1	.49907	4.9923	.49328	.51371	.49603	12.603	.99731
#2	.50331	5.0069	.49317	.51595	.49665	12.528	.98931

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25409	12.976	12.411	.25465	.52780	.50645	.51445
SDev	.00100	.036	.177	.00046	.00476	.00095	.00059
%RSD	.39463	.27948	1.4247	.18226	.90119	.18684	.11418

#1	.25480	12.951	12.536	.25498	.52444	.50579	.51486
#2	.25339	13.002	12.286	.25433	.53117	.50712	.51403

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50670	.52111	.48696	.50940	.47864	.51252
SDev	.00020	.00104	.00117	.00226	.00489	.00206
%RSD	.03983	.19999	.23985	.44368	1.0216	.40173
#1	.50656	.52184	.48613	.50781	.47518	.51107
#2	.50685	.52037	.48778	.51100	.48210	.51398

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39930	--	--	--	--	--	--
SDev	453.2554	--	--	--	--	--	--
%RSD	1.135111	--	--	--	--	--	--
#1	40251	--	--	--	--	--	--
#2	39610	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL

Run Time: 04/24/12 11:04:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02984	.00440	.00217	.00006	-.00023	.00133	-.00012
SDev	.00161	.00114	.00006	.00003	.00003	.00026	.00013
%RSD	5.3773	25.909	2.9455	50.891	11.820	19.392	112.66
#1	.02871	.00359	.00212	.00004	-.00021	.00151	-.00021
#2	.03098	.00520	.00221	.00008	-.00025	.00115	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01203	-.00005	-.00019	-.00194	.00179	-.00009	.00050
SDev	.00851	.00018	.00033	.00010	.04249	.00003	.00105
%RSD	70.773	393.08	171.17	5.0500	2371.1	30.740	210.83
#1	.00601	-.00017	-.00042	-.00187	-.02825	-.00011	.00124
#2	.01805	.00008	.00004	-.00201	.03184	-.00007	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.01632	.00011	.00204	.00002	-.08831	.00502
SDev	.00517	.00374	.00006	.00103	.00068	.01881	.00161
%RSD	894.08	22.889	53.187	50.390	3162.0	21.299	32.025
#1	.00423	-.01896	.00007	.00276	-.00046	-.10161	.00388
#2	-.00308	-.01368	.00015	.00131	.00051	-.07501	.00616

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00022	-.16857	-.00573	-.00001	-.00013	.00092	.00003
SDev	.00106	.21015	.00165	.00004	.00025	.00189	.00005
%RSD	471.24	124.67	28.814	261.67	193.52	205.13	202.68
#1	-.00097	-.31717	-.00689	-.00004	.00005	-.00042	-.00001
#2	.00052	-.01997	-.00456	.00001	-.00031	.00226	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00047	.00039	.00055	-.00220	.00197
SDev	.00045	.00004	.00055	.00130	.00373	.00589
%RSD	1740.9	7.8428	138.70	236.78	169.38	299.07
#1	-.00034	.00044	.00078	.00147	.00044	.00613
#2	.00029	.00049	.00001	-.00037	-.00484	-.00219

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40142	--	--	--	--	--	--
SDev	92.63099	--	--	--	--	--	--
%RSD	.2307612	--	--	--	--	--	--
#1	40207	--	--	--	--	--	--
#2	40076	--	--	--	--	--	--

Analysis Report 04/24/12 11:15:31 AM page 1

Method: 20076010 Sample Name: mb 600-77655/1-a Operator: DCL
Run Time: 04/24/12 11:11:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04181	.00429	.00132	.00285	-.00023	.00086	-.00005
SDev	.00035	.00156	.00056	.00001	.00002	.00042	.00003
%RSD	.83819	36.456	41.985	.50141	8.6967	48.138	65.610
#1	.04206	.00539	.00093	.00284	-.00024	.00057	-.00007
#2	.04156	.00318	.00172	.00286	-.00021	.00115	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38820	.00081	.00028	-.00083	.02734	.00019	.00110
SDev	.00241	.00013	.00019	.00032	.02281	.00005	.00014
%RSD	.62103	16.103	69.325	39.153	83.433	24.185	12.497
#1	.38990	.00072	.00041	-.00060	.04348	.00022	.00120
#2	.38649	.00090	.00014	-.00106	.01121	.00015	.00100

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.01865	.00083	.00105	.00089	.10712	.01185
SDev	.00175	.00292	.00002	.00053	.00085	.02216	.00116
%RSD	73.651	15.644	2.9147	50.945	94.552	20.684	9.7903
#1	.00360	.02072	.00085	.00067	.00149	.12279	.01267
#2	.00114	.01659	.00082	.00143	.00030	.09145	.01103

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.06334	.03868	.00029	-.00291	.03115	.00032
SDev	.00028	.05512	.00150	.00003	.00006	.00121	.00014
%RSD	63.792	87.035	3.8872	8.9066	2.1267	3.8778	43.199
#1	.00063	.10231	.03975	.00027	-.00286	.03200	.00042
#2	.00024	.02436	.03762	.00030	-.00295	.03029	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00663	.00133	.00099	-.00207	.00459
SDev	.00020	.00002	.00114	.00077	.00529	.00003
%RSD	79.965	.28886	85.452	78.351	254.97	.56329
#1	.00038	.00665	.00053	.00154	.00167	.00457
#2	.00011	.00662	.00213	.00044	-.00581	.00461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39238	--	--	--	--	--	--
SDev	185.9691	--	--	--	--	--	--
%RSD	.4739575	--	--	--	--	--	--

#1	39106	--	--	--	--	--	--
#2	39369	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77655/2-a Operator: DCL
Run Time: 04/24/12 11:15:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.029	.76092	1.3749	2.8246	1.4683	.83742	.63641
SDev	.230	.00331	.0049	.0050	.0027	.00189	.00171
%RSD	.26371	.43476	.35896	.17613	.18702	.22563	.26845
#1	87.191	.76326	1.3783	2.8281	1.4702	.83875	.63762
#2	86.867	.75858	1.3714	2.8211	1.4663	.83608	.63520

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.426	.97240	1.3183	1.0283	186.35	.08700	1.3990
SDev	.248	.00269	.0040	.0025	.53	.00022	.0018
%RSD	.27773	.27645	.30137	.24106	.28206	.25456	.12945
#1	89.602	.97430	1.3211	1.0300	186.72	.08715	1.4003
#2	89.251	.97050	1.3155	1.0265	185.98	.08684	1.3977

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8202	40.335	4.9017	.83952	1.1645	48.751	11.566
SDev	.0039	.106	.0129	.00002	.0056	.121	.024
%RSD	.21325	.26195	.26236	.00275	.48200	.24824	.21090
#1	1.8175	40.410	4.9108	.83953	1.1685	48.837	11.583
#2	1.8230	40.260	4.8926	.83950	1.1605	48.665	11.548

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44479	2.8341	6.4662	2.3999	1.6504	1.5841	4.3179
SDev	.00120	.1668	.0093	.0046	.0095	.0028	.0089
%RSD	.27051	5.8840	.14424	.19190	.57694	.17451	.20664
#1	.44564	2.9520	6.4728	2.4032	1.6436	1.5860	4.3243
#2	.44394	2.7162	6.4596	2.3966	1.6571	1.5821	4.3116

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64621	2.1605	1.3509	1.4230	1.7355	1.8626
SDev	.00171	.0053	.0011	.0022	.0034	.0041
%RSD	.26464	.24459	.08085	.15251	.19776	.22047
#1	.64742	2.1642	1.3517	1.4246	1.7331	1.8597
#2	.64500	2.1567	1.3501	1.4215	1.7380	1.8655

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41582	--	--	--	--	--	--
SDev	123.7437	--	--	--	--	--	--
%RSD	.2975860	--	--	--	--	--	--
#1	41495	--	--	--	--	--	--
#2	41670	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-1-c Operator: DCL
Run Time: 04/24/12 11:19:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.36	.00495	.07505	2.2694	.01822	.08371	-.00668
SDev	.37	.00126	.00022	.0054	.00006	.00041	.00010
%RSD	.13838	25.394	.28966	.23947	.34772	.49365	1.5044
#1	266.62	.00406	.07521	2.2732	.01827	.08400	-.00661
#2	266.10	.00583	.07490	2.2655	.01818	.08342	-.00675

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	411.94	.24592	.18079	.21512	278.96	.30577	.15260
SDev	1.12	.00073	.00036	.00003	.90	.00022	.00002
%RSD	.27091	.29785	.19808	.01355	.32129	.07318	.01391
#1	412.73	.24644	.18105	.21514	279.60	.30593	.15258
#2	411.15	.24540	.18054	.21510	278.33	.30561	.15261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00735	109.14	7.4733	.00664	.27721	36.066	13.147
SDev	.00110	.29	.0249	.00082	.00096	.047	.024
%RSD	14.907	.26307	.33317	12.362	.34756	.13062	.18123
#1	-.00658	109.34	7.4909	.00722	.27653	36.099	13.163
#2	-.00813	108.93	7.4557	.00606	.27789	36.032	13.130

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00401	15.055	15.621	.81804	-.00898	.02872	.43867
SDev	.00014	.014	.009	.00183	.00384	.00127	.00092
%RSD	3.3849	.08992	.05573	.22384	42.733	4.4072	.20927
#1	-.00410	15.045	15.615	.81934	-.00627	.02961	.43932
#2	-.00391	15.064	15.627	.81675	-.01170	.02782	.43802

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54155	.52738	.13375	.16202	-.02089	-.00059
SDev	.00138	.00057	.00068	.00037	.00211	.00270
%RSD	.25520	.10727	.51030	.23028	10.100	458.39
#1	.54253	.52778	.13423	.16176	-.02238	.00132

#2	.54057	.52698	.13327	.16228	-.01939	-.00250

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45818	--	--	--	--	--	--
SDev	280.7214	--	--	--	--	--	--
%RSD	.6126947	--	--	--	--	--	--
#1	45619	--	--	--	--	--	--
#2	46016	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-2-c Operator: DCL
Run Time: 04/24/12 11:23:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	241.68	.00628	.08973	1.9982	.01734	.06597	-.00634
SDev	.68	.00008	.00143	.0033	.00001	.00121	.00014
%RSD	.28200	1.2833	1.5879	.16312	.06158	1.8356	2.2383
#1	242.16	.00622	.08872	2.0005	.01735	.06683	-.00644
#2	241.20	.00633	.09074	1.9958	.01734	.06512	-.00624

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	370.98	.20665	.11847	.19175	254.05	.25620	.23975
SDev	.44	.00012	.00024	.00077	.02	.00112	.00096
%RSD	.11919	.05565	.20160	.39948	.00830	.43877	.39961
#1	370.67	.20657	.11830	.19229	254.04	.25699	.23907
#2	371.29	.20673	.11864	.19121	254.07	.25540	.24042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00486	89.161	3.8811	.00361	.23371	30.078	12.510
SDev	.00026	.009	.0002	.00093	.00184	.132	.016
%RSD	5.4045	.01029	.00458	25.620	.78571	.43726	.13151
#1	-.00468	89.168	3.8809	.00427	.23241	30.171	12.522
#2	-.00505	89.155	3.8812	.00296	.23501	29.985	12.499

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00369	17.904	18.259	.76610	-.01547	.02793	.46489
SDev	.00050	.030	.130	.00113	.00377	.00067	.00014
%RSD	13.550	.16744	.71340	.14711	24.361	2.4070	.03052
#1	-.00404	17.925	18.351	.76689	-.01281	.02746	.46499
#2	-.00334	17.883	18.167	.76530	-.01814	.02841	.46479

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50376	.46052	.21843	.25041	-.01882	.00212

Analysis Report 04/24/12 11:27:04 AM page 5

SDev	.00037	.00106	.00244	.00022	.00451	.00186
%RSD	.07393	.23098	1.1168	.08682	23.946	87.761

#1	.50403	.46127	.21670	.25025	-.01564	.00080
#2	.50350	.45977	.22015	.25056	-.02201	.00343

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46058	--	--	--	--	--	--
SDev	159.0990	--	--	--	--	--	--
%RSD	.3454356	--	--	--	--	--	--
#1	46170	--	--	--	--	--	--
#2	45945	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-3-c Operator: DCL
Run Time: 04/24/12 11:27:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.60	.00924	.17217	13.530	.01957	.07124	-.00987
SDev	.79	.00313	.00073	.038	.00004	.00004	.00010
%RSD	.29450	33.897	.42355	.28267	.20607	.05762	.96670
#1	267.16	.00702	.17165	13.557	.01960	.07127	-.00980
#2	266.05	.01145	.17268	13.503	.01954	.07121	-.00993

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	236.04	.25322	.53040	.33910	385.39	.31313	.69995
SDev	.41	.00084	.00057	.00090	.74	.00081	.00216
%RSD	.17355	.33180	.10783	.26545	.19240	.25966	.30850
#1	236.33	.25381	.53081	.33974	385.92	.31371	.69842
#2	235.76	.25262	.53000	.33847	384.87	.31256	.70147

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01729	103.86	58.053	.03273	.89821	34.970	12.100
SDev	.00194	.15	.125	.00064	.00108	.073	.029
%RSD	11.196	.14325	.21555	1.9616	.11993	.20768	.23918
#1	-.01592	103.96	58.141	.03319	.89897	35.021	12.121
#2	-.01866	103.75	57.964	.03228	.89745	34.918	12.080

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00557	21.965	22.154	1.0163	-.03882	.02428	.53647
SDev	.00059	.130	.041	.0027	.00551	.00218	.00172
%RSD	10.533	.58989	.18483	.26664	14.193	8.9647	.32157
#1	-.00599	21.874	22.183	1.0182	-.03493	.02582	.53769
#2	-.00516	22.057	22.125	1.0144	-.04272	.02274	.53525

Analysis Report 04/24/12 11:30:55 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65162	.58577	.65491	.72247	-.04925	-.00131
SDev	.00208	.00076	.00029	.00310	.00162	.00371

%RSD	.31907	.12947	.04392	.42841	3.2844	283.22
#1	.65309	.58631	.65470	.72028	-.05040	.00131
#2	.65015	.58524	.65511	.72466	-.04811	-.00394

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46071	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.1350641	--	--	--	--	--	--
#1	46027	--	--	--	--	--	--
#2	46115	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-4-c Operator: DCL
Run Time: 04/24/12 11:30:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	272.45	.00878	.08357	5.5115	.01818	.06666	-.00651
SDev	1.66	.00003	.00235	.0323	.00012	.00101	.00010
%RSD	.60755	.28210	2.8138	.58574	.67773	1.5217	1.4891
#1	273.62	.00876	.08523	5.5343	.01827	.06737	-.00644
#2	271.28	.00879	.08190	5.4887	.01810	.06594	-.00658

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	498.20	.76825	.14802	.52734	301.99	.28911	1.1321
SDev	3.71	.00573	.00090	.00354	1.93	.00150	.0002
%RSD	.74370	.74573	.61114	.67143	.63803	.51694	.01517
#1	500.82	.77230	.14866	.52985	303.35	.29016	1.1322
#2	495.58	.76420	.14738	.52484	300.63	.28805	1.1319

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00846	98.670	12.348	.00946	.30295	34.312	11.421
SDev	.00007	.680	.083	.00117	.00186	.192	.063
%RSD	.77987	.68956	.67343	12.403	.61487	.55877	.54906
#1	-.00851	99.151	12.407	.01028	.30426	34.447	11.466
#2	-.00841	98.189	12.289	.00863	.30163	34.176	11.377

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00394	12.063	12.771	.79535	-.02120	.03740	.40049
SDev	.00018	.099	.050	.00422	.00118	.00084	.00270

Analysis Report 04/24/12 11:34:46 AM page 7

%RSD	4.4948	.81697	.38997	.53045	5.5652	2.2483	.67394
#1	-.00406	12.132	12.806	.79833	-.02203	.03799	.40240
#2	-.00381	11.993	12.736	.79237	-.02036	.03680	.39858

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51624	1.1174	1.0791	1.1586	-.02035	-.00251
SDev	.00344	.0067	.0111	.0053	.00463	.00241
%RSD	.66612	.59832	1.0320	.45836	22.738	96.007
#1	.51867	1.1221	1.0869	1.1548	-.01708	-.00422
#2	.51381	1.1126	1.0712	1.1623	-.02363	-.00081

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45094	--	--	--	--	--	--
SDev	456.7910	--	--	--	--	--	--
%RSD	1.012975	--	--	--	--	--	--
#1	44771	--	--	--	--	--	--
#2	45417	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-5-c Operator: DCL
Run Time: 04/24/12 11:34:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.93	.00832	.05216	2.8580	.01729	.06695	-.00818
SDev	2.26	.00275	.00051	.0253	.00017	.00010	.00010
%RSD	.91697	33.024	.97649	.88380	.97290	.14762	1.2816
#1	247.53	.00638	.05180	2.8758	.01741	.06688	-.00810
#2	244.34	.01027	.05252	2.8401	.01717	.06702	-.00825

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.467	.22132	.14331	.21306	281.02	.27037	.15027
SDev	.427	.00199	.00166	.00174	2.50	.00239	.00216
%RSD	.89870	.90061	1.1577	.81479	.89089	.88245	1.4377
#1	47.769	.22273	.14448	.21429	282.79	.27206	.15180
#2	47.166	.21991	.14214	.21183	279.25	.26868	.14874

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00646	105.79	4.1721	.00473	.29349	32.128	11.483
SDev	.00072	.96	.0374	.00018	.00212	.303	.096
%RSD	11.223	.90385	.89589	3.7264	.72300	.94273	.83510
#1	-.00594	106.47	4.1985	.00461	.29499	32.343	11.551
#2	-.00697	105.12	4.1456	.00486	.29199	31.914	11.415

Analysis Report 04/24/12 11:38:37 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00347	16.654	16.561	.63944	-.01260	.03194	.40251
SDev	.00008	.226	.151	.00565	.00039	.00121	.00410
%RSD	2.3533	1.3563	.91048	.88395	3.0813	3.7948	1.0178
#1	-.00341	16.813	16.668	.64344	-.01288	.03279	.40540
#2	-.00352	16.494	16.455	.63544	-.01233	.03108	.39961

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38742	.58284	.13350	.15865	-.01586	-.00176
SDev	.00337	.00583	.00214	.00217	.00829	.00306
%RSD	.86910	1.0000	1.6057	1.3670	52.301	174.32
#1	.38980	.58696	.13502	.16019	-.00999	-.00392
#2	.38504	.57871	.13199	.15712	-.02172	.00041

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43394	--	--	--	--	--	--
SDev	343.6539	--	--	--	--	--	--
%RSD	.7919387	--	--	--	--	--	--
#1	43151	--	--	--	--	--	--
#2	43637	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-c Operator: DCL
Run Time: 04/24/12 11:38:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	212.77	.00462	.05833	1.7949	.01427	.04995	-.00552
SDev	.38	.00208	.00091	.0035	.00000	.00006	.00003
%RSD	.17932	45.119	1.5622	.19346	.02425	.12904	.51824
#1	213.04	.00314	.05897	1.7974	.01428	.04991	-.00555
#2	212.50	.00609	.05768	1.7925	.01427	.05000	-.00550

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.21	.18286	.09946	.18413	214.47	.21428	.29589
SDev	.02	.00004	.00041	.00012	.06	.00039	.00060
%RSD	.01210	.02197	.41107	.06438	.02768	.18170	.20350
#1	182.20	.18289	.09918	.18422	214.43	.21455	.29632
#2	182.23	.18283	.09975	.18405	214.51	.21400	.29546

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00567	83.264	4.4818	.00302	.21499	27.544	11.816
SDev	.00046	.025	.0023	.00109	.00086	.050	.011
%RSD	8.1160	.03028	.05220	36.049	.39826	.18213	.09370

Analysis Report 04/24/12 11:42:29 AM page 9

#1	-.00599	83.282	4.4835	.00379	.21438	27.579	11.823
#2	-.00534	83.247	4.4802	.00225	.21559	27.508	11.808

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00313	17.228	17.092	.62304	-.01290	.03068	.33632
SDev	.00061	.179	.053	.00088	.00162	.00035	.00026
%RSD	19.354	1.0396	.31046	.14114	12.581	1.1489	.07633
#1	-.00356	17.102	17.129	.62366	-.01404	.03093	.33651

#2	-.00270	17.355	17.054	.62242	-.01175	.03043	.33614

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31889	.43101	.27674	.30546	-.01866	.00083
SDev	.00014	.00050	.00016	.00098	.00170	.00154
%RSD	.04237	.11521	.05794	.32194	9.1022	185.31
#1	.31899	.43136	.27663	.30616	-.01746	-.00026
#2	.31879	.43066	.27686	.30477	-.01986	.00192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42137	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.0973306	--	--	--	--	--	--
#1	42166	--	--	--	--	--	--
#2	42108	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-d du Operator: DCL
Run Time: 04/24/12 11:42:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	250.82	.00741	.05712	1.8084	.01674	.06795	-.00710
SDev	.47	.00033	.00112	.0037	.00005	.00082	.00001
%RSD	.18866	4.4133	1.9575	.20473	.29288	1.2096	.13358
#1	251.15	.00764	.05633	1.8110	.01678	.06853	-.00709
#2	250.49	.00718	.05791	1.8057	.01671	.06737	-.00711

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	197.50	.24271	.19767	.18220	258.02	.26215	.21018
SDev	.56	.00049	.00113	.00004	.64	.00031	.00018
%RSD	.28563	.20110	.57055	.02240	.24700	.11674	.08598
#1	197.90	.24306	.19847	.18223	258.47	.26237	.21005
#2	197.10	.24237	.19687	.18217	257.57	.26194	.21031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/24/12 11:46:20 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00560	96.604	4.5027	.00360	.26241	34.053	12.082
SDev	.00271	.267	.0117	.00008	.00128	.017	.022
%RSD	48.282	.27680	.26011	2.2197	.48605	.05011	.18379
#1	-.00369	96.793	4.5109	.00355	.26331	34.065	12.098
#2	-.00752	96.415	4.4944	.00366	.26151	34.041	12.066

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00371	18.997	18.941	.68696	-.00998	.02877	.35707
SDev	.00038	.191	.002	.00124	.00189	.00105	.00091
%RSD	10.332	1.0077	.01113	.18024	18.982	3.6647	.25538

#1	-.00344	19.132	18.939	.68784	-.00864	.02952	.35771
#2	-.00398	18.861	18.942	.68609	-.01131	.02802	.35643

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44027	.51849	.19125	.21964	-.01859	.00089
SDev	.00148	.00076	.00031	.00042	.00575	.00118
%RSD	.33579	.14757	.16131	.19364	30.929	133.48
#1	.44132	.51903	.19147	.21934	-.01452	.00172
#2	.43923	.51795	.19104	.21994	-.02265	.00005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42914	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.1697182	--	--	--	--	--	--
#1	42862	--	--	--	--	--	--
#2	42965	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-e ms Operator: DCL
Run Time: 04/24/12 11:46:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	311.62	.35937	.94958	2.7994	.47964	.61742	.45958
SDev	.27	.00177	.00378	.0020	.00012	.00075	.00022
%RSD	.08571	.49194	.39799	.07074	.02493	.12147	.04883
#1	311.43	.36062	.94691	2.7980	.47973	.61795	.45942
#2	311.81	.35812	.95226	2.8008	.47956	.61689	.45973

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	186.68	1.1940	1.0100	1.1498	288.91	.80436	1.1250
SDev	.20	.0002	.0001	.0010	.37	.00139	.0023
%RSD	.10665	.01741	.00726	.08563	.12899	.17260	.20104

#1	186.54	1.1939	1.0100	1.1505	288.65	.80338	1.1234
#2	186.83	1.1942	1.0101	1.1491	289.18	.80534	1.1266

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82005	107.65	5.3278	.76722	1.1498	50.401	13.105
SDev	.00669	.01	.0007	.00279	.0025	.108	.018
%RSD	.81532	.01277	.01351	.36366	.21934	.21418	.14087
#1	.81532	107.64	5.3272	.76525	1.1516	50.325	13.092
#2	.82478	107.66	5.3283	.76920	1.1480	50.478	13.118

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50057	29.870	29.574	1.1761	.97451	.84158	.68030
SDev	.00066	.053	.068	.0009	.00343	.00017	.00059
%RSD	.13222	.17838	.22929	.07697	.35203	.02063	.08638
#1	.50104	29.908	29.526	1.1755	.97693	.84146	.67988
#2	.50010	29.832	29.622	1.1768	.97208	.84170	.68071

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3364	1.5206	1.0658	1.1546	.76509	.84753
SDev	.0003	.0005	.0020	.0044	.00025	.00991
%RSD	.02615	.03574	.18795	.38057	.03210	1.1688
#1	1.3362	1.5210	1.0672	1.1515	.76491	.84053
#2	1.3367	1.5202	1.0644	1.1577	.76526	.85453

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41468	--	--	--	--	--	--
SDev	98.28784	--	--	--	--	--	--
%RSD	.2370181	--	--	--	--	--	--
#1	41399	--	--	--	--	--	--
#2	41538	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 11:50:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5364	.51425	.50963	.51804	.49198	.51431	.52090
SDev	.0144	.00239	.00217	.00135	.00085	.00051	.00011
%RSD	.56679	.46489	.42538	.25960	.17345	.09910	.02130
#1	2.5465	.51594	.51116	.51899	.49258	.51467	.52098
#2	2.5262	.51256	.50809	.51709	.49137	.51395	.52082

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.629	.49145	.49037	.49998	2.6267	.48103	.49981
SDev	.015	.00116	.00022	.00284	.0102	.00147	.00227
%RSD	.11660	.23533	.04411	.56818	.38919	.30578	.45340
#1	12.640	.49227	.49052	.50199	2.6195	.48207	.50141
#2	12.619	.49063	.49021	.49797	2.6340	.47999	.49821

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50026	4.9475	.48766	.51549	.50039	12.679	1.0009
SDev	.00335	.0109	.00054	.00162	.00195	.027	.0104
%RSD	.67018	.22022	.11129	.31420	.38904	.21170	1.0393
#1	.50263	4.9552	.48804	.51664	.50177	12.698	1.0083
#2	.49789	4.9398	.48727	.51435	.49901	12.660	.99354

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25259	13.053	12.471	.25772	.54099	.50119	.51228
SDev	.00003	.228	.084	.00042	.00456	.00209	.00090
%RSD	.01213	1.7479	.67455	.16391	.84252	.41765	.17635
#1	.25261	12.892	12.531	.25802	.53777	.50267	.51292
#2	.25257	13.215	12.412	.25742	.54421	.49971	.51164

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50000	.52412	.47423	.51260	.46598	.51745
SDev	.00073	.00094	.00436	.00122	.01106	.00050
%RSD	.14548	.17997	.91955	.23777	2.3742	.09714
#1	.50051	.52479	.47732	.51346	.47380	.51710
#2	.49948	.52346	.47115	.51174	.45816	.51781

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39556	--	--	--	--	--	--
SDev	234.0523	--	--	--	--	--	--
%RSD	.5917062	--	--	--	--	--	--
#1	39721	--	--	--	--	--	--
#2	39390	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 11:54:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04963	.00260	.00050	.00005	-.00037	.00143	-.00003
SDev	.00140	.00172	.00153	.00002	.00003	.00051	.00013

%RSD	2.8175	66.141	307.32	46.879	8.2179	35.690	474.43
#1	.05062	.00381	.00158	.00003	-.00035	.00179	-.00012
#2	.04864	.00138	-.00058	.00007	-.00039	.00107	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00640	-.00013	.00050	-.00290	.01022	.00012	.00057
SDev	.00051	.00000	.00011	.00042	.00449	.00007	.00006
%RSD	8.0322	.75330	21.760	14.381	43.927	56.917	11.367
#1	-.00676	-.00013	.00058	-.00260	.01339	.00017	.00052
#2	-.00603	-.00013	.00042	-.00319	.00704	.00007	.00061

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.00665	.00018	.00160	.00014	.01265	.00670
SDev	.00054	.00413	.00000	.00174	.00073	.02069	.00246
%RSD	41.155	62.188	.30481	108.65	539.26	163.62	36.697

#1	.00093	.00957	.00018	.00283	.00065	.02728	.00844
#2	.00169	.00373	.00018	.00037	-.00038	-.00199	.00496

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.05168	.00375	-.00008	-.00136	-.00107	-.00000
SDev	.00027	.01056	.00240	.00002	.00461	.00032	.00019
%RSD	471.36	20.436	63.906	30.446	337.98	29.704	719900.

#1	.00013	-.04422	.00545	-.00006	.00189	-.00129	.00013
#2	-.00025	-.05915	.00206	-.00010	-.00462	-.00084	-.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00033	-.00160	.00165	.00143	.00125
SDev	.00002	.00008	.00219	.00100	.00304	.00071
%RSD	20.487	24.824	136.78	60.516	212.29	56.901

#1	-.00007	.00027	-.00315	.00235	-.00072	.00175
#2	-.00009	.00039	-.00005	.00094	.00358	.00075

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39730	--	--	--	--	--	--
SDev	127.9863	--	--	--	--	--	--
%RSD	.3221443	--	--	--	--	--	--

#1	39639	--	--	--	--	--	--
#2	39820	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-f msd Operator: DCL
Run Time: 04/24/12 11:57:55
Comment: TRACE 61E

Analysis Report 04/24/12 12:01:43 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	296.80	.37319	.93320	2.7533	.46558	.63721	.44863
SDev	.63	.00204	.00221	.0064	.00056	.00203	.00004
%RSD	.21240	.54786	.23636	.23332	.12092	.31839	.00933

#1	297.25	.37464	.93476	2.7579	.46598	.63864	.44860
#2	296.35	.37174	.93164	2.7488	.46518	.63578	.44866

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	215.81	1.1497	1.0338	1.1281	274.75	.80271	1.1270
SDev	.02	.0008	.0028	.0047	.27	.00201	.0053
%RSD	.01107	.07177	.26929	.41237	.09929	.25101	.46653

#1	215.83	1.1503	1.0357	1.1314	274.94	.80413	1.1307
#2	215.79	1.1491	1.0318	1.1248	274.55	.80129	1.1233

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.79388	107.37	5.0183	.76913	1.1161	48.621	12.711
SDev	.00154	.09	.0046	.00110	.0038	.096	.010
%RSD	.19354	.08711	.09233	.14290	.34287	.19780	.07917
#1	.79497	107.43	5.0216	.76836	1.1188	48.689	12.718
#2	.79280	107.30	5.0151	.76991	1.1134	48.553	12.703

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49043	30.028	30.075	1.1849	.95907	.83003	.66907
SDev	.00171	.067	.136	.0026	.00796	.00076	.00093
%RSD	.34875	.22205	.45075	.22036	.82971	.09160	.13919
#1	.49164	30.075	30.171	1.1868	.95344	.82949	.66973
#2	.48922	29.981	29.979	1.1831	.96470	.83057	.66841

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3331	1.4898	1.0577	1.1616	.73518	.82323
SDev	.0016	.0014	.0010	.0074	.00749	.00605
%RSD	.12026	.09322	.09624	.63511	1.0182	.73461
#1	1.3342	1.4908	1.0584	1.1669	.72989	.82751
#2	1.3320	1.4888	1.0569	1.1564	.74048	.81896

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41648	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.3667284	--	--	--	--	--	--
#1	41756	--	--	--	--	--	--
#2	41540	--	--	--	--	--	--

Analysis Report 04/24/12 12:01:43 PM page 15

Method: 20076010 Sample Name: 600-53506-a-1-m Operator: DCL
Run Time: 04/24/12 12:01:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.128	.00577	.05235	.61826	.00437	.02453	-.00268
SDev	.829	.00021	.00027	.00918	.00010	.00074	.00018
%RSD	1.6532	3.6019	.51390	1.4847	2.3295	3.0339	6.8134
#1	50.714	.00591	.05254	.62475	.00444	.02506	-.00255
#2	49.542	.00562	.05216	.61177	.00430	.02400	-.00281

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	573.46	.10587	.05155	.25579	127.88	.03640	.10695
SDev	10.74	.00206	.00134	.00440	2.19	.00069	.00314
%RSD	1.8723	1.9496	2.5891	1.7211	1.7159	1.8927	2.9321
#1	581.05	.10733	.05249	.25891	129.43	.03689	.10917
#2	565.87	.10441	.05060	.25268	126.33	.03591	.10473

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00307	13.810	2.1244	.02011	.11004	9.2607	12.066
SDev	.00148	.259	.0359	.00128	.00168	.1921	.200
%RSD	48.098	1.8786	1.6920	6.3427	1.5303	2.0748	1.6592
#1	.00412	13.993	2.1498	.02101	.11123	9.3965	12.207
#2	.00203	13.627	2.0989	.01921	.10885	9.1248	11.924

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00207	2.2269	2.4815	1.2707	-.00683	.03897	.36816
SDev	.00073	.1989	.0363	.0192	.00184	.00123	.00622
%RSD	35.104	8.9333	1.4638	1.5093	26.858	3.1584	1.6899
#1	-.00156	2.3675	2.5072	1.2843	-.00554	.03984	.37256
#2	-.00258	2.0862	2.4558	1.2572	-.00813	.03810	.36376

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16487	.64171	.09703	.11191	-.00871	.00896
SDev	.00302	.00959	.00125	.00533	.00451	.00447
%RSD	1.8315	1.4950	1.2923	4.7635	51.845	49.918
#1	.16701	.64849	.09615	.11568	-.01190	.01212
#2	.16274	.63493	.09792	.10814	-.00552	.00580

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39838	--	--	--	--	--	--

SDev	616.5971	--	--	--	--	--	--
%RSD	1.547761	--	--	--	--	--	--
#1	39402	--	--	--	--	--	--
#2	40274	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53507-a-1-h Operator: DCL
Run Time: 04/24/12 12:05:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.121	k.21560	.21323	.39574	-.00047	-.02365	k.24994
SDev	.052	.00072	.00252	.00118	.00000	.00204	.00233
%RSD	.51064	.33385	1.1808	.29690	.57991	8.6113	.93138
#1	10.157	k.21611	.21501	.39657	-.00047	-.02509	k.25159
#2	10.084	k.21509	.21145	.39491	-.00046	-.02221	k.24830

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.8113	2.3133	.26427	k26.259	S798.74	.00463	k.29910
SDev	.0384	.0075	.00328	.152	4.43	.00005	.00042
%RSD	.49220	.32547	1.2395	.57791	.55472	1.0009	.14169

#1	7.8384	2.3186	.26658	k26.366	S801.88	.00466	k.29940
#2	7.7841	2.3080	.26195	k26.152	S795.61	.00459	k.29880

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.34245	2.8172	19.032	.80958	4.0401	.60209	7.7484
SDev	.00377	.0123	.068	.00450	.0435	.01797	.0135
%RSD	1.1014	.43539	.35653	.55572	1.0756	2.9844	.17435
#1	k.33979	2.8258	19.080	.81276	4.0709	.61480	7.7580
#2	k.34512	2.8085	18.984	.80640	4.0094	.58939	7.7389

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01172	1.3338	1.0119	.06695	k.01390	.34608	.40240
SDev	.00049	.0356	.0075	.00015	.00803	.00877	.00136
%RSD	4.1918	2.6673	.74493	.22265	57.760	2.5325	.33774
#1	-.01137	1.3590	1.0172	.06706	k.01957	.35227	.40336
#2	-.01207	1.3086	1.0066	.06685	k.00822	.33988	.40143

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0375	k9.7739	k.39369	k.25180	k.84120	k.09308
SDev	.0030	.0376	.00134	.00004	.00770	.00951
%RSD	.28460	.38456	.34129	.01435	.91521	10.214
#1	1.0396	k9.8005	k.39464	k.25178	k.84665	k.08636
#2	1.0355	k9.7474	k.39274	k.25183	k.83576	k.09980

Analysis Report 04/24/12 12:09:24 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36698	--	--	--	--	--	--
SDev	139.3000	--	--	--	--	--	--
%RSD	.3795900	--	--	--	--	--	--
#1	36599	--	--	--	--	--	--
#2	36796	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53507-a-2-e Operator: DCL
Run Time: 04/24/12 12:09:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	146.52	.00480	.05714	2.3921	.01206	.03557	-.00462
SDev	.56	.00137	.00177	.0090	.00005	.00003	.00005
%RSD	.38209	28.499	3.1015	.37475	.39314	.06904	1.1397
#1	146.92	.00384	.05589	2.3984	.01209	.03555	-.00458
#2	146.13	.00577	.05839	2.3858	.01203	.03559	-.00466

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	516.64	.17927	.11859	.16164	172.77	.11809	.23958
SDev	2.01	.00053	.00041	.00125	.53	.00047	.00021
%RSD	.38899	.29719	.34454	.77511	.30927	.40143	.08965
#1	518.06	.17964	.11887	.16252	173.15	.11842	.23943
#2	515.22	.17889	.11830	.16075	172.40	.11775	.23973

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00267	37.303	3.2541	.00671	.13828	15.374	12.116
SDev	.00078	.132	.0123	.00124	.00050	.075	.050
%RSD	29.345	.35507	.37700	18.535	.36317	.48652	.41097
#1	-.00212	37.397	3.2628	.00759	.13793	15.427	12.151
#2	-.00323	37.209	3.2455	.00583	.13864	15.321	12.081

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00251	2.4854	2.6872	1.1569	-.00434	.03188	.27927
SDev	.00056	.0017	.0108	.0040	.00135	.00374	.00079
%RSD	22.357	.06786	.40286	.34909	31.150	11.723	.28234
#1	-.00290	2.4842	2.6948	1.1598	-.00339	.03452	.27983
#2	-.00211	2.4866	2.6795	1.1540	-.00530	.02924	.27872

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44860	.33183	.22203	.24835	-.00990	.00094
SDev	.00157	.00171	.00036	.00050	.00315	.00040
%RSD	.35004	.51554	.16400	.20304	31.880	42.679

#1	.44971	.33304	.22229	.24800	-.00767	.00066
#2	.44749	.33062	.22177	.24871	-.01213	.00122

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42086	--	--	--	--	--	--
SDev	286.3782	--	--	--	--	--	--
%RSD	.6804516	--	--	--	--	--	--
#1	41884	--	--	--	--	--	--
#2	42289	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-3-b Operator: DCL
Run Time: 04/24/12 12:13:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.23	.00927	.06149	1.7847	.01130	.03676	-.00643
SDev	.27	.00227	.00057	.0048	.00004	.00024	.00020
%RSD	.21179	24.465	.93232	.26962	.38421	.64193	3.1534
#1	127.42	.00766	.06109	1.7881	.01133	.03693	-.00629
#2	127.04	.01087	.06190	1.7812	.01126	.03659	-.00657

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.752	.15077	.06654	.17843	205.04	.11557	.14199
SDev	.152	.00097	.00047	.00090	.73	.00017	.00038
%RSD	.40195	.64695	.70226	.50299	.35383	.14928	.26542
#1	37.859	.15146	.06687	.17907	205.55	.11569	.14225
#2	37.645	.15008	.06621	.17780	204.52	.11545	.14172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	37.580	3.3200	.00500	.18751	15.687	12.068
SDev	.00006	.150	.0128	.00035	.00115	.013	.035
%RSD	7.9212	.40037	.38432	6.9551	.61451	.08358	.29064
#1	-.00077	37.686	3.3290	.00525	.18832	15.696	12.092
#2	-.00086	37.474	3.3109	.00476	.18670	15.677	12.043

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00291	2.8936	3.2019	.23528	-.00835	.02817	.40345
SDev	.00019	.0071	.0023	.00057	.00152	.00083	.00162
%RSD	6.5399	.24460	.07191	.24225	18.139	2.9462	.40271
#1	-.00305	2.8986	3.2003	.23568	-.00942	.02876	.40460
#2	-.00278	2.8886	3.2035	.23488	-.00728	.02758	.40230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40045	.34060	.12770	.14913	-.01238	.00497
SDev	.00168	.00135	.00074	.00019	.00115	.00067
%RSD	.41831	.39606	.58128	.13019	9.2867	13.496
#1	.40164	.34156	.12822	.14927	-.01319	.00545
#2	.39927	.33965	.12717	.14900	-.01157	.00450

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44488	--	--	--	--	--	--
SDev	166.1701	--	--	--	--	--	--
%RSD	.3735209	--	--	--	--	--	--
#1	44370	--	--	--	--	--	--
#2	44605	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-b Operator: DCL
Run Time: 04/24/12 12:17:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	222.05	.00553	.09353	2.8655	.01474	.08950	-.00626
SDev	4.10	.00144	.00251	.0478	.00024	.00177	.00008
%RSD	1.8478	26.096	2.6820	1.6681	1.6213	1.9789	1.2699
#1	219.15	.00655	.09175	2.8317	.01457	.08824	-.00632

#2	224.95	.00451	.09530	2.8993	.01491	.09075	-.00621

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	703.20	.22848	.16358	.17600	269.06	.29553	.22602
SDev	11.51	.00433	.00267	.00355	4.84	.00532	.00199
%RSD	1.6372	1.8952	1.6329	2.0194	1.8000	1.8005	.88233
#1	695.06	.22542	.16169	.17349	265.63	.29177	.22461
#2	711.34	.23154	.16547	.17851	272.48	.29929	.22743

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01624	112.37	24.775	.00181	.26258	32.560	11.417
SDev	.00096	2.02	.402	.00006	.00579	.619	.203
%RSD	5.9014	1.8018	1.6225	3.3463	2.2047	1.9014	1.7755
#1	-.01692	110.94	24.491	.00186	.25849	32.122	11.274
#2	-.01557	113.80	25.059	.00177	.26667	32.998	11.560

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00345	16.708	17.624	.97153	-.01001	.02414	.33324
SDev	.00058	.178	.327	.01631	.00324	.00086	.00596
%RSD	16.701	1.0634	1.8542	1.6782	32.359	3.5815	1.7901

#1	-.00304	16.582	17.393	.96001	-.01230	.02352	.32902
#2	-.00385	16.833	17.855	.98306	-.00772	.02475	.33745

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42126	.47015	.20296	.23755	-.02871	-.01001
SDev	.00774	.00778	.00172	.00385	.00339	.00026
%RSD	1.8381	1.6556	.84936	1.6221	11.823	2.5874
#1	.41578	.46465	.20418	.23483	-.03111	-.00983
#2	.42673	.47565	.20174	.24028	-.02631	-.01020

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	48067	--	--	--	--	--	--
SDev	492.1463	--	--	--	--	--	--
%RSD	1.023876	--	--	--	--	--	--
#1	48415	--	--	--	--	--	--
#2	47719	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-c du Operator: DCL
Run Time: 04/24/12 12:21:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	252.26	.00934	.07990	2.6483	.01662	.08660	-.00726
SDev	1.36	.00034	.00177	.0102	.00005	.00093	.00019
%RSD	.53873	3.6831	2.2119	.38379	.27607	1.0788	2.6739

#1	253.22	.00958	.08115	2.6555	.01665	.08726	-.00712
#2	251.30	.00910	.07865	2.6411	.01659	.08594	-.00740

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	551.35	.24903	.13134	.17817	280.54	.29890	.17059
SDev	.49	.00095	.00070	.00080	.64	.00187	.00114
%RSD	.08873	.38061	.53184	.44837	.22732	.62664	.67094

#1	551.70	.24970	.13183	.17874	280.99	.30023	.16978
#2	551.01	.24836	.13084	.17761	280.09	.29758	.17140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01348	105.68	10.138	.00265	.26623	32.855	12.123
SDev	.00253	.27	.021	.00134	.00160	.204	.046
%RSD	18.761	.25708	.20956	50.410	.60095	.62199	.37830

#1	-.01169	105.87	10.153	.00360	.26736	33.000	12.156
#2	-.01527	105.49	10.123	.00171	.26510	32.711	12.091

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00357	18.826	19.528	.86420	-.00527	.03033	.34003
SDev	.00039	.143	.157	.00308	.00248	.00298	.00120
%RSD	10.858	.76131	.80226	.35618	47.005	9.8203	.35390

#1	-.00329	18.928	19.639	.86637	-.00352	.03243	.34088
#2	-.00384	18.725	19.417	.86202	-.00702	.02822	.33918

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43823	.49636	.14868	.18154	-.02611	-.00716
SDev	.00107	.00164	.00003	.00173	.00592	.00083
%RSD	.24504	.33097	.02255	.95491	22.663	11.649

#1	.43899	.49752	.14870	.18032	-.02193	-.00657
#2	.43747	.49520	.14866	.18277	-.03030	-.00775

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44456	--	--	--	--	--	--
SDev	107.4802	--	--	--	--	--	--
%RSD	.2417677	--	--	--	--	--	--

#1	44532	--	--	--	--	--	--
#2	44380	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-d ms Operator: DCL
Run Time: 04/24/12 12:25:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	307.31	.24438	.89185	26.934	.40472	.60497	.38152

SDev	1.51	.00263	.00504	.081	.00056	.00168	.00026
%RSD	.49008	1.0742	.56557	.29990	.13906	.27820	.06750
#1	308.37	.24624	.89542	26.991	.40512	.60616	.38170
#2	306.25	.24252	.88828	26.876	.40433	.60378	.38134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	733.37	1.0579	.91105	1.0414	325.97	.85225	.98445
SDev	.13	.0023	.00172	.0045	.53	.00558	.00320
%RSD	.01800	.21389	.18872	.42808	.16303	.65477	.32523
#1	733.47	1.0595	.91227	1.0446	326.34	.85620	.98219
#2	733.28	1.0563	.90984	1.0383	325.59	.84831	.98672

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70881	132.61	13.763	.64752	1.0334	53.128	12.429
SDev	.00366	.27	.024	.00205	.0058	.315	.028
%RSD	.51592	.20575	.17231	.31706	.56355	.59347	.22859
#1	.71140	132.80	13.779	.64607	1.0375	53.351	12.449

#2	.70622	132.41	13.746	.64897	1.0293	52.905	12.409

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44419	29.446	30.550	2.1698	.83188	.71698	.56153
SDev	.00160	.250	.248	.0074	.00098	.00246	.00172
%RSD	.35945	.84973	.81176	.33985	.11836	.34345	.30670
#1	.44532	29.623	30.726	2.1750	.83257	.71872	.56274
#2	.44306	29.269	30.375	2.1646	.83118	.71524	.56031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2539	1.4036	.91363	1.0199	.64902	.73871
SDev	.0025	.0030	.00272	.0062	.00442	.00328
%RSD	.20085	.21636	.29757	.60419	.68082	.44348
#1	1.2557	1.4058	.91555	1.0155	.65214	.74102
#2	1.2521	1.4015	.91170	1.0242	.64589	.73639

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46188	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.2372970	--	--	--	--	--	--
#1	46265	--	--	--	--	--	--
#2	46110	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-e msd Operator: DCL
Run Time: 04/24/12 12:29:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	311.01	.26165	.89956	3.4915	.41165	.60267	.38871
SDev	1.04	.00063	.00145	.0102	.00140	.00165	.00131
%RSD	.33436	.24089	.16121	.29108	.33954	.27375	.33637
#1	311.74	.26210	.90058	3.4987	.41264	.60384	.38963
#2	310.27	.26121	.89853	3.4843	.41066	.60151	.38778

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	669.44	1.0715	.91298	1.0643	337.38	.85494	1.0515
SDev	1.75	.0031	.00315	.0043	.89	.00237	.0065
%RSD	.26118	.28560	.34503	.40216	.26493	.27741	.61688
#1	670.67	1.0736	.91521	1.0673	338.01	.85662	1.0560
#2	668.20	1.0693	.91075	1.0612	336.75	.85327	1.0469

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71183	130.62	13.278	.66183	1.0420	52.112	12.324

SDev	.00022	.46	.038	.00138	.0002	.120	.034
%RSD	.03039	.34952	.28358	.20864	.01512	.23035	.27785
#1	.71168	130.94	13.305	.66280	1.0421	52.197	12.349
#2	.71199	130.30	13.252	.66085	1.0419	52.027	12.300

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44800	29.588	30.715	1.4091	.84485	.72926	.60188
SDev	.00056	.043	.083	.0037	.00414	.00259	.00182
%RSD	.12462	.14463	.26910	.26201	.48950	.35463	.30304
#1	.44840	29.558	30.774	1.4117	.84778	.73109	.60317
#2	.44761	29.618	30.657	1.4065	.84193	.72743	.60059

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3686	1.4146	.97011	1.0921	.64699	.74426
SDev	.0038	.0042	.00447	.0075	.00036	.00051
%RSD	.27844	.29370	.46075	.68623	.05583	.06787
#1	1.3713	1.4176	.97327	1.0974	.64724	.74390
#2	1.3659	1.4117	.96695	1.0868	.64673	.74461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45387	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0373908	--	--	--	--	--	--
#1	45375	--	--	--	--	--	--
#2	45399	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-5-b Operator: DCL
Run Time: 04/24/12 12:33:11
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.447	.00455	.01849	1.2596	.00552	.03333	-.00331
SDev	.393	.00344	.00172	.0048	.00002	.00055	.00015
%RSD	.45430	75.611	9.3233	.38310	.38753	1.6376	4.4713
#1	86.724	.00698	.01727	1.2630	.00554	.03372	-.00321
#2	86.169	.00212	.01971	1.2561	.00551	.03295	-.00342

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.372	.09956	.03438	.04271	97.521	.08071	.05652
SDev	.113	.00034	.00050	.00052	.353	.00033	.00026
%RSD	.44493	.34184	1.4592	1.2086	.36247	.40709	.46028
#1	25.451	.09980	.03473	.04307	97.771	.08094	.05634

#2	25.292	.09932	.03402	.04234	97.271	.08048	.05671

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00176	25.663	1.5635	.00264	.10240	10.545	12.159
SDev	.00195	.125	.0064	.00180	.00035	.043	.063
%RSD	111.13	.48776	.40781	68.225	.34437	.40481	.52028
#1	-.00314	25.752	1.5680	.00392	.10265	10.575	12.204
#2	-.00038	25.575	1.5590	.00137	.10215	10.515	12.115

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00103	1.9848	2.0765	.16637	-.00078	.02733	.29391
SDev	.00054	.1846	.0076	.00057	.00181	.00226	.00139
%RSD	52.798	9.3023	.36690	.34112	231.20	8.2508	.47381
#1	-.00064	2.1154	2.0819	.16677	-.00206	.02893	.29489
#2	-.00141	1.8542	2.0712	.16597	.00050	.02574	.29292

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15208	.19516	.05139	.05909	-.00916	.00194
SDev	.00055	.00116	.00012	.00045	.00379	.00104
%RSD	.36324	.59264	.22427	.75797	41.365	53.287
#1	.15247	.19598	.05147	.05877	-.01184	.00121
#2	.15168	.19434	.05131	.05941	-.00648	.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41437	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.3105761	--	--	--	--	--	--
#1	41346	--	--	--	--	--	--
#2	41528	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 12:37:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4623	.51073	.50189	.51294	.47490	.50943	.51994
SDev	.0054	.00107	.00163	.00044	.00076	.00089	.00077
%RSD	.22093	.20978	.32454	.08675	.15907	.17400	.14811
#1	2.4662	.50997	.50304	.51326	.47543	.51005	.52049
#2	2.4585	.51148	.50074	.51263	.47436	.50880	.51940

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.386	.47844	.47679	.48145	2.5999	.47722	.49438
SDev	.025	.00088	.00158	.00032	.0153	.00035	.00134
%RSD	.20585	.18280	.33120	.06636	.58760	.07403	.27029
#1	12.404	.47906	.47791	.48168	2.6107	.47747	.49344
#2	12.368	.47782	.47568	.48123	2.5891	.47697	.49533

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48902	4.8260	.47632	.50685	.48593	12.625	.96684
SDev	.00326	.0066	.00069	.00137	.00156	.014	.00528
%RSD	.66701	.13604	.14568	.26948	.32029	.10970	.54652
#1	.48672	4.8306	.47681	.50588	.48703	12.615	.97058
#2	.49133	4.8214	.47583	.50781	.48483	12.635	.96310

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24789	12.929	12.296	.25588	.54181	.48960	.50198
SDev	.00115	.056	.000	.00009	.00070	.00294	.00101
%RSD	.46466	.43641	.00038	.03471	.12947	.59995	.20187
#1	.24870	12.889	12.296	.25594	.54131	.49168	.50269
#2	.24707	12.969	12.296	.25582	.54230	.48752	.50126

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48656	.51893	.46255	.51030	.45115	.50801
SDev	.00088	.00063	.00264	.00068	.00459	.00260
%RSD	.18092	.12055	.57030	.13432	1.0165	.51172
#1	.48719	.51937	.46068	.50982	.44791	.50617
#2	.48594	.51848	.46441	.51078	.45440	.50985

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39418	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.2834311	--	--	--	--	--	--

#1	39497	--	--	--	--	--	--
#2	39339	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 12:41:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06799	.00495	.00263	.00018	-.00054	.00210	-.00003
SDev	.00066	.00205	.00235	.00001	.00003	.00013	.00000
%RSD	.97501	41.373	89.281	5.8195	5.5087	6.1378	8.1186

#1	.06752	.00640	.00430	.00019	-.00052	.00201	-.00003
#2	.06846	.00350	.00097	.00017	-.00056	.00219	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00746	.00038	.00023	-.00294	.00404	.00035	.00084
SDev	.00020	.00015	.00054	.00018	.00345	.00010	.00028
%RSD	2.6506	40.577	235.36	6.0770	85.289	29.188	33.103
#1	-.00760	.00049	-.00015	-.00307	.00648	.00042	.00064
#2	-.00732	.00027	.00061	-.00282	.00160	.00028	.00103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.01837	.00017	.00236	-.00010	.11282	.00307
SDev	.00077	.00378	.00006	.00056	.00036	.02958	.00174
%RSD	101.21	20.555	35.921	23.492	345.87	26.215	56.814
#1	.00022	.02104	.00022	.00276	.00015	.13374	.00430
#2	.00131	.01570	.00013	.00197	-.00036	.09191	.00184

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.11221	.01189	-.00003	.00009	-.00009	.00013
SDev	.00026	.03516	.00146	.00002	.00005	.00037	.00006
%RSD	283.72	31.330	12.299	57.807	52.152	437.52	45.097
#1	-.00027	-.13707	.01292	-.00002	.00006	.00018	.00017
#2	.00009	-.08735	.01085	-.00005	.00012	-.00035	.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00044	.00091	.00080	-.00231	.00230
SDev	.00001	.00003	.00216	.00066	.00060	.00146
%RSD	1.3486	6.7523	238.08	82.612	26.038	63.403
#1	.00060	.00046	-.00062	.00127	-.00189	.00127
#2	.00059	.00042	.00243	.00033	-.00274	.00333

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38888	--	--	--	--	--	--

SDev	217.0818	--	--	--	--	--	--
%RSD	.5582302	--	--	--	--	--	--
#1	38734	--	--	--	--	--	--
#2	39041	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-6-b Operator: DCL
Run Time: 04/24/12 12:45:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	199.21	.00605	.05281	4.1397	.01541	.04297	-.00852
SDev	.73	.00407	.00002	.0153	.00007	.00030	.00012
%RSD	.36594	67.299	.03606	.37031	.48388	.69587	1.3849
#1	199.73	.00317	.05280	4.1506	.01546	.04276	-.00843
#2	198.70	.00893	.05283	4.1289	.01536	.04318	-.00860

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.393	.19170	.11621	.15151	261.49	.20287	.16179
SDev	.281	.00063	.00057	.00117	1.26	.00071	.00032
%RSD	.45692	.32688	.49440	.77328	.48353	.34894	.20044
#1	61.592	.19214	.11661	.15233	262.39	.20337	.16156
#2	61.195	.19125	.11580	.15068	260.60	.20237	.16202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00510	70.061	2.4263	.00230	.23185	22.981	11.748
SDev	.00239	.304	.0109	.00030	.00124	.084	.046
%RSD	46.801	.43454	.44793	13.081	.53660	.36703	.39377
#1	-.00341	70.277	2.4339	.00251	.23273	23.040	11.781
#2	-.00679	69.846	2.4186	.00209	.23097	22.921	11.716

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00307	9.3319	9.4569	.66646	-.00180	.03104	.26306
SDev	.00021	.1429	.0177	.00266	.00279	.00273	.00109
%RSD	6.6744	1.5310	.18692	.39928	155.04	8.7920	.41559
#1	-.00293	9.4329	9.4694	.66834	.00017	.03297	.26384
#2	-.00322	9.2309	9.4444	.66458	-.00377	.02911	.26229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32734	.44877	.14530	.17003	-.01389	-.00070
SDev	.00168	.00205	.00099	.00098	.00127	.00294
%RSD	.51237	.45748	.68129	.57718	9.1767	417.91
#1	.32853	.45022	.14600	.16934	-.01299	.00138
#2	.32616	.44732	.14460	.17073	-.01479	-.00278

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42004	--	--	--	--	--	--
SDev	342.9468	--	--	--	--	--	--
%RSD	.8164525	--	--	--	--	--	--
#1	41762	--	--	--	--	--	--
#2	42247	--	--	--	--	--	--

04/24/12 12:52:57 PM page 28

Method: 20076010 Sample Name: 600-53514-a-7-b Operator: DCL
Run Time: 04/24/12 12:49:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	175.37	.00574	.06139	2.8941	.01637	.02923	-.00716
SDev	.42	.00264	.00038	.0053	.00004	.00005	.00002
%RSD	.23676	45.896	.61462	.18469	.21831	.16839	.25843
#1	175.67	.00388	.06112	2.8979	.01639	.02927	-.00715
#2	175.08	.00761	.06166	2.8903	.01634	.02920	-.00717

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.393	.17585	.14646	.14209	213.81	.14986	.25435
SDev	.108	.00001	.00036	.00026	.41	.00021	.00083
%RSD	.22791	.00319	.24862	.18252	.18957	.14291	.32724
#1	47.469	.17585	.14672	.14227	214.10	.15001	.25494
#2	47.316	.17585	.14621	.14191	213.52	.14971	.25376

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00799	54.442	7.1213	.00211	.19877	16.121	10.685
SDev	.00068	.151	.0158	.00042	.00100	.044	.029
%RSD	8.4526	.27827	.22142	19.943	.50366	.27026	.26743
#1	-.00751	54.549	7.1324	.00181	.19948	16.152	10.705
#2	-.00846	54.335	7.1101	.00241	.19806	16.090	10.665

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00447	9.9823	9.8340	.54429	-.00435	.02487	.17390
SDev	.00036	.0420	.0193	.00091	.00351	.00097	.00034
%RSD	8.0926	.42034	.19616	.16692	80.810	3.9214	.19624
#1	-.00422	10.012	9.8477	.54493	-.00186	.02556	.17414
#2	-.00473	9.9526	9.8204	.54365	-.00683	.02418	.17366

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43895	.31422	.23218	.26543	-.02194	-.00101
SDev	.00092	.00089	.00083	.00083	.00223	.00213
%RSD	.20838	.28395	.35703	.31421	10.152	210.74
#1	.43960	.31485	.23277	.26602	-.02351	.00049
#2	.43830	.31359	.23160	.26484	-.02036	-.00251

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45619	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1178021	--	--	--	--	--	--

Analysis Report 04/24/12 12:52:57 PM page 29

#1	45581	--	--	--	--	--
#2	45657	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-8-b Operator: DCL
Run Time: 04/24/12 12:53:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	329.35	.01021	.09444	12.962	.01981	.12732	-.01089
SDev	.79	.00110	.00049	.031	.00003	.00052	.00004
%RSD	.23903	10.807	.51450	.23680	.16998	.40722	.33679
#1	329.90	.01099	.09479	12.983	.01984	.12769	-.01092
#2	328.79	.00943	.09410	12.940	.01979	.12695	-.01087

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	307.83	.31793	.16027	.23018	383.60	.36586	.16240
SDev	1.00	.00081	.00109	.00019	1.21	.00070	.00101
%RSD	.32392	.25372	.67747	.08418	.31489	.19129	.62066
#1	308.53	.31850	.16104	.23032	384.45	.36635	.16311
#2	307.12	.31736	.15950	.23005	382.75	.36537	.16169

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01411	139.04	6.9089	.00591	.34342	49.576	12.550
SDev	.00166	.41	.0186	.00011	.00116	.084	.022
%RSD	11.767	.29138	.26969	1.9215	.33791	.16960	.17467
#1	-.01528	139.33	6.9220	.00599	.34424	49.635	12.566
#2	-.01294	138.76	6.8957	.00583	.34260	49.516	12.535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00391	25.694	26.009	1.1101	.00245	.03181	.44450
SDev	.00031	.224	.035	.0022	.00261	.00139	.00085
%RSD	7.8392	.87060	.13331	.19461	106.23	4.3693	.19155
#1	-.00369	25.852	26.033	1.1117	.00430	.03083	.44510
#2	-.00413	25.536	25.984	1.1086	.00061	.03279	.44390

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51029	.74988	.13927	.17396	-.02110	-.01061
SDev	.00140	.00184	.00275	.00014	.00729	.00613
%RSD	.27464	.24531	1.9741	.07888	34.533	57.801
#1	.51128	.75118	.14121	.17406	-.01595	-.01495

#2	.50930	.74858	.13733	.17387	-.02626	-.00627

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42208	--	--	--	--	--	--
SDev	197.9899	--	--	--	--	--	--
%RSD	.4690815	--	--	--	--	--	--
#1	42068	--	--	--	--	--	--
#2	42348	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-9-b Operator: DCL
Run Time: 04/24/12 12:56:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	298.52	.00800	.05793	24.921	.01705	.11691	-.00747
SDev	.91	.00384	.00325	.070	.00004	.00056	.00002
%RSD	.30621	47.996	5.6079	.27902	.25632	.48361	.31133
#1	299.17	.00529	.05563	24.970	.01708	.11731	-.00749
#2	297.87	.01072	.06022	24.872	.01702	.11651	-.00746

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	482.10	.27216	.07799	.17499	295.96	.35696	.10066
SDev	2.11	.00098	.00044	.00072	.85	.00075	.00048
%RSD	.43812	.35956	.56386	.40982	.28693	.21075	.47408
#1	483.60	.27285	.07830	.17550	296.56	.35749	.10032
#2	480.61	.27147	.07768	.17449	295.35	.35643	.10100

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01132	133.63	2.8276	.00230	.27130	46.165	12.449
SDev	.00033	.51	.0101	.00150	.00083	.103	.031
%RSD	2.9173	.37869	.35664	65.136	.30473	.22373	.24697
#1	-.01155	133.98	2.8348	.00336	.27188	46.238	12.471
#2	-.01108	133.27	2.8205	.00124	.27071	46.092	12.427

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00359	14.363	15.072	1.3595	.00181	.02903	.46774
SDev	.00036	.005	.022	.0036	.00278	.00214	.00175
%RSD	10.082	.03434	.14471	.26114	153.48	7.3610	.37478
#1	-.00333	14.360	15.087	1.3620	.00378	.03054	.46898
#2	-.00385	14.367	15.056	1.3570	-.00015	.02751	.46650

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37615	.63414	.08479	.10860	-.01844	-.00776
SDev	.00156	.00153	.00008	.00067	.00124	.00013

%RSD	.41577	.24119	.09798	.62091	6.7323	1.6159
#1	.37725	.63522	.08473	.10812	-.01932	-.00767

#2	.37504	.63306	.08485	.10907	-.01756	-.00785

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42737	--	--	--	--	--	--
SDev	315.3696	--	--	--	--	--	--
%RSD	.7379311	--	--	--	--	--	--
#1	42514	--	--	--	--	--	--
#2	42960	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-10-c Operator: DCL
Run Time: 04/24/12 13:00:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	146.18	.00661	.04715	1.7760	.00537	.02466	-.00454
SDev	.40	.00034	.00097	.0055	.00003	.00029	.00001
%RSD	.27339	5.1279	2.0500	.31244	.48393	1.1749	.23119
#1	146.46	.00685	.04647	1.7799	.00539	.02487	-.00455
#2	145.90	.00637	.04783	1.7721	.00535	.02446	-.00454

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	200.80	.10602	.04914	.09596	141.34	.10342	.19785
SDev	.74	.00054	.00008	.00060	.51	.00027	.00112
%RSD	.36838	.50994	.16169	.62552	.36138	.25761	.56849
#1	201.33	.10640	.04920	.09638	141.70	.10361	.19865
#2	200.28	.10563	.04909	.09553	140.98	.10323	.19706

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00520	37.451	1.7415	.00312	.10170	14.878	11.983
SDev	.00054	.141	.0059	.00038	.00084	.048	.033
%RSD	10.461	.37715	.33840	12.138	.82539	.31990	.27758
#1	-.00559	37.550	1.7457	.00339	.10230	14.912	12.006
#2	-.00482	37.351	1.7374	.00285	.10111	14.845	11.959

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	11.210	11.299	.49028	-.00606	.02856	.19130
SDev	.00006	.095	.013	.00118	.00545	.00159	.00080
%RSD	2.1247	.84989	.11824	.23965	89.856	5.5725	.42024
#1	-.00272	11.277	11.309	.49111	-.00221	.02968	.19186
#2	-.00280	11.142	11.290	.48944	-.00991	.02743	.19073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.24711	.23821	.17770	.20793	-.01306	-.00127

SDev	.00118	.00111	.00187	.00075	.00385	.00111
%RSD	.47667	.46561	1.0540	.36103	29.517	87.174
#1	.24795	.23899	.17902	.20846	-.01578	-.00049
#2	.24628	.23742	.17638	.20740	-.01033	-.00206

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40156	--	--	--	--	--	--
SDev	180.3122	--	--	--	--	--	--
%RSD	.4490350	--	--	--	--	--	--
#1	40028	--	--	--	--	--	--
#2	40283	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-11-b Operator: DCL
Run Time: 04/24/12 13:04:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	170.94	.00470	.03315	1.8176	.01402	.03421	-.00523
SDev	.56	.00162	.00289	.0054	.00005	.00043	.00017
%RSD	.32985	34.570	8.7122	.29773	.32631	1.2546	3.2101
#1	171.34	.00355	.03111	1.8214	.01405	.03451	-.00511
#2	170.54	.00585	.03519	1.8138	.01399	.03391	-.00534

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.852	.12632	.06464	.11384	156.24	.09733	.14073
SDev	.194	.00027	.00063	.00025	.57	.00032	.00028
%RSD	.36613	.21724	.98149	.22270	.36172	.32642	.19779
#1	52.989	.12652	.06509	.11402	156.64	.09756	.14093
#2	52.716	.12613	.06419	.11367	155.84	.09711	.14054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00460	58.538	3.7598	.00127	.13422	17.893	10.560
SDev	.00108	.206	.0132	.00071	.00151	.050	.036
%RSD	23.505	.35237	.35209	55.656	1.1258	.28046	.34237
#1	-.00536	58.684	3.7692	.00177	.13528	17.929	10.586
#2	-.00383	58.392	3.7505	.00077	.13315	17.858	10.535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00405	17.708	17.324	.67118	-.00094	.02489	.15795
SDev	.00051	.152	.039	.00198	.00477	.00011	.00049
%RSD	12.650	.85751	.22681	.29574	505.73	.44044	.30758
#1	-.00369	17.816	17.352	.67258	.00243	.02497	.15829
#2	-.00442	17.601	17.297	.66977	-.00432	.02482	.15760

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20851	.35634	.12248	.14986	-.01154	-.00113
SDev	.00066	.00135	.00127	.00022	.00521	.00099
%RSD	.31835	.37785	1.0356	.14459	45.189	87.441
#1	.20897	.35730	.12338	.14971	-.01522	-.00043
#2	.20804	.35539	.12159	.15001	-.00785	-.00182

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46996	--	--	--	--	--	--
SDev	123.0366	--	--	--	--	--	--
%RSD	.2618022	--	--	--	--	--	--
#1	46909	--	--	--	--	--	--
#2	47083	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-12-b Operator: DCL
Run Time: 04/24/12 13:08:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	311.10	.00848	.08293	.91403	.01873	.11509	-.00999
SDev	1.11	.00079	.00050	.00418	.00006	.00021	.00016
%RSD	.35665	9.2896	.60174	.45733	.29669	.18234	1.5581
#1	311.89	.00792	.08257	.91698	.01877	.11495	-.00988
#2	310.32	.00904	.08328	.91107	.01869	.11524	-.01010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	392.12	.30044	.09119	.22096	350.75	.36804	.13747
SDev	.65	.00114	.00031	.00127	.98	.00169	.00255
%RSD	.16660	.37928	.33962	.57313	.27917	.45850	1.8543
#1	392.58	.30124	.09097	.22185	351.44	.36923	.13567
#2	391.66	.29963	.09141	.22006	350.06	.36685	.13927

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01159	140.79	3.8123	.00310	.29940	46.558	12.349
SDev	.00019	.32	.0095	.00114	.00150	.177	.043
%RSD	1.6021	.22554	.24985	36.786	.49968	.38078	.34994
#1	-.01146	141.01	3.8190	.00391	.30046	46.683	12.380
#2	-.01172	140.57	3.8056	.00230	.29834	46.432	12.319

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00475	14.893	15.827	.91658	.00582	.03272	.50091
SDev	.00062	.024	.089	.00355	.00392	.00424	.00174

%RSD	13.144	.16390	.55999	.38744	67.422	12.953	.34720
#1	-.00520	14.876	15.889	.91909	.00859	.03572	.50214
#2	-.00431	14.911	15.764	.91407	.00304	.02973	.49968

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49215	.67708	.11970	.14635	-.01388	-.01044
SDev	.00162	.00207	.00046	.00405	.01111	.00528
%RSD	.32918	.30551	.38264	2.7690	80.054	50.528
#1	.49330	.67854	.12002	.14349	-.00602	-.01418
#2	.49100	.67562	.11938	.14922	-.02174	-.00671

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43099	--	--	--	--	--	--
SDev	135.7645	--	--	--	--	--	--
%RSD	.3150062	--	--	--	--	--	--
#1	43195	--	--	--	--	--	--
#2	43003	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53429-a-6-c Operator: DCL
Run Time: 04/24/12 13:12:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	214.58	.92754	.95297	2.7532	.42631	.98327	.44215
SDev	5.16	.02417	.02441	.0633	.00998	.01881	.00991
%RSD	2.4051	2.6053	2.5615	2.2981	2.3416	1.9133	2.2407
#1	218.23	.94463	.97023	2.7980	.43337	.99658	.44915
#2	210.93	.91046	.93571	2.7085	.41925	.96997	.43514

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	185.76	1.0241	.91839	1.0655	220.51	1.2253	1.1612
SDev	4.34	.0253	.02156	.0245	5.33	.0258	.0269
%RSD	2.3355	2.4718	2.3473	2.3013	2.4189	2.1018	2.3126
#1	188.83	1.0420	.93363	1.0828	224.29	1.2435	1.1801
#2	182.69	1.0062	.90315	1.0481	216.74	1.2071	1.1422

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82885	88.784	5.1996	.90114	1.0538	38.294	12.425
SDev	.02472	2.122	.1231	.01845	.0247	.808	.288
%RSD	2.9824	2.3902	2.3673	2.0478	2.3467	2.1100	2.3155
#1	.84633	90.285	5.2866	.91419	1.0713	38.865	12.629
#2	.81137	87.283	5.1126	.88809	1.0364	37.722	12.222

Analysis Report 04/24/12 01:16:45 PM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45701	27.418	27.927	1.1047	.95592	.88561	1.2242
SDev	.00990	.666	.542	.0252	.01810	.01748	.0297
%RSD	2.1665	2.4282	1.9423	2.2781	1.8932	1.9737	2.4250
#1	.46401	27.889	28.311	1.1225	.96872	.89797	1.2452
#2	.45001	26.948	27.543	1.0869	.94313	.87325	1.2032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1676	1.3634	1.0658	1.2088	.75452	.86601
SDev	.0279	.0310	.0253	.0276	.01972	.02722
%RSD	2.3899	2.2738	2.3778	2.2839	2.6136	3.1431
#1	1.1874	1.3853	1.0837	1.2284	.76847	.88526
#2	1.1479	1.3415	1.0479	1.1893	.74058	.84676

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41130	--	--	--	--	--	--
SDev	859.8419	--	--	--	--	--	--
%RSD	2.090547	--	--	--	--	--	--
#1	40522	--	--	--	--	--	--
#2	41738	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53429-a-6-c@5 Operator: DCL
Run Time: 04/24/12 13:16:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.211	.00421	.01342	.40842	.00248	.01380	-.00163
SDev	.080	.00475	.00142	.00022	.00003	.00098	.00006
%RSD	.17397	112.97	10.589	.05483	1.3254	7.1148	3.4662
#1	46.268	.00757	.01443	.40857	.00251	.01450	-.00167
#2	46.154	.00085	.01242	.40826	.00246	.01311	-.00159

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.686	.04069	.02196	.03618	48.021	.04557	.06668
SDev	.117	.00028	.00004	.00081	.100	.00020	.00065
%RSD	.28084	.69967	.17533	2.2307	.20721	.43142	.96964
#1	41.769	.04089	.02199	.03675	48.092	.04571	.06714
#2	41.603	.04049	.02193	.03560	47.951	.04543	.06622

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	18.286	1.0135	.00332	.04965	5.7666	2.6384
SDev	.00294	.042	.0020	.00082	.00047	.0300	.0091
%RSD	6306.6	.23193	.19376	24.645	.95425	.52071	.34475

#1	-.00203	18.316	1.0149	.00389	.04931	5.7878	2.6449
#2	.00212	18.256	1.0122	.00274	.04998	5.7453	2.6320

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	3.3645	3.4260	.14156	.00008	.00623	.07499
SDev	.00047	.0489	.0039	.00006	.00044	.00093	.00023
%RSD	38.328	1.4520	.11339	.04176	572.47	15.001	.30864
#1	-.00154	3.3300	3.4233	.14161	.00039	.00557	.07515
#2	-.00088	3.3991	3.4288	.14152	-.00023	.00689	.07482

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06998	.10491	.06002	.07001	-.00879	.00446
SDev	.00066	.00020	.00059	.00068	.00010	.00436
%RSD	.94434	.18957	.97848	.96585	1.0877	97.638
#1	.07044	.10505	.06044	.07048	-.00885	.00138
#2	.06951	.10477	.05961	.06953	-.00872	.00754

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38884	--	--	--	--	--	--
SDev	176.0696	--	--	--	--	--	--
%RSD	.4528131	--	--	--	--	--	--
#1	38759	--	--	--	--	--	--
#2	39008	--	--	--	--	--	--

Analysis Report 04/24/12 01:25:23 PM page 1

Method: 20076010 Sample Name: 600-53894-a-1-c Operator: DCL
Run Time: 04/24/12 13:21:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4571	k.19149	.23007	1.1907	-.00107	.02583	k.23375
SDev	.0134	.00502	.00517	.0032	.00001	.00140	.00048
%RSD	.20742	2.6222	2.2455	.26471	.75948	5.4042	.20590
#1	6.4666	k.18794	.22642	1.1929	-.00108	.02485	k.23409
#2	6.4476	k.19504	.23372	1.1885	-.00106	.02682	k.23341

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.694	1.5319	.44953	k1.6217	S813.72	.03352	k.27284
SDev	.076	.0011	.00263	.0031	2.09	.00010	.00028
%RSD	.21951	.07047	.58437	.19247	.25695	.30031	.10384
#1	34.640	1.5326	.45139	k1.6239	S815.20	.03359	k.27264
#2	34.748	1.5311	.44767	k1.6195	S812.24	.03345	k.27304

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-.81807	23.395	25.388	.19644	1.0928	1.3169	11.490
SDev	.00252	.031	.037	.00371	.0119	.0134	.119
%RSD	.30792	.13219	.14434	1.8905	1.0885	1.0195	1.0385
#1	k-.81629	23.417	25.413	.19906	1.1012	1.3264	11.406

```
 #2     k-.81985   23.373    25.362    .19381    1.0844    1.3074    11.574

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.01707   17.725    16.940    .65659   k.21137    .20309    .51608
 SDev     .00034     .003      .088    .00143    .01326    .00662    .00065
 %RSD    2.0042    .01567    .51786    .21717    6.2748    3.2608    .12631

 #1      -.01683   17.723    17.002    .65760   k.22074    .20777    .51654
 #2      -.01731   17.727    16.878    .65558   k.20199    .19841    .51562

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .31327   k2.2536   k.37398   k.22227   k-.22604  k-1.1141
 SDev    .00002     .0016    .00064    .00075     .00350     .0020
 %RSD    .00533    .07257    .17092    .33499    1.5495    .18197

 #1      .31325   k2.2547   k.37443   k.22175   k-.22356  k-1.1127
 #2      .31328   k2.2524   k.37353   k.22280   k-.22851  k-1.1155


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    36090     --        --        --        --        --        --
 SDev    27.57716  --        --        --        --        --        --
 %RSD    .0764133  --        --        --        --        --        --

Analysis Report                          04/24/12 01:25:23 PM         page 2


 #1      36070     --        --        --        --        --        --
 #2      36109     --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: 20076010   Sample Name: CCV met0412ccv_00004   Operator: DCL
Run Time: 04/24/12 13:25:26
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    2.5094    .52150    .51129    .53100    .47228    .52201    .53339
 SDev     .0218    .00503    .00030    .00297    .00193    .00405    .00226
 %RSD    .86778    .96501    .05860    .55983    .40787    .77642    .42408

 #1      2.5248    .52506    .51108    .53310    .47364    .52488    .53499
 #2      2.4940    .51795    .51150    .52890    .47092    .51915    .53179

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    12.498    .48063    .48078    .48665    2.8736    .49485    .50022
 SDev      .043    .00215    .00203    .00387     .0900    .00290    .00285
 %RSD    .34209    .44674    .42307    .79463    3.1330    .58627    .56921

 #1      12.528    .48215    .48222    .48939    2.9373    .49690    .50224
 #2      12.467    .47911    .47934    .48392    2.8099    .49280    .49821

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .49484    4.8449    .48420    .51395    .49024    13.093    1.0289
 SDev    .00240     .0178    .00237    .00194    .00189      .080     .0305
```

%RSD	.48506	.36815	.48858	.37845	.38641	.61066	2.9657
#1	.49654	4.8575	.48588	.51533	.49158	13.149	1.0505
#2	.49314	4.8323	.48253	.51258	.48890	13.036	1.0074

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25330	13.067	12.795	.26458	.55573	.49207	.51031
SDev	.00115	.017	.134	.00138	.00099	.00059	.00224
%RSD	.45372	.13350	1.0469	.52326	.17751	.11893	.43808
#1	.25411	13.054	12.890	.26556	.55503	.49248	.51189
#2	.25249	13.079	12.701	.26360	.55643	.49165	.50873

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49086	.53199	.46160	.51954	.45421	.51515
SDev	.00271	.00277	.00356	.00249	.00561	.00080
%RSD	.55267	.52020	.77016	.47994	1.2344	.15474
#1	.49278	.53395	.46411	.52130	.45818	.51572
#2	.48894	.53004	.45908	.51777	.45025	.51459

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 01:29:14 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38541	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.3962924	--	--	--	--	--	--
#1	38649	--	--	--	--	--	--
#2	38433	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 13:29:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08276	.00265	.00129	.00007	-.00070	.00080	-.00005
SDev	.00312	.00110	.00137	.00006	.00001	.00056	.00001
%RSD	3.7684	41.364	106.53	87.441	.72830	69.739	22.786
#1	.08056	.00187	.00032	.00003	-.00070	.00119	-.00005
#2	.08497	.00342	.00226	.00011	-.00070	.00040	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01074	.00017	.00005	-.00369	.03369	.00044	-.00000
SDev	.00038	.00056	.00027	.00061	.03003	.00015	.00042
%RSD	3.5473	339.22	593.65	16.621	89.146	34.767	9840.9
#1	-.01047	-.00023	-.00015	-.00413	.01245	.00033	.00030
#2	-.01101	.00056	.00024	-.00326	.05492	.00055	-.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00306	.01165	.00022	.00175	.00087	.09772	.01414
SDev	.00154	.01375	.00021	.00012	.00062	.09446	.00240
%RSD	50.199	118.04	94.945	7.0412	71.859	96.666	16.985
#1	.00415	.00193	.00007	.00184	.00043	.03093	.01584
#2	.00197	.02137	.00037	.00167	.00131	.16452	.01244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.05050	.01218	-.00007	-.00220	.00016	.00007
SDev	.00112	.16102	.00643	.00001	.00349	.00016	.00011
%RSD	694.88	318.84	52.809	13.978	158.66	98.980	146.77
#1	-.00095	-.16436	.00763	-.00006	.00027	.00027	-.00000
#2	.00063	.06335	.01672	-.00007	-.00467	.00005	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00060	.00054	-.00028	.00164	.00377
SDev	.00061	.00003	.00064	.00031	.00439	.00011
%RSD	377.95	5.0315	119.48	113.76	267.06	2.9639
#1	-.00027	.00058	.00099	-.00005	.00475	.00385

#2	.00059	.00062	.00008	-.00050	-.00146	.00369

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38577	--	--	--	--	--	--
SDev	504.8742	--	--	--	--	--	--
%RSD	1.308744	--	--	--	--	--	--
#1	38934	--	--	--	--	--	--
#2	38220	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-77850/1-a Operator: DCL
Run Time: 04/24/12 15:37:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12178	.00381	.00168	.00615	-.00104	-.00038	.00009
SDev	.00525	.00214	.00145	.00007	.00002	.00002	.00008
%RSD	4.3122	56.208	85.984	1.1130	1.9205	5.8212	88.087
#1	.12550	.00533	.00271	.00620	-.00105	-.00040	.00015
#2	.11807	.00230	.00066	.00611	-.00103	-.00036	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25905	.00072	.00061	-.00355	.05204	.00114	.00170
SDev	.02082	.00059	.00058	.00049	.02466	.00012	.00079
%RSD	8.0393	82.064	95.589	13.686	47.395	10.300	46.517

#1	.27377	.00114	.00101	-.00321	.06948	.00123	.00114
#2	.24432	.00030	.00020	-.00390	.03460	.00106	.00227

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.07124	.00020	.00054	.00040	.40331	.00108
SDev	.00421	.01141	.00005	.00033	.00018	.04747	.00423
%RSD	685.95	16.010	22.701	60.830	45.600	11.769	392.72

#1	.00359	.07931	.00024	.00031	.00053	.43687	.00407
#2	-.00236	.06318	.00017	.00078	.00027	.36975	-.00191

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.30974	.04233	.00012	-.00435	.02932	.00037
SDev	.00111	.16853	.00346	.00005	.00154	.00019	.00010
%RSD	103.85	54.408	8.1739	39.848	35.357	.65857	26.039

#1	.00185	.42891	.04477	.00016	-.00326	.02946	.00043
#2	.00028	.19058	.03988	.00009	-.00544	.02918	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00523	.00464	.00024	-.00657	.00421
SDev	.00044	.00067	.00145	.00191	.00577	.00343
%RSD	434.55	12.875	31.190	805.69	87.806	81.551

#1	.00041	.00570	.00566	-.00112	-.00249	.00663
#2	-.00021	.00475	.00362	.00159	-.01065	.00178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35861	--	--	--	--	--	--
SDev	359.2102	--	--	--	--	--	--
%RSD	1.001674	--	--	--	--	--	--

#1	35607	--	--	--	--	--	--
#2	36115	--	--	--	--	--	--

Method: 20076010 Sample Name: LCS 600-77850/2-A Operator: DCL
Run Time: 04/24/12 15:41:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.372	.96925	1.3160	2.6518	1.3281	.86066	.70208
SDev	2.475	.02057	.0397	.0780	.0366	.02307	.01942
%RSD	3.0047	2.1221	3.0152	2.9433	2.7595	2.6807	2.7653

#1	84.122	.98380	1.3441	2.7070	1.3540	.87697	.71581
#2	80.622	.95471	1.2880	2.5966	1.3022	.84434	.68835

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	91.306	.92572	1.2601	.98682	174.26	.08915	1.3194
SDev	2.590	.02701	.0367	.02892	5.07	.00251	.0292
%RSD	2.8365	2.9177	2.9115	2.9305	2.9113	2.8151	2.2154
#1	93.137	.94481	1.2861	1.0073	177.85	.09092	1.3401
#2	89.475	.90662	1.2342	.96637	170.68	.08737	1.2987

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7620	37.610	4.8403	.90672	1.2231	48.856	3.2838
SDev	.0404	1.074	.1405	.02430	.0398	1.318	.0944
%RSD	2.2903	2.8544	2.9022	2.6800	3.2580	2.6976	2.8761
#1	1.7906	38.369	4.9396	.92390	1.2513	49.788	3.3506
#2	1.7335	36.851	4.7410	.88953	1.1949	47.924	3.2170

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44194	3.0264	6.6023	2.5177	1.7523	1.5051	3.8636
SDev	.01311	.0968	.1769	.0757	.0376	.0434	.1119
%RSD	2.9675	3.1985	2.6801	3.0066	2.1462	2.8844	2.8954
#1	.45122	3.0948	6.7274	2.5712	1.7789	1.5358	3.9427
#2	.43267	2.9579	6.4771	2.4642	1.7257	1.4744	3.7845

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59900	2.5359	1.2109	1.3737	1.6195	1.8333
SDev	.01718	.0733	.0284	.0296	.0322	.0444
%RSD	2.8687	2.8887	2.3449	2.1584	1.9876	2.4240
#1	.61115	2.5877	1.2310	1.3946	1.6423	1.8647
#2	.58685	2.4841	1.1909	1.3527	1.5968	1.8018

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 03:45:07 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37698	--	--	--	--	--	--
SDev	869.7413	--	--	--	--	--	--
%RSD	2.307129	--	--	--	--	--	--
#1	37083	--	--	--	--	--	--
#2	38313	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-77850/14-a Operator: DCL
Run Time: 04/24/12 15:45:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11123	.01592	.00201	.00128	-.00102	.00046	-.00009
SDev	.00106	.00438	.00054	.00000	.00001	.00033	.00001
%RSD	.95303	27.529	26.929	.18955	.90045	71.866	10.709
#1	.11048	.01902	.00240	.00128	-.00101	.00023	-.00010
#2	.11198	.01282	.00163	.00128	-.00103	.00069	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35150	.00036	-.00005	-.00393	.01799	.00078	.00153
SDev	.01879	.00019	.00038	.00007	.00052	.00002	.00065
%RSD	5.3457	53.596	757.32	1.8515	2.8999	2.3295	42.450
#1	.36478	.00022	.00022	-.00388	.01762	.00079	.00107
#2	.33821	.00050	-.00032	-.00398	.01835	.00076	.00198

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00466	.03626	.00029	.00219	-.00039	.25076	-.00177
SDev	.00096	.00129	.00004	.00153	.00031	.00561	.00091
%RSD	20.680	3.5527	14.560	69.975	81.260	2.2360	51.500
#1	.00534	.03717	.00026	.00328	-.00061	.25472	-.00113
#2	.00398	.03535	.00032	.00111	-.00016	.24679	-.00242

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.10123	.10325	.00012	-.00263	-.00030	.00049
SDev	.00040	.11904	.00109	.00001	.00454	.00011	.00025
%RSD	623.45	117.59	1.0532	4.9428	172.33	36.960	50.383
#1	-.00035	.01706	.10248	.00012	.00058	-.00038	.00066
#2	.00022	.18541	.10402	.00011	-.00584	-.00022	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.02871	.00536	-.00039	-.00075	.00737
SDev	.00006	.00223	.00367	.00281	.00800	.00256
%RSD	15.129	7.7720	68.525	715.17	1067.4	34.704
#1	.00032	.03029	.00796	-.00238	.00491	.00556

#2	.00040	.02713	.00276	.00159	-.00641	.00917

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37274	--	--	--	--	--	--
SDev	118.0868	--	--	--	--	--	--
%RSD	.3168118	--	--	--	--	--	--
#1	37190	--	--	--	--	--	--
#2	37357	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53867-a-1-e Operator: DCL
Run Time: 04/24/12 15:49:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	904.13	.00699	.02044	1.1531	.00597	.19098	-.00502
SDev	2.68	.00304	.00111	.0026	.00000	.00175	.00053
%RSD	.29666	43.533	5.4140	.22759	.06742	.91480	10.568

#1	906.03	.00484	.01966	1.1550	.00597	.19222	-.00464
#2	902.23	.00914	.02122	1.1513	.00596	.18974	-.00539

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	709.01	.67850	.04717	.28556	102.27	.37951	.08218
SDev	2.99	.00191	.00002	.00079	.38	.00099	.00277
%RSD	.42219	.28115	.03869	.27651	.37437	.26033	3.3762

#1	711.13	.67985	.04716	.28612	102.54	.38021	.08414
#2	706.89	.67715	.04719	.28500	102.00	.37881	.08021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01317	11.530	1.0256	1.6101	.16616	23.336	2.4178
SDev	.00052	.037	.0029	.0012	.00041	.087	.0117
%RSD	3.9574	.32202	.28279	.07314	.24541	.37462	.48347

#1	-.01354	11.556	1.0277	1.6109	.16645	23.397	2.4095
#2	-.01280	11.504	1.0236	1.6092	.16588	23.274	2.4261

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00211	11.398	27.597	1.6401	.01668	.01333	15.735
SDev	.00024	.228	.075	.0040	.00588	.00579	.031
%RSD	11.291	1.9997	.27354	.24371	35.260	43.398	.19717

#1	-.00194	11.559	27.650	1.6429	.02084	.01742	15.756
#2	-.00227	11.237	27.544	1.6373	.01252	.00924	15.713

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40175	1.2772	.11471	.06591	-.01597	-.01177

SDev	.00113	.0040	.00143	.00488	.01155	.00499
%RSD	.28087	.31151	1.2491	7.4015	72.325	42.423

#1	.40255	1.2800	.11370	.06936	-.02414	-.00824
#2	.40095	1.2744	.11573	.06246	-.00780	-.01530

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36182	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.2892372	--	--	--	--	--	--

#1	36108	--	--	--	--	--	--
#2	36256	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53867-a-2-e Operator: DCL
Run Time: 04/24/12 15:52:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3967	.31836	-.00264	.08743	.00067	.02544	-.00144
SDev	.0474	.00217	.00160	.00028	.00002	.00000	.00005

%RSD	.74102	.68277	60.383	.31884	2.4730	.00137	3.2361
#1	6.4302	.31682	-.00151	.08763	.00066	.02544	-.00141
#2	6.3632	.31990	-.00377	.08723	.00069	.02544	-.00147

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7708	.03808	.69495	1.9486	22.198	.00753	.07128
SDev	.0196	.00012	.00214	.0089	.093	.00003	.00173
%RSD	1.1055	.31700	.30722	.45678	.42023	.40020	2.4318
#1	1.7847	.03816	.69646	1.9549	22.264	.00755	.07250
#2	1.7570	.03799	.69344	1.9423	22.132	.00751	.07005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00790	.21927	.21244	34.382	.37111	.04390	.91879
SDev	.00104	.00127	.00065	.061	.00171	.00965	.01055
%RSD	13.199	.57681	.30491	.17707	.46166	21.971	1.1479
#1	.00716	.22016	.21289	34.425	.37232	.03708	.92625
#2	.00864	.21837	.21198	34.339	.36990	.05072	.91133

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	-1.3936	.32648	.04836	-.00956	.00204	1.6958
SDev	.00072	.0288	.00287	.00016	.00015	.00097	.0075
%RSD	54.788	2.0635	.87862	.32372	1.5234	47.565	.44428
#1	.00183	-1.4139	.32445	.04847	-.00966	.00273	1.7011
#2	.00081	-1.3733	.32851	.04825	-.00946	.00136	1.6904

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3144	.18107	.04161	.08611	-.00418	.01394
SDev	.0106	.00073	.00158	.00339	.00141	.00086
%RSD	.32045	.40110	3.7901	3.9350	33.650	6.1751
#1	3.3219	.18159	.04050	.08851	-.00517	.01333
#2	3.3069	.18056	.04273	.08372	-.00319	.01455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39724	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1441822	--	--	--	--	--	--
#1	39684	--	--	--	--	--	--
#2	39765	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53867-a-3-e Operator: DCL
Run Time: 04/24/12 15:56:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	7.7035	.82011	-.01490	.08566	.00233	.03185	-.00299
SDev	.0384	.00690	.00079	.00035	.00001	.00015	.00010
%RSD	.49786	.84085	5.3179	.40813	.26897	.46544	3.2926
#1	7.7306	.81523	-.01434	.08591	.00234	.03175	-.00292
#2	7.6763	.82499	-.01546	.08541	.00233	.03196	-.00306

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6400	.04797	4.9904	4.5610	28.068	.00783	.08393
SDev	.0255	.00006	.0158	.0189	.206	.00004	.00101
%RSD	.45187	.12032	.31616	.41405	.73545	.54560	1.2036
#1	5.6581	.04801	5.0015	4.5744	28.214	.00786	.08322
#2	5.6220	.04793	4.9792	4.5477	27.922	.00780	.08464

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01477	.34798	.23040	70.968	2.6149	.00348	.98392
SDev	.00233	.00051	.00065	.175	.0140	.00011	.00659
%RSD	15.751	.14643	.28027	.24596	.53620	3.2860	.66991
#1	.01313	.34834	.23085	71.091	2.6248	.00356	.98858
#2	.01642	.34762	.22994	70.844	2.6050	.00340	.97926

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00679	-1.1889	.41227	.04913	-.01255	.00406	1.6415
SDev	.00109	.3392	.00248	.00018	.00174	.00136	.0070

%RSD	16.039	28.531	.60194	.37499	13.841	33.562	.42930
#1	-.00602	-.94908	.41402	.04926	-.01133	.00502	1.6465
#2	-.00756	-1.4288	.41051	.04900	-.01378	.00309	1.6365

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2870	.44321	.02283	.11448	-.00073	.02252
SDev	.0266	.00181	.00072	.00188	.00022	.00360
%RSD	.36438	.40888	3.1599	1.6386	30.295	15.986
#1	7.3058	.44449	.02334	.11316	-.00057	.01998
#2	7.2683	.44193	.02232	.11581	-.00088	.02507

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41094	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1875592	--	--	--	--	--	--
#1	41039	--	--	--	--	--	--
#2	41148	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-b-1-a Operator: DCL
Run Time: 04/24/12 16:00:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.479	.22637	.27161	.69252	.00572	.12407	.01140
SDev	.162	.00440	.00153	.00122	.00001	.00077	.00005
%RSD	.17663	1.9418	.56499	.17685	.09891	.62200	.46494
#1	91.593	.22947	.27270	.69339	.00573	.12352	.01143
#2	91.365	.22326	.27053	.69166	.00572	.12461	.01136

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1708.0	.24736	.06855	.67257	177.70	.09132	25.854
SDev	13.1	.00100	.00066	.00049	.72	.00013	.018
%RSD	.76733	.40563	.96143	.07219	.40598	.14404	.06772
#1	1717.3	.24807	.06902	.67291	178.21	.09142	25.866
#2	1698.7	.24665	.06809	.67223	177.19	.09123	25.842

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00274	21.658	4.1440	.15101	.33522	27.906	6.7491
SDev	.00084	.097	.0139	.05622	.00060	.051	.0170
%RSD	30.678	.44627	.33561	37.229	.17947	.18231	.25191
#1	-.00333	21.726	4.1539	.19076	.33479	27.942	6.7371
#2	-.00215	21.590	4.1342	.11126	.33564	27.870	6.7612

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	5.3651	6.4000	14.173	.01593	.08486	.52387
SDev	.00023	.0340	.0020	.027	.00439	.00263	.00175
%RSD	12.231	.63283	.03175	.19210	27.531	3.1009	.33402
#1	-.00173	5.3891	6.3985	14.192	.01903	.08672	.52511
#2	-.00206	5.3411	6.4014	14.153	.01283	.08299	.52263

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63556	.91329	23.715	26.924	.00081	-.00452
SDev	.00264	.00352	.131	.039	.00312	.00030
%RSD	.41513	.38584	.55412	.14649	383.69	6.6479
#1	.63742	.91578	23.808	26.896	-.00139	-.00430
#2	.63369	.91079	23.622	26.952	.00302	-.00473

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39516	--	--	--	--	--	--
SDev	287.7924	--	--	--	--	--	--
%RSD	.7283027	--	--	--	--	--	--
#1	39312	--	--	--	--	--	--
#2	39719	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-b-1-b du Operator: DCL
Run Time: 04/24/12 16:04:26
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.81	.26228	.21823	.73049	.00624	.14695	.01024
SDev	.26	.00002	.00029	.00113	.00002	.00062	.00017
%RSD	.24776	.00765	.13154	.15521	.25976	.42190	1.7017
#1	104.00	.26226	.21802	.73130	.00625	.14651	.01011
#2	103.63	.26229	.21843	.72969	.00623	.14738	.01036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1742.6	.28182	.06136	.54008	180.75	.09851	75.346
SDev	6.8	.00097	.00037	.00113	.34	.00026	.225
%RSD	.39249	.34255	.60177	.20991	.18565	.26001	.29885
#1	1747.4	.28250	.06163	.54089	180.98	.09869	75.505
#2	1737.7	.28113	.06110	.53928	180.51	.09833	75.187

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	24.376	4.2123	.08284	.31719	31.897	10.145
SDev	.00349	.069	.0082	.00537	.00102	.088	.105
%RSD	237.68	.28232	.19456	6.4813	.32217	.27456	1.0318

#1	.00100	24.424	4.2181	.08664	.31791	31.959	10.071
#2	-.00394	24.327	4.2065	.07904	.31646	31.835	10.219

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	6.1323	7.2904	14.479	.01378	.04394	.62381
SDev	.00063	.0657	.0216	.001	.00009	.00092	.00090
%RSD	57.739	1.0717	.29644	.00587	.63442	2.0899	.14379
#1	-.00064	6.1788	7.3057	14.478	.01372	.04459	.62445
#2	-.00153	6.0858	7.2752	14.479	.01384	.04329	.62318

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70928	.81246	68.586	78.726	-.00154	-.00144
SDev	.00093	.00165	.311	.182	.00586	.00231
%RSD	.13160	.20362	.45407	.23122	381.22	160.81
#1	.70994	.81363	68.807	78.854	.00261	.00020
#2	.70862	.81129	68.366	78.597	-.00568	-.00307

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40640	--	--	--	--	--	--
SDev	139.3000	--	--	--	--	--	--
%RSD	.3427616	--	--	--	--	--	--
#1	40542	--	--	--	--	--	--
#2	40739	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-b-1-c ms Operator: DCL

Run Time: 04/24/12 16:08:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	148.97	.46914	1.0408	1.6673	.35477	.92631	.38096
SDev	.07	.00273	.0005	.0004	.00027	.00162	.00003
%RSD	.04665	.58162	.04770	.02123	.07680	.17469	.00899
#1	149.02	.47107	1.0412	1.6676	.35497	.92517	.38099
#2	148.92	.46721	1.0405	1.6671	.35458	.92746	.38094

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1712.0	1.0530	.76805	1.3301	206.80	.62938	12.267
SDev	3.7	.0013	.00067	.0001	.20	.00008	.002
%RSD	.21517	.12279	.08769	.01027	.09633	.01278	.01586
#1	1714.6	1.0539	.76852	1.3302	206.95	.62932	12.265
#2	1709.4	1.0521	.76757	1.3300	206.66	.62944	12.268

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73801	33.893	4.8364	.83616	1.0346	50.715	8.9819
SDev	.00304	.022	.0049	.00040	.0023	.006	.0567
%RSD	.41150	.06496	.10183	.04769	.22538	.01196	.63090
#1	.73587	33.909	4.8399	.83588	1.0362	50.711	8.9418
#2	.74016	33.878	4.8330	.83645	1.0329	50.719	9.0219

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44872	16.707	19.646	14.963	.87547	.72974	1.1141
SDev	.00013	.036	.014	.013	.00565	.00394	.0005
%RSD	.02932	.21470	.07354	.08671	.64495	.54057	.04398
#1	.44882	16.733	19.636	14.954	.87148	.73253	1.1145
#2	.44863	16.682	19.656	14.972	.87946	.72695	1.1138

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5530	1.6183	11.247	12.776	.68096	.76654
SDev	.0018	.0005	.027	.016	.00611	.00761
%RSD	.11626	.02875	.23846	.12780	.89689	.99265
#1	1.5543	1.6186	11.266	12.765	.68527	.76116
#2	1.5517	1.6180	11.228	12.788	.67664	.77192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41048	--	--	--	--	--	--
SDev	146.3711	--	--	--	--	--	--
%RSD	.3565896	--	--	--	--	--	--
#1	40944	--	--	--	--	--	--

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 #2      41151     --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53710-b-1-d msd    Operator: DCL
Run Time: 04/24/12 16:12:09
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    145.53    .55688    1.1109    1.5868    .34880    .89094    .38086
 SDev       .10    .00309     .0008     .0021    .00076    .00059    .00044
 %RSD    .06874    .55527    .06799    .12916    .21723    .06622    .11615

 #1      145.60    .55907    1.1115    1.5883    .34934    .89052    .38117
 #2      145.46    .55469    1.1104    1.5854    .34827    .89136    .38055

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1669.0    1.0349    .75287    1.7849    241.85    .61280    27.145
 SDev       9.2     .0021    .00232     .0015       .39    .00018      .137
 %RSD    .55339    .20632    .30767    .08603    .15950    .02897    .50552

Analysis Report                          04/24/12 04:15:57 PM        page 11


 #1      1675.5    1.0364    .75451    1.7860    242.13    .61292    27.242
 #2      1662.4    1.0334    .75123    1.7838    241.58    .61267    27.048

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .72274    33.259    4.4906    .84363    1.0495    49.053    9.0129
 SDev    .00876      .067     .0078    .00196     .0008      .033     .0679
 %RSD    1.2123    .20181    .17411    .23272    .07490    .06680    .75320

 #1      .72894    33.306    4.4961    .84502    1.0500    49.076    8.9649
 #2      .71655    33.211    4.4850    .84225    1.0489    49.030    9.0609

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .43932    16.911    19.594    14.257    .86165    .72133    .99658
 SDev    .00047      .118      .006      .021    .00205    .00112    .00165
 %RSD    .10603    .69694    .02919    .15043    .23780    .15598    .16562

 #1      .43965    16.994    19.598    14.242    .86020    .72213    .99775
 #2      .43899    16.828    19.590    14.272    .86310    .72053    .99541

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.5600    1.7657    24.845    28.295    .66513    .75155
 SDev     .0031     .0015      .097      .157    .00645    .00992
 %RSD    .20064    .08564    .39120    .55571    .97029    1.3194

 #1      1.5622    1.7668    24.914    28.406    .66970    .75856
 #2      1.5578    1.7647    24.776    28.184    .66057    .74454


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    41050     --        --        --        --        --        --
 SDev    347.1894  --        --        --        --        --        --
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%RSD	.8457823	--	--	--	--	--	--
#1	40804	--	--	--	--	--	--
#2	41295	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 16:16:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4982	.53139	.50423	.52956	.45430	.52324	.53532
SDev	.0037	.00108	.00293	.00073	.00008	.00193	.00072
%RSD	.14807	.20266	.58192	.13717	.01726	.36824	.13484
#1	2.4956	.53063	.50215	.52905	.45425	.52187	.53481
#2	2.5008	.53215	.50630	.53008	.45436	.52460	.53583

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.399	.47021	.47154	.47140	2.6272	.50190	.49937
SDev	.024	.00011	.00086	.00059	.0093	.00110	.00173
%RSD	.19022	.02247	.18296	.12531	.35272	.21996	.34734
#1	12.416	.47013	.47093	.47098	2.6207	.50112	.50060
#2	12.382	.47028	.47215	.47182	2.6338	.50268	.49815

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48848	4.7443	.47834	.51199	.49988	13.315	1.0285
SDev	.00188	.0000	.00008	.00059	.00464	.031	.0286
%RSD	.38450	.00031	.01728	.11537	.92746	.22948	2.7836
#1	.48981	4.7443	.47840	.51241	.49661	13.293	1.0487
#2	.48716	4.7443	.47828	.51158	.50316	13.336	1.0083

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24897	13.005	12.983	.26298	.56360	.48818	.50396
SDev	.00079	.274	.056	.00077	.00305	.00033	.00021
%RSD	.31647	2.1038	.42858	.29392	.54167	.06761	.04253
#1	.24842	12.812	12.944	.26243	.56144	.48794	.50411
#2	.24953	13.199	13.022	.26353	.56576	.48841	.50381

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47933	.52896	.45509	.52151	.44318	.51119
SDev	.00004	.00047	.00041	.00240	.00019	.00291
%RSD	.00787	.08833	.08946	.45986	.04378	.57011
#1	.47935	.52863	.45538	.52321	.44304	.51325
#2	.47930	.52929	.45480	.51982	.44332	.50913

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	37752	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0224764	--	--	--	--	--	--
#1	37758	--	--	--	--	--	--
#2	37746	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 16:19:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10707	.00351	.00098	.00009	-.00101	.00071	.00006
SDev	.00126	.00036	.00099	.00011	.00004	.00078	.00019

%RSD	1.1795	10.221	100.94	119.87	3.7991	109.69	313.00
#1	.10796	.00325	.00168	.00017	-.00098	.00126	-.00007
#2	.10618	.00376	.00028	.00001	-.00103	.00016	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02242	.00022	.00033	-.00429	.01450	.00059	.00236
SDev	.00884	.00011	.00055	.00003	.03463	.00010	.00053
%RSD	39.434	47.127	167.04	.67099	238.78	17.151	22.614
#1	.01617	.00015	-.00006	-.00431	-.00998	.00052	.00274
#2	.02867	.00030	.00072	-.00427	.03899	.00066	.00198

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.02044	.00008	.00531	-.00021	.16468	.02190
SDev	.00063	.00885	.00004	.00150	.00056	.06107	.00782
%RSD	57.434	43.293	55.705	28.305	264.14	37.084	35.682
#1	.00065	.01418	.00011	.00637	-.00061	.12150	.02743
#2	.00155	.02670	.00005	.00425	.00018	.20786	.01638

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00802	.01535	.00007	.00245	-.00026	.00006
SDev	.00097	.29187	.00426	.00001	.00337	.00287	.00016
%RSD	578.85	3638.4	27.773	12.967	137.60	1098.4	272.09
#1	-.00052	-.21440	.01233	.00006	.00484	-.00229	.00017
#2	.00085	.19836	.01836	.00008	.00007	.00177	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00049	.00431	.00138	-.00206	.00268
SDev	.00005	.00000	.00038	.00099	.00058	.00124
%RSD	1253.3	.21817	8.7676	71.536	28.069	46.137
#1	-.00004	.00049	.00404	.00208	-.00165	.00181
#2	.00003	.00049	.00458	.00068	-.00247	.00356

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37484	--	--	--	--	--	--
SDev	305.4701	--	--	--	--	--	--
%RSD	.8149347	--	--	--	--	--	--
#1	37700	--	--	--	--	--	--
#2	37268	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53710-b-1-a Operator: DCL
Run Time: 04/24/12 16:23:42
Comment: TRACE 61E

Analysis Report 04/24/12 04:27:30 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.98	1.1126	1.1255	1.5938	.35974	1.0193	.39970
SDev	.26	.0047	.0021	.0041	.00046	.0010	.00045
%RSD	.25602	.42296	.19082	.25715	.12643	.09646	.11293
#1	101.16	1.1159	1.1271	1.5967	.36006	1.0200	.40002
#2	100.80	1.1093	1.1240	1.5909	.35942	1.0186	.39938

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1730.2	.98746	.79624	1.5031	187.76	1.1377	27.086
SDev	3.9	.00114	.00081	.0051	.22	.0045	.235
%RSD	.22626	.11522	.10185	.33972	.11847	.39377	.86725
#1	1727.5	.98826	.79682	1.5067	187.91	1.1408	26.920
#2	1733.0	.98666	.79567	1.4995	187.60	1.1345	27.252

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78820	29.193	4.9374	.88559	1.0753	41.241	7.9903
SDev	.00917	.012	.0068	.00223	.0012	.089	.0343
%RSD	1.1637	.04250	.13812	.25139	.11170	.21659	.42980
#1	.78172	29.202	4.9422	.88716	1.0744	41.304	7.9660
#2	.79469	29.185	4.9326	.88401	1.0761	41.177	8.0146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45519	16.031	19.008	15.023	.90383	.86636	1.3488
SDev	.00151	.010	.067	.054	.00131	.00490	.0022
%RSD	.33163	.06203	.35020	.35672	.14504	.56570	.16053
#1	.45626	16.038	19.055	15.061	.90476	.86983	1.3504
#2	.45413	16.024	18.961	14.985	.90291	.86289	1.3473

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4138	1.7901	24.844	28.206	.72539	.81961
SDev	.0029	.0036	.145	.280	.00537	.01107
%RSD	.20567	.20140	.58519	.99147	.74092	1.3507
#1	1.4158	1.7927	24.741	28.009	.72159	.81178

#2	1.4117	1.7876	24.947	28.404	.72919	.82744

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38734	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.2227165	--	--	--	--	--	--
#1	38795	--	--	--	--	--	--
#2	38673	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53710-b-1-a@5 Operator: DCL
Run Time: 04/24/12 16:27:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.399	.05313	.06504	.16571	.00060	.03210	.00274
SDev	.056	.00342	.00097	.00030	.00000	.00143	.00015
%RSD	.26257	6.4282	1.4972	.18197	.24607	4.4619	5.2774
#1	21.439	.05554	.06435	.16592	.00060	.03311	.00264
#2	21.360	.05071	.06573	.16549	.00060	.03109	.00284

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	647.10	.06109	.01716	.15327	43.753	.02138	6.3903
SDev	1.14	.00022	.00039	.00095	.050	.00009	.0027
%RSD	.17601	.36338	2.2698	.61782	.11483	.40772	.04286
#1	647.91	.06125	.01689	.15394	43.788	.02144	6.3922
#2	646.30	.06093	.01744	.15260	43.717	.02132	6.3884

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	5.4728	1.0307	.01955	.08536	5.4518	1.7034
SDev	.00145	.0109	.0019	.00174	.00014	.0139	.0150
%RSD	155.85	.19935	.18223	8.9047	.16287	.25419	.88303
#1	-.00009	5.4805	1.0320	.02078	.08546	5.4616	1.7140
#2	.00196	5.4651	1.0294	.01832	.08526	5.4420	1.6927

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.99338	1.3198	2.8190	.00234	.02128	.12402
SDev	.00053	.15286	.0053	.0031	.00148	.00175	.00044
%RSD	102.83	15.388	.40092	.11109	63.539	8.2127	.35401
#1	-.00089	.88529	1.3235	2.8212	.00338	.02251	.12433
#2	-.00014	1.1015	1.3160	2.8168	.00129	.02004	.12371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15455	.22142	5.8262	6.6724	-.00304	.00292
SDev	.00066	.00019	.0195	.0139	.00036	.00235

%RSD	.42525	.08663	.33486	.20777	11.685	80.674
#1	.15501	.22156	5.8124	6.6822	-.00279	.00125
#2	.15408	.22128	5.8400	6.6626	-.00329	.00458

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37300	--	--	--	--	--	--

SDev	14.84924	--	--	--	--	--	--
%RSD	.0398108	--	--	--	--	--	--
#1	37310	--	--	--	--	--	--
#2	37289	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 16:31:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5266	.53666	.51019	.53663	.46123	.52835	.54411
SDev	.0491	.01127	.00814	.00985	.00944	.00855	.01006
%RSD	1.9415	2.0999	1.5946	1.8361	2.0464	1.6185	1.8486
#1	2.4920	.52870	.50443	.52966	.45456	.52230	.53700
#2	2.5613	.54463	.51594	.54360	.46791	.53440	.55122

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.510	.47772	.47898	.47630	2.6745	.50797	.50425
SDev	.222	.01016	.00904	.00755	.0494	.00792	.00443
%RSD	1.7728	2.1276	1.8879	1.5844	1.8478	1.5597	.87882
#1	12.354	.47054	.47259	.47096	2.6396	.50237	.50112
#2	12.667	.48491	.48538	.48163	2.7095	.51357	.50739

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49273	4.8406	.48608	.51465	.51225	13.539	1.0026
SDev	.00444	.1078	.00949	.01183	.00820	.259	.0127
%RSD	.90053	2.2269	1.9530	2.2978	1.6003	1.9098	1.2661
#1	.48960	4.7644	.47936	.50629	.50646	13.356	.99358
#2	.49587	4.9168	.49279	.52301	.51805	13.722	1.0115

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25237	13.355	13.071	.26728	.57600	.49661	.51170
SDev	.00464	.191	.133	.00506	.01430	.01164	.01030
%RSD	1.8377	1.4327	1.0200	1.8933	2.4828	2.3442	2.0136
#1	.24910	13.219	12.976	.26370	.56589	.48837	.50442
#2	.25565	13.490	13.165	.27085	.58611	.50484	.51899

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48764	.53631	.45920	.52678	.45138	.51347
SDev	.00985	.01072	.00545	.00392	.00127	.00602
%RSD	2.0196	1.9985	1.1871	.74448	.28133	1.1728
#1	.48068	.52874	.45535	.52400	.45048	.50921
#2	.49461	.54389	.46306	.52955	.45228	.51773

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36710	--	--	--	--	--	--
SDev	876.1053	--	--	--	--	--	--
%RSD	2.386590	--	--	--	--	--	--
#1	37329	--	--	--	--	--	--
#2	36090	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 16:35:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10046	.00373	.00263	-.00002	-.00099	.00037	-.00006
SDev	.00382	.00020	.00088	.00019	.00002	.00042	.00014
%RSD	3.8001	5.4417	33.523	987.88	1.6655	114.89	225.42
#1	.10316	.00387	.00326	.00012	-.00098	.00066	.00004
#2	.09776	.00358	.00201	-.00015	-.00100	.00007	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	-.00044	-.00002	-.00481	.00209	.00050	.00084
SDev	.00341	.00031	.00017	.00069	.01170	.00018	.00052
%RSD	65.132	69.822	800.16	14.390	560.03	36.235	61.363
#1	.00282	-.00022	.00010	-.00432	.01036	.00063	.00121
#2	.00764	-.00066	-.00014	-.00530	-.00618	.00038	.00048

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.01432	-.00001	.00333	-.00019	.14330	.00955
SDev	.00139	.01246	.00008	.00044	.00042	.07541	.00539
%RSD	166.44	87.001	595.12	13.300	216.85	52.623	56.373
#1	.00182	.02312	.00005	.00365	.00010	.19663	.01336
#2	-.00015	.00551	-.00007	.00302	-.00049	.08998	.00575

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.15846	.01260	-.00002	.00051	-.00044	-.00013
SDev	.00028	.14414	.00496	.00005	.00409	.00211	.00026
%RSD	116.09	90.965	39.319	237.43	806.80	481.50	191.89
#1	-.00004	-.05654	.01611	.00001	.00340	.00106	.00005

#2	-.00044	-.26039	.00910	-.00006	-.00239	-.00193	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00039	.00179	.00037	-.00273	.00262
SDev	.00028	.00015	.00102	.00026	.00328	.00373
%RSD	104.16	37.915	57.070	71.786	119.98	142.24

Analysis Report 04/24/12 04:39:07 PM page 18

#1	-.00007	.00050	.00251	.00056	-.00505	.00526
#2	-.00047	.00029	.00107	.00018	-.00041	-.00002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37588	--	--	--	--	--	--
SDev	342.9468	--	--	--	--	--	--
%RSD	.9123716	--	--	--	--	--	--
#1	37346	--	--	--	--	--	--
#2	37831	--	--	--	--	--	--

Analysis Report 04/24/12 04:48:36 PM page 1

Method: 20076010 Sample Name: 600-53663-a-1-b Operator: DCL
Run Time: 04/24/12 16:44:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1128	.00228	.01391	.03626	-.00060	.02082	-.00020
SDev	.0203	.00421	.00363	.00063	.00000	.00198	.00011
%RSD	.65278	184.95	26.108	1.7383	.21456	9.5284	56.934
#1	3.0985	-.00070	.01134	.03581	-.00061	.01941	-.00027
#2	3.1272	.00525	.01647	.03670	-.00060	.02222	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1905.7	.04354	.00408	.02617	13.007	.00855	.00680
SDev	24.8	.00235	.00006	.00196	.096	.00020	.00141
%RSD	1.3006	5.3964	1.3581	7.4710	.73569	2.3995	20.673
#1	1888.2	.04188	.00412	.02479	12.939	.00841	.00780
#2	1923.2	.04520	.00404	.02755	13.074	.00870	.00581

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	1.7860	.08306	.01452	.07706	2.4497	2.5445
SDev	.00056	.0274	.00077	.00080	.00106	.1114	.0168
%RSD	45.074	1.5343	.92375	5.5151	1.3722	4.5460	.66171
#1	.00164	1.7666	.08251	.01395	.07631	2.3709	2.5326
#2	.00085	1.8053	.08360	.01508	.07780	2.5284	2.5564

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00112	.86605	.60258	.76837	.00211	.03330	.03409
SDev	.00030	.01678	.00383	.00288	.00053	.00214	.00027
%RSD	27.019	1.9372	.63540	.37453	25.361	6.4293	.80042
#1	.00133	.87791	.59988	.76634	.00249	.03179	.03389
#2	.00090	.85419	.60529	.77041	.00173	.03482	.03428

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63702	.04614	.01848	.00096	.01782	-.00704
SDev	.00540	.00032	.00329	.00375	.00518	.00343
%RSD	.84750	.68272	17.796	390.59	29.059	48.704
#1	.63320	.04592	.01616	.00362	.01416	-.00462
#2	.64084	.04637	.02081	-.00169	.02148	-.00947

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31754	--	--	--	--	--	--
SDev	494.9748	--	--	--	--	--	--
%RSD	1.558779	--	--	--	--	--	--

#1	32104	--	--	--	--	--	--
#2	31404	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53842-a-1-b Operator: DCL
Run Time: 04/24/12 16:48:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.390	1.0615	2.0042	95.002	.00096	-.00134	.01005
SDev	.046	.0107	.0074	.280	.00000	.00021	.00040
%RSD	.28190	1.0126	.37136	.29516	.00707	15.538	3.9627
#1	16.423	1.0539	2.0095	95.200	.00096	-.00149	.01034
#2	16.358	1.0691	1.9990	94.804	.00096	-.00120	.00977

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.086	.16644	.11699	1.7007	211.12	.02567	21.477
SDev	.061	.00035	.00074	.0044	.69	.00009	.131
%RSD	.37676	.20798	.63040	.25888	.32578	.36500	.61163
#1	16.129	.16668	.11751	1.7038	211.61	.02574	21.570
#2	16.043	.16619	.11647	1.6976	210.63	.02560	21.384

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01104	1.1313	23.268	.04276	.12521	2.1877	2.2625
SDev	.00049	.0101	.081	.00132	.00091	.0252	.0056
%RSD	4.4227	.88983	.34709	3.0816	.72741	1.1501	.24844
#1	-.01138	1.1384	23.325	.04369	.12585	2.2055	2.2665
#2	-.01069	1.1242	23.211	.04183	.12456	2.1699	2.2585

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02777	.44055	.26709	4.4991	.02400	.02700	.15244
SDev	.00067	.19914	.00184	.0137	.00017	.00157	.00034
%RSD	2.4171	45.203	.68954	.30372	.71896	5.8277	.22207
#1	.02824	.58137	.26840	4.5088	.02388	.02589	.15268
#2	.02730	.29974	.26579	4.4894	.02412	.02812	.15220

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09697	5.1213	19.658	22.386	-.02770	-.00270
SDev	.00024	.0177	.105	.145	.00430	.00142
%RSD	.24701	.34624	.53273	.64627	15.524	52.472
#1	.09714	5.1339	19.732	22.488	-.03074	-.00170
#2	.09680	5.1088	19.584	22.284	-.02466	-.00371

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 04:52:27 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34527	--	--	--	--	--	--
SDev	162.6346	--	--	--	--	--	--
%RSD	.4710359	--	--	--	--	--	--
#1	34412	--	--	--	--	--	--
#2	34642	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53842-a-2-b Operator: DCL
Run Time: 04/24/12 16:52:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.154	.07187	.10809	82.630	.00044	.02779	.02842
SDev	.068	.00735	.00140	.152	.00001	.00064	.00010
%RSD	.24961	10.224	1.2971	.18395	3.1875	2.3110	.33785
#1	27.202	.07707	.10908	82.738	.00045	.02824	.02849
#2	27.106	.06668	.10710	82.523	.00043	.02733	.02835

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.13	.07459	.03068	1.1444	39.527	.01555	2.3969
SDev	.22	.00012	.00021	.0014	.061	.00003	.0002
%RSD	.14609	.16585	.67556	.12627	.15548	.16961	.00738
#1	153.29	.07468	.03083	1.1454	39.570	.01557	2.3968
#2	152.97	.07450	.03053	1.1433	39.483	.01553	2.3971

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	4.1507	2.7720	.01047	.05377	6.9864	4.8356
SDev	.00046	.0027	.0034	.00042	.00006	.0198	.0186
%RSD	37.516	.06611	.12406	4.0163	.10762	.28382	.38428

#1	.00090	4.1526	2.7745	.01077	.05373	7.0004	4.8487
#2	.00155	4.1487	2.7696	.01018	.05381	6.9724	4.8225

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01387	1.0785	.94267	5.2209	-.00297	.02809	.26611
SDev	.00040	.0125	.00251	.0086	.00322	.00025	.00013
%RSD	2.8758	1.1604	.26618	.16456	108.71	.89720	.04979

#1	.01415	1.0874	.94445	5.2269	-.00069	.02791	.26620
#2	.01358	1.0697	.94090	5.2148	-.00525	.02827	.26601

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13370	4.3544	2.2014	2.4947	-.00669	.00518
SDev	.00050	.0062	.0160	.0083	.00534	.00198
%RSD	.37229	.14248	.72671	.33125	79.828	38.286

#1	.13406	4.3588	2.2127	2.4889	-.01047	.00658

#2	.13335	4.3500	2.1900	2.5006	-.00292	.00378

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37122	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--

#1	37122	--	--	--	--	--	--
#2	37122	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53842-a-3-b Operator: DCL
Run Time: 04/24/12 16:56:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.142	.09456	.43243	86.619	.00343	.02424	-.00565
SDev	.015	.00152	.00031	.147	.00001	.00000	.00011
%RSD	.08076	1.6063	.07078	.16979	.15316	.00189	2.0048

#1	18.153	.09349	.43221	86.723	.00344	.02424	-.00573
#2	18.132	.09563	.43265	86.515	.00343	.02424	-.00557

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.95	.07976	.06877	3.3273	330.10	.01701	10.282
SDev	.28	.00022	.00080	.0029	.83	.00004	.025
%RSD	.24671	.27765	1.1596	.08620	.25188	.25760	.24788

#1	114.15	.07991	.06933	3.3293	330.69	.01704	10.300
#2	113.75	.07960	.06821	3.3252	329.51	.01698	10.264

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01250	5.7187	18.081	.01614	.08936	6.6973	3.3548

SDev	.00063	.0202	.045	.00015	.00046	.0142	.0097
%RSD	5.0049	.35396	.25120	.96322	.51243	.21145	.29020
#1	-.01294	5.7330	18.113	.01625	.08969	6.7074	3.3617
#2	-.01206	5.7044	18.049	.01603	.08904	6.6873	3.3480

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01513	1.8315	1.8196	4.8051	.01900	.02780	.17434
SDev	.00015	.1291	.0033	.0045	.00095	.00148	.00052
%RSD	1.0232	7.0477	.18244	.09390	5.0206	5.3294	.29918
#1	.01524	1.9228	1.8172	4.8082	.01832	.02675	.17470
#2	.01502	1.7402	1.8219	4.8019	.01967	.02885	.17397

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14541	2.5813	9.4454	10.700	-.02835	-.00457

SDev	.00049	.0038	.0640	.006	.00498	.00343
%RSD	.33553	.14609	.67729	.05835	17.566	74.943
#1	.14575	2.5840	9.4906	10.705	-.02483	-.00700
#2	.14506	2.5787	9.4001	10.696	-.03187	-.00215

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35342	--	--	--	--	--	--
SDev	172.5341	--	--	--	--	--	--
%RSD	.4881842	--	--	--	--	--	--
#1	35220	--	--	--	--	--	--
#2	35464	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 17:00:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5197	.53964	.51558	.54108	.46585	.52835	.54787
SDev	.0047	.00458	.00139	.00284	.00073	.00138	.00076
%RSD	.18842	.84921	.26880	.52438	.15676	.26052	.13782
#1	2.5231	.54288	.51460	.54308	.46637	.52932	.54841
#2	2.5163	.53640	.51656	.53907	.46533	.52737	.54734

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.573	.48233	.48446	.47620	2.6894	.50615	.50416
SDev	.021	.00178	.00068	.00135	.0135	.00134	.00318
%RSD	.17014	.37002	.14032	.28281	.50045	.26496	.63002
#1	12.588	.48359	.48494	.47715	2.6990	.50709	.50641
#2	12.558	.48107	.48398	.47524	2.6799	.50520	.50192

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48784	4.9424	.49008	.52018	.52345	13.643	.97212
SDev	.00322	.0050	.00129	.00066	.00156	.027	.00617
%RSD	.66027	.10171	.26234	.12731	.29755	.19657	.63452
#1	.49012	4.9459	.49099	.51971	.52455	13.662	.97648
#2	.48556	4.9388	.48917	.52065	.52235	13.624	.96776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25343	13.181	12.891	.26778	.57434	.50172	.51398
SDev	.00060	.031	.053	.00048	.00328	.00075	.00142
%RSD	.23555	.23376	.41132	.17915	.57070	.14902	.27638
#1	.25385	13.159	12.928	.26812	.57202	.50225	.51499
#2	.25301	13.203	12.853	.26744	.57666	.50119	.51298

Analysis Report 04/24/12 05:04:01 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49081	.54070	.46149	.52550	.44808	.50778
SDev	.00091	.00165	.00194	.00380	.00412	.00277
%RSD	.18596	.30538	.41960	.72242	.91912	.54602
#1	.49145	.54187	.46286	.52818	.45100	.50974
#2	.49016	.53953	.46012	.52281	.44517	.50582

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35254	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1624680	--	--	--	--	--	--
#1	35294	--	--	--	--	--	--
#2	35213	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 17:04:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10192	.00424	.00132	.00084	-.00106	.00032	-.00011
SDev	.00109	.00369	.00291	.00026	.00003	.00024	.00016
%RSD	1.0715	87.221	220.77	30.323	2.8651	76.010	144.99
#1	.10115	.00685	.00338	.00066	-.00104	.00049	.00000
#2	.10269	.00162	-.00074	.00102	-.00108	.00015	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00946	.00009	.00026	-.00421	.00351	.00143	.00039
SDev	.00048	.00045	.00057	.00004	.03313	.00004	.00094
%RSD	5.0977	481.73	219.43	.95047	944.18	2.8481	241.24
#1	-.00912	.00041	.00066	-.00424	.02693	.00146	-.00027
#2	-.00980	-.00023	-.00014	-.00419	-.01991	.00140	.00105

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	.08513	.00011	.00252	.00012	.60874	-.00343
SDev	.00066	.00186	.00000	.00128	.00082	.00132	.00141
%RSD	77.097	2.1799	.34272	50.861	679.24	.21695	40.987
#1	-.00133	.08645	.00011	.00343	.00070	.60967	-.00244
#2	-.00039	.08382	.00011	.00161	-.00046	.60780	-.00442

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.12344	.04525	-.00006	-.00367	-.00001	-.00017
SDev	.00079	.23372	.00117	.00004	.00293	.00235	.00023

%RSD	10006.	189.33	2.5738	63.936	79.867	41270.	131.15
#1	.00055	.04182	.04607	-.00003	-.00160	.00166	-.00001
#2	-.00057	-.28870	.04442	-.00009	-.00574	-.00167	-.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00028	.00082	.00017	-.00585	.00163
SDev	.00039	.00005	.00024	.00128	.00663	.00232
%RSD	107.70	18.724	29.482	744.63	113.44	142.09
#1	-.00009	.00032	.00065	-.00074	-.01054	.00328
#2	-.00063	.00024	.00099	.00108	-.00116	-.00001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34962	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2730416	--	--	--	--	--	--
#1	35029	--	--	--	--	--	--
#2	34894	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/24/12 17:07:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	487.42	.00660	.00052	.00258	-.00127	-.00060	-.00803
SDev	1.98	.00167	.00086	.00007	.00000	.00064	.00002
%RSD	.40632	25.369	165.79	2.8187	.22662	106.00	.20141
#1	488.82	.00541	.00113	.00263	-.00128	-.00105	-.00804
#2	486.02	.00778	-.00009	.00253	-.00127	-.00015	-.00802

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.19	.00204	-.00005	.00886	201.17	.00584	.00074
SDev	1.90	.00003	.00000	.00011	.84	.00015	.00071
%RSD	.41823	1.3031	7.2290	1.2825	.42001	2.5923	95.195

#1	454.53	.00206	-.00005	.00878	201.77	.00595	.00024
#2	451.85	.00202	-.00004	.00894	200.58	.00573	.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01167	492.49	-.00695	-.00031	.00022	.73131	.00936
SDev	.00356	1.98	.00008	.00140	.00046	.02224	.00035
%RSD	30.545	.40104	1.1415	449.34	206.95	3.0406	3.7764

#1	-.00915	493.89	-.00700	.00068	-.00010	.74704	.00961
#2	-.01418	491.10	-.00689	-.00130	.00054	.71559	.00911

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.22561	.23908	-.00890	.01507	-.00549	-.00358
SDev	.00049	.05404	.00279	.00008	.00462	.00138	.00019
%RSD	332.71	23.955	1.1664	.94627	30.630	25.084	5.4185

#1	.00020	.26383	.24105	-.00896	.01833	-.00647	-.00344
#2	-.00049	.18740	.23711	-.00884	.01180	-.00452	-.00371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	-.00733	.00326	-.00052	-.00798	-.01351
SDev	.00003	.00039	.00414	.00313	.00868	.00101
%RSD	.63765	5.3415	126.95	600.03	108.77	7.4493

#1	.00426	-.00760	.00619	-.00273	-.00184	-.01280
#2	.00422	-.00705	.00033	.00169	-.01411	-.01422

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32094	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.3282874	--	--	--	--	--	--

#1	32019	--	--	--	--	--	--
#2	32168	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/24/12 17:11:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.46	1.1175	1.0516	1.1274	.46168	1.1157	.50821
SDev	1.59	.0097	.0004	.0034	.00105	.0046	.00200
%RSD	.31491	.86359	.04188	.30126	.22649	.41304	.39397

#1	504.58	1.1243	1.0519	1.1298	.46242	1.1190	.50963
#2	502.34	1.1106	1.0513	1.1250	.46094	1.1125	.50680

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.26	.95739	.91842	1.0282	213.38	1.2687	1.0039
SDev	.91	.00208	.00312	.0042	.56	.0054	.0068

%RSD	.19503	.21741	.33949	.40914	.26474	.42685	.68166
#1	465.90	.95886	.92062	1.0312	213.78	1.2725	.99902
#2	464.62	.95592	.91621	1.0252	212.98	1.2648	1.0087
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97739	508.86	.98188	1.0381	.97180	15.686	1.0524
SDev	.01014	1.28	.00246	.0019	.00255	.048	.0027
%RSD	1.0373	.25067	.25071	.18036	.26255	.30885	.25331

#1	.97023	509.77	.98362	1.0368	.97361	15.720	1.0543
#2	.98456	507.96	.98014	1.0394	.97000	15.652	1.0505
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55779	12.488	14.212	.54081	1.1538	.99468	1.0377
SDev	.00086	.125	.075	.00148	.0027	.00832	.0031
%RSD	.15375	1.0037	.53084	.27299	.23740	.83685	.30225
#1	.55840	12.577	14.266	.54185	1.1557	1.0006	1.0399
#2	.55719	12.399	14.159	.53976	1.1519	.98880	1.0355
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.98344	1.0817	.92543	1.0431	.91535	1.0084	
SDev	.00217	.0030	.00398	.0083	.01229	.0214	
%RSD	.22089	.27848	.42995	.79332	1.3428	2.1175	
#1	.98498	1.0839	.92261	1.0372	.92405	.99332	
#2	.98191	1.0796	.92824	1.0489	.90666	1.0235	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32048	--	--	--	--	--	--
SDev	51.61879	--	--	--	--	--	--
%RSD	.1610646	--	--	--	--	--	--
#1	32085	--	--	--	--	--	--
#2	32012	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-77829/1-a Operator: DCL
Run Time: 04/24/12 17:21:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11061	.00516	.00328	.00181	-.00105	.00074	-.00015
SDev	.00077	.00164	.00046	.00006	.00002	.00026	.00006
%RSD	.70070	31.918	14.038	3.2963	1.9118	34.539	41.926
#1	.11115	.00399	.00295	.00185	-.00103	.00092	-.00010
#2	.11006	.00632	.00360	.00177	-.00106	.00056	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01003	.00077	.00002	-.00282	.00005	.00113	.00089
SDev	.00555	.00004	.00006	.00004	.00351	.00002	.00138
%RSD	55.359	4.7061	366.35	1.2522	7496.7	2.0375	155.57
#1	-.01395	.00079	.00006	-.00284	-.00244	.00115	.00187
#2	-.00610	.00074	-.00003	-.00279	.00253	.00111	-.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.07282	.00022	.00109	-.00030	.43658	-.00368
SDev	.00116	.00486	.00011	.00013	.00010	.00145	.00074
%RSD	109.67	6.6780	50.612	11.824	32.587	.33248	20.183
#1	.00024	.07626	.00014	.00100	-.00023	.43761	-.00420
#2	.00187	.06938	.00030	.00118	-.00036	.43556	-.00315

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	-.08752	.02439	-.00006	-.00264	.00014	.00021
SDev	.00102	.11368	.00021	.00001	.00001	.00075	.00011
%RSD	358.72	129.89	.86430	15.138	.29562	541.62	50.901
#1	-.00100	-.00714	.02424	-.00007	-.00263	-.00039	.00014
#2	.00044	-.16790	.02454	-.00005	-.00264	.00067	.00029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	-.00092	.00023	.00122	-.00568	.00442
SDev	.00022	.00028	.00313	.00051	.00023	.00162
%RSD	60.261	30.481	1355.6	41.879	3.9850	36.683
#1	.00052	-.00111	.00245	.00158	-.00584	.00328
#2	.00021	-.00072	-.00198	.00086	-.00552	.00557

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35846	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0690409	--	--	--	--	--	--

Analysis Report 04/24/12 05:25:20 PM page 2

#1	35864	--	--	--	--	--	--
#2	35829	--	--	--	--	--	--

Analysis Report 04/24/12 05:29:36 PM page 1

Method: 20076010 Sample Name: lcs 600-77829/2-a Operator: DCL
Run Time: 04/24/12 17:25:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6592	1.0629	1.0100	1.0657	.45927	1.0468	.53696

SDev	.0404	.0018	.0006	.0037	.00170	.0003	.00240
%RSD	.41833	.16540	.05535	.34808	.37132	.03314	.44736
#1	9.6878	1.0617	1.0096	1.0683	.46047	1.0466	.53866
#2	9.6306	1.0641	1.0104	1.0631	.45806	1.0471	.53526

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8494	.95379	.95972	.95080	10.430	.50221	.99585
SDev	.0451	.00396	.00310	.00271	.020	.00186	.00367
%RSD	.45743	.41522	.32293	.28513	.19572	.37019	.36900
#1	9.8813	.95659	.96191	.95271	10.445	.50352	.99845
#2	9.8176	.95099	.95753	.94888	10.416	.50089	.99325

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96405	9.6782	.97801	1.0390	1.0326	10.926	.96471
SDev	.00305	.0518	.00412	.0007	.0080	.064	.00579
%RSD	.31642	.53532	.42112	.06336	.77132	.58520	.59977
#1	.96189	9.7148	.98092	1.0394	1.0382	10.971	.96880
#2	.96620	9.6415	.97510	1.0385	1.0270	10.881	.96061

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50861	9.8998	10.359	.53573	1.1362	.98259	1.0078
SDev	.00161	.0123	.026	.00216	.0100	.00416	.0039
%RSD	.31572	.12425	.24737	.40317	.87598	.42308	.39011
#1	.50974	9.9085	10.377	.53726	1.1291	.98553	1.0106
#2	.50747	9.8911	10.341	.53420	1.1432	.97965	1.0050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96832	1.0588	.91416	1.0367	.88856	1.0018
SDev	.00427	.0033	.00122	.0049	.00357	.0064
%RSD	.44080	.30755	.13377	.47271	.40197	.63501
#1	.97134	1.0611	.91503	1.0402	.89108	.99729
#2	.96530	1.0565	.91330	1.0332	.88603	1.0063

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36608	--	--	--	--	--	--
SDev	228.3955	--	--	--	--	--	--
%RSD	.6238865	--	--	--	--	--	--

Analysis Report 04/24/12 05:29:36 PM page 2

#1	36447	--	--	--	--	--	--
#2	36770	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53341-a-1-a Operator: DCL
Run Time: 04/24/12 17:29:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88433	.00588	.00282	.05338	-.00094	.03362	-.00035
SDev	.00290	.00092	.00085	.00005	.00001	.00036	.00015
%RSD	.32763	15.629	30.172	.08456	.71296	1.0552	42.334
#1	.88638	.00653	.00222	.05341	-.00094	.03387	-.00025
#2	.88228	.00523	.00342	.05335	-.00095	.03337	-.00046

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5584	.00159	.00091	.02159	7.5821	.00411	.02170
SDev	.0090	.00000	.00021	.00032	.0013	.00002	.00150
%RSD	.09453	.14205	22.751	1.4866	.01668	.47403	6.9269
#1	9.5648	.00159	.00105	.02182	7.5830	.00410	.02276
#2	9.5520	.00159	.00076	.02136	7.5813	.00412	.02063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	1.2471	.05908	.00590	.00126	1.7875	1.6805
SDev	.00093	.0006	.00008	.00090	.00071	.0091	.0029
%RSD	38.212	.04878	.13043	15.301	56.508	.51181	.17379
#1	.00177	1.2475	.05914	.00654	.00075	1.7811	1.6826
#2	.00308	1.2466	.05903	.00527	.00176	1.7940	1.6784

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	12.026	11.278	1.3715	.00259	.00054	.01299
SDev	.00008	.109	.012	.0024	.00211	.00088	.00002
%RSD	63.900	.90748	.11075	.17370	81.667	164.28	.12619
#1	.00007	12.103	11.286	1.3732	.00408	-.00009	.01298
#2	.00018	11.949	11.269	1.3698	.00109	.00116	.01300

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	.18327	.02101	.02204	-.00281	.00504
SDev	.00036	.00014	.00224	.00113	.00002	.00138
%RSD	11.535	.07649	10.652	5.1515	.64732	27.367
#1	.00333	.18337	.02259	.02284	-.00283	.00407
#2	.00283	.18317	.01943	.02124	-.00280	.00602

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 05:33:26 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37255	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.1594336	--	--	--	--	--	--
#1	37297	--	--	--	--	--	--
#2	37213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53341-a-2-a Operator: DCL
Run Time: 04/24/12 17:33:30

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27315	.00403	.00185	.02322	-.00105	.10542	-.00098
SDev	.00157	.00078	.00116	.00003	.00002	.00007	.00013
%RSD	.57605	19.323	62.621	.14046	1.7443	.06813	13.656
#1	.27204	.00348	.00103	.02320	-.00107	.10537	-.00108
#2	.27426	.00458	.00266	.02325	-.00104	.10547	-.00089

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.412	.00153	.00406	.01817	39.554	.02039	.00537
SDev	.033	.00051	.00005	.00012	.047	.00006	.00052
%RSD	.08030	33.542	1.1026	.65720	.11789	.27149	9.6611
#1	41.436	.00117	.00409	.01808	39.587	.02035	.00501
#2	41.389	.00189	.00403	.01825	39.521	.02043	.00574

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	8.7480	1.0331	.00694	.13187	4.0078	2.8772
SDev	.00073	.0010	.0011	.00069	.00029	.0338	.0025
%RSD	37.146	.01122	.10914	9.9875	.21962	.84392	.08762
#1	-.00247	8.7473	1.0339	.00645	.13208	3.9839	2.8790
#2	-.00144	8.7487	1.0323	.00743	.13167	4.0317	2.8754

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	114.64	98.676	3.5039	.00084	.00206	.00060
SDev	.00081	.04	.139	.0051	.00118	.00134	.00004
%RSD	871.52	.03566	.14130	.14581	140.55	65.390	6.2195
#1	-.00048	114.61	98.775	3.5075	.00167	.00111	.00057
#2	.00067	114.67	98.578	3.5003	.00001	.00301	.00063

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.06466	.00560	.00526	-.00493	-.00047
SDev	.00045	.00019	.00071	.00113	.00737	.00260
%RSD	26.463	.29472	12.626	21.507	149.67	555.62
#1	.00138	.06453	.00610	.00446	-.01014	.00137

Analysis Report 04/24/12 05:37:19 PM page 4

#2	.00201	.06480	.00510	.00606	.00029	-.00230

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36259	--	--	--	--	--	--
SDev	186.6762	--	--	--	--	--	--
%RSD	.5148410	--	--	--	--	--	--
#1	36391	--	--	--	--	--	--
#2	36127	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-a Operator: DCL
Run Time: 04/24/12 17:37:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34787	.00535	.01335	.38554	-.00114	.44962	-.00005
SDev	.00408	.00287	.00080	.00123	.00002	.00003	.00007
%RSD	1.1720	53.683	5.9808	.31789	1.8086	.00723	142.89
#1	.35075	.00738	.01278	.38641	-.00116	.44959	.00000
#2	.34498	.00332	.01391	.38468	-.00113	.44964	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.302	.00100	.00311	-.00006	.10146	.05399	.00127
SDev	.133	.00029	.00058	.00026	.00103	.00018	.00003
%RSD	.23176	28.850	18.713	450.60	1.0184	.34076	2.4112
#1	57.396	.00121	.00352	-.00024	.10219	.05386	.00125
#2	57.208	.00080	.00270	.00012	.10073	.05412	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07522	14.836	.07543	.04744	.00593	99.598	6.1820
SDev	.00189	.038	.00006	.00076	.00076	.263	.0026
%RSD	2.5117	.25865	.07421	1.6087	12.727	.26424	.04153
#1	.07656	14.863	.07547	.04798	.00647	99.785	6.1838
#2	.07389	14.809	.07539	.04690	.00540	99.412	6.1802

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	1731.6	796.21	1.5755	.00096	.00129	.00020
SDev	.00035	3.7	2.15	.0039	.00136	.00015	.00024
%RSD	113.70	.21600	.27024	.24678	141.58	11.645	119.69
#1	.00055	1734.2	797.73	1.5783	-.00000	.00118	.00037
#2	.00006	1728.9	794.68	1.5728	.00192	.00140	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01436	.04275	.00144	.00119	.07023	.07772

SDev	.00026	.00011	.00035	.00022	.00230	.00398
%RSD	1.7826	.25869	24.054	18.460	3.2787	5.1276
#1	.01454	.04267	.00169	.00103	.06860	.08054
#2	.01418	.04282	.00120	.00134	.07185	.07490

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34180	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1365391	--	--	--	--	--	--
#1	34147	--	--	--	--	--	--

#2	34213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-b du Operator: DCL
Run Time: 04/24/12 17:41:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36924	.00392	.01337	.39987	-.00115	.46320	-.00007
SDev	.02427	.00158	.00151	.01915	.00007	.02068	.00008
%RSD	6.5723	40.258	11.322	4.7899	6.2424	4.4649	129.88
#1	.35208	.00503	.01230	.38632	-.00110	.44858	-.00001
#2	.38640	.00280	.01444	.41341	-.00120	.47783	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.363	.00107	.00311	-.00002	.11744	.05652	-.00053
SDev	2.786	.00000	.00007	.00054	.00458	.00304	.00103
%RSD	4.6934	.08652	2.3808	3338.3	3.9006	5.3718	195.72
#1	57.393	.00107	.00317	.00036	.12068	.05438	.00020
#2	61.333	.00107	.00306	-.00040	.11420	.05867	-.00126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07687	15.393	.07775	.05051	.00643	102.99	6.4630
SDev	.00093	.749	.00364	.00306	.00055	4.66	.3172
%RSD	1.2066	4.8685	4.6883	6.0571	8.5117	4.5215	4.9084
#1	.07752	14.863	.07517	.04834	.00604	99.694	6.2387
#2	.07621	15.923	.08032	.05267	.00681	106.28	6.6874

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	1794.6	826.40	1.6313	-.00292	-.00109	.00024
SDev	.00030	82.2	37.01	.0780	.00217	.00142	.00018
%RSD	412.59	4.5798	4.4784	4.7791	74.548	130.21	73.227
#1	.00014	1736.5	800.23	1.5762	-.00138	-.00210	.00037
#2	-.00028	1852.7	852.57	1.6864	-.00445	-.00009	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01485	.04242	-.00174	.00008	.07103	.07979
SDev	.00096	.00215	.00201	.00055	.00302	.00012
%RSD	6.4837	5.0640	115.24	691.33	4.2574	.15132
#1	.01417	.04090	-.00032	.00047	.07316	.07970
#2	.01553	.04394	-.00316	-.00031	.06889	.07987

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32994	--	--	--	--	--	--
SDev	1424.113	--	--	--	--	--	--
%RSD	4.316279	--	--	--	--	--	--

#1	34001	--	--	--	--	--	--
#2	31987	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-c ms Operator: DCL
Run Time: 04/24/12 17:45:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.994	1.1198	1.1004	1.4801	.47558	1.5798	.54286
SDev	.027	.0053	.0034	.0031	.00055	.0020	.00069
%RSD	.24818	.47547	.31236	.21182	.11460	.12425	.12673
#1	11.014	1.1236	1.0979	1.4823	.47596	1.5812	.54334
#2	10.975	1.1160	1.1028	1.4779	.47519	1.5785	.54237

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.198	.97502	1.0034	1.0184	10.792	.70028	1.0472
SDev	.086	.00173	.0017	.0034	.006	.00185	.0025
%RSD	.12678	.17718	.16872	.33642	.05587	.26393	.23862
#1	68.259	.97624	1.0046	1.0208	10.788	.70158	1.0489
#2	68.137	.97380	1.0022	1.0160	10.797	.69897	1.0454

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1026	24.948	1.0894	1.1420	1.0646	114.50	7.3708
SDev	.0005	.040	.0018	.0047	.0022	.30	.0102
%RSD	.04733	.16191	.16832	.41281	.21058	.26622	.13854
#1	1.1022	24.976	1.0907	1.1387	1.0630	114.72	7.3780
#2	1.1029	24.919	1.0881	1.1453	1.0661	114.28	7.3636

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54490	1779.2	815.86	2.1676	1.1934	1.0616	1.0471
SDev	.00097	3.0	.95	.0043	.0077	.0055	.0021

%RSD	.17785	.17085	.11610	.19931	.64492	.52143	.19916
#1	.54558	1781.4	816.53	2.1707	1.1880	1.0655	1.0485
#2	.54421	1777.1	815.19	2.1646	1.1988	1.0577	1.0456

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0233	1.1916	.96876	1.0864	1.0235	1.1421
SDev	.0015	.0012	.00137	.0031	.0002	.0007
%RSD	.15006	.10016	.14169	.28185	.02235	.05852
#1	1.0244	1.1925	.96973	1.0885	1.0233	1.1416
#2	1.0222	1.1908	.96779	1.0842	1.0237	1.1426

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33796	--	--	--	--	--	--

SDev	55.86144	--	--	--	--	--	--
%RSD	.1652925	--	--	--	--	--	--
#1	33835	--	--	--	--	--	--
#2	33756	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-d msd Operator: DCL
Run Time: 04/24/12 17:48:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.921	1.1099	1.0915	1.4683	.47345	1.5685	.53892
SDev	.046	.0065	.0016	.0051	.00144	.0053	.00111
%RSD	.41979	.58406	.15034	.34528	.30446	.34038	.20564
#1	10.954	1.1145	1.0926	1.4719	.47447	1.5722	.53970
#2	10.889	1.1053	1.0903	1.4647	.47243	1.5647	.53813

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.805	.96990	.99744	1.0108	10.771	.69344	1.0398
SDev	.209	.00222	.00304	.0028	.066	.00179	.0018
%RSD	.30850	.22934	.30492	.27615	.61013	.25837	.16852
#1	67.953	.97147	.99959	1.0127	10.818	.69471	1.0411
#2	67.658	.96833	.99529	1.0088	10.725	.69217	1.0386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0919	24.816	1.0823	1.1383	1.0562	113.44	7.3728
SDev	.0067	.059	.0034	.0014	.0023	.44	.0208
%RSD	.61402	.23959	.31742	.12495	.22018	.38397	.28248
#1	1.0967	24.858	1.0848	1.1393	1.0578	113.75	7.3875
#2	1.0872	24.774	1.0799	1.1373	1.0546	113.13	7.3580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54171	1766.9	810.99	2.1497	1.1848	1.0583	1.0398
SDev	.00327	7.2	1.66	.0071	.0041	.0040	.0038
%RSD	.60440	.40597	.20521	.32812	.34855	.37666	.36800
#1	.54402	1772.0	812.17	2.1546	1.1818	1.0612	1.0425
#2	.53939	1761.8	809.82	2.1447	1.1877	1.0555	1.0371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0175	1.1825	.96242	1.0786	1.0144	1.1307
SDev	.0037	.0035	.00191	.0017	.0090	.0056
%RSD	.36509	.30004	.19873	.15503	.88768	.49128
#1	1.0201	1.1850	.96377	1.0797	1.0207	1.1346
#2	1.0148	1.1800	.96106	1.0774	1.0080	1.1268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	33963	--	--	--	--	--	--
SDev	65.05383	--	--	--	--	--	--
%RSD	.1915432	--	--	--	--	--	--
#1	33917	--	--	--	--	--	--
#2	34009	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53976-c-1-a Operator: DCL
Run Time: 04/24/12 17:52:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.853	1.0706	1.0858	1.4668	.46589	1.5611	.53661
SDev	.029	.0059	.0041	.0039	.00115	.0033	.00172
%RSD	.26904	.54690	.37509	.26335	.24630	.20911	.32068
#1	10.873	1.0664	1.0886	1.4696	.46670	1.5634	.53783
#2	10.832	1.0747	1.0829	1.4641	.46508	1.5587	.53540

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.487	.96671	.98450	1.0102	10.620	1.3576	1.0419
SDev	.196	.00204	.00266	.0022	.039	.0044	.0010
%RSD	.28976	.21157	.27014	.21311	.37110	.32483	.09980
#1	67.626	.96815	.98638	1.0118	10.647	1.3607	1.0411
#2	67.349	.96526	.98262	1.0087	10.592	1.3545	1.0426

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0892	24.607	1.0801	1.1021	1.0473	113.05	8.2922
SDev	.0029	.075	.0028	.0065	.0063	.31	.0197
%RSD	.26804	.30559	.25752	.59372	.59737	.27667	.23720

#1	1.0871	24.660	1.0821	1.1068	1.0517	113.27	8.2783
#2	1.0912	24.554	1.0781	1.0975	1.0429	112.83	8.3061

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53128	1756.6	812.55	2.1389	1.1732	1.0420	1.0292
SDev	.00158	4.5	1.41	.0056	.0040	.0047	.0026
%RSD	.29681	.25442	.17345	.26297	.34372	.44840	.24898
#1	.53240	1759.7	813.55	2.1429	1.1761	1.0453	1.0310
#2	.53017	1753.4	811.56	2.1349	1.1704	1.0387	1.0274

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0039	1.1825	.96651	1.0796	1.0111	1.1282
SDev	.0024	.0023	.00128	.0009	.0012	.0038
%RSD	.24127	.19296	.13248	.08517	.11577	.33628
#1	1.0057	1.1841	.96560	1.0789	1.0103	1.1255
#2	1.0022	1.1809	.96741	1.0802	1.0119	1.1309

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33621	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.3112692	--	--	--	--	--	--
#1	33695	--	--	--	--	--	--
#2	33547	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53976-c-1-a@5 Operator: DCL
Run Time: 04/24/12 17:56:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14973	.00781	.00486	.07771	-.00093	.09053	-.00003
SDev	.00001	.00568	.00066	.00024	.00004	.00111	.00005
%RSD	.00659	72.746	13.632	.30423	4.2107	1.2277	178.57
#1	.14973	.01183	.00533	.07788	-.00095	.09132	-.00007
#2	.14972	.00379	.00439	.07755	-.00090	.08974	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.638	.00055	.00075	-.00283	.03139	.01131	.00015
SDev	.039	.00005	.00006	.00024	.00952	.00023	.00125
%RSD	.33259	9.2976	7.8343	8.4860	30.319	2.0573	824.42
#1	11.665	.00051	.00080	-.00266	.03811	.01148	-.00073
#2	11.611	.00058	.00071	-.00300	.02466	.01115	.00103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/24/12 06:00:25 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01625	3.0488	.01525	.01295	.00077	17.170	1.2400
SDev	.00006	.0163	.00005	.00093	.00020	.056	.0118
%RSD	.36301	.53433	.30862	7.1514	26.132	.32412	.95309
#1	.01629	3.0603	.01528	.01360	.00063	17.210	1.2484
#2	.01620	3.0373	.01521	.01229	.00091	17.131	1.2317

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	287.17	216.78	.31404	-.00045	.00174	.00011
SDev	.00041	.64	.37	.00034	.00299	.00034	.00005
%RSD	382.15	.22443	.17204	.10684	664.30	19.418	42.308
#1	.00040	287.62	217.04	.31428	.00167	.00198	.00015
#2	-.00018	286.71	216.52	.31381	-.00257	.00150	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00321	.01156	.00029	.00008	.01063	.01905
SDev	.00019	.00021	.00016	.00179	.00417	.00200
%RSD	5.7884	1.7835	56.127	2215.8	39.240	10.479
#1	.00335	.01141	.00018	-.00118	.01358	.01764
#2	.00308	.01170	.00041	.00134	.00768	.02047

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35836	--	--	--	--	--	--
SDev	371.2310	--	--	--	--	--	--
%RSD	1.035902	--	--	--	--	--	--
#1	35574	--	--	--	--	--	--
#2	36099	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 18:00:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4972	.52568	.50582	.52868	.46445	.52161	.53744
SDev	.0161	.00202	.00613	.00259	.00217	.00116	.00204
%RSD	.64286	.38440	1.2127	.49047	.46708	.22224	.37997
#1	2.5086	.52711	.51016	.53052	.46598	.52243	.53888
#2	2.4859	.52425	.50148	.52685	.46292	.52079	.53600

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.433	.47866	.48128	.47603	2.6498	.49771	.50098
SDev	.058	.00253	.00243	.00155	.0147	.00226	.00030
%RSD	.46617	.52781	.50577	.32515	.55332	.45449	.05907

#1	12.474	.48045	.48300	.47712	2.6601	.49931	.50077
#2	12.392	.47687	.47955	.47493	2.6394	.49611	.50119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49281	4.8721	.48504	.51458	.51359	13.352	.98281
SDev	.00017	.0255	.00223	.00029	.00320	.059	.01048
%RSD	.03432	.52338	.46029	.05634	.62406	.43933	1.0660
#1	.49293	4.8901	.48662	.51438	.51585	13.393	.99022
#2	.49269	4.8541	.48346	.51479	.51132	13.310	.97540

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25153	13.274	12.845	.26472	.56937	.49679	.50803
SDev	.00121	.052	.063	.00117	.00122	.00185	.00291
%RSD	.47997	.39534	.49357	.44051	.21425	.37191	.57188
#1	.25238	13.311	12.890	.26554	.56851	.49810	.51008
#2	.25067	13.237	12.800	.26389	.57024	.49549	.50597

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48775	.53251	.46438	.51929	.45166	.51344
SDev	.00231	.00322	.00170	.00129	.00219	.00084
%RSD	.47256	.60415	.36638	.24929	.48405	.16341

#1	.48938	.53478	.46558	.51837	.45321	.51285
#2	.48612	.53023	.46317	.52020	.45011	.51404

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35710	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1287071	--	--	--	--	--	--
#1	35678	--	--	--	--	--	--
#2	35743	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 18:04:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08836	.00363	.00100	.00005	-.00092	.00107	.00002
SDev	.00403	.00021	.00072	.00002	.00001	.00070	.00001
%RSD	4.5633	5.7016	72.426	52.386	1.4557	65.021	66.542
#1	.08550	.00378	.00049	.00003	-.00091	.00058	.00001
#2	.09121	.00349	.00151	.00006	-.00093	.00156	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01162	.00019	.00031	-.00403	.01713	.00115	.00008
SDev	.00057	.00045	.00004	.00038	.01136	.00012	.00021
%RSD	4.9269	238.86	12.034	9.4418	66.297	10.547	258.72
#1	-.01203	-.00013	.00033	-.00430	.02516	.00106	-.00007
#2	-.01122	.00051	.00028	-.00376	.00910	.00123	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00191	.05112	.00006	.00228	-.00007	.39219	-.00082
SDev	.00117	.01110	.00002	.00137	.00022	.07254	.00104
%RSD	61.104	21.704	36.132	59.907	322.74	18.497	125.98
#1	.00273	.04327	.00005	.00325	.00009	.34089	-.00155
#2	.00108	.05896	.00008	.00132	-.00022	.44348	-.00009

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.04543	.06075	-.00008	-.00026	-.00070	.00006
SDev	.00024	.06348	.00878	.00003	.00478	.00044	.00004
%RSD	302.62	139.72	14.452	39.878	1851.4	62.582	66.659
#1	-.00025	-.09032	.05454	-.00010	.00312	-.00039	.00003
#2	.00009	-.00055	.06695	-.00006	-.00364	-.00100	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00006	.00037	.00067	-.00021	.00466	.00053
SDev	.00020	.00012	.00179	.00122	.00289	.00030
%RSD	312.30	33.224	266.04	573.90	62.015	57.101
#1	-.00008	.00028	.00194	-.00107	.00670	.00074
#2	.00021	.00045	-.00059	.00065	.00262	.00032

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36371	--	--	--	--	--	--
SDev	377.5950	--	--	--	--	--	--
%RSD	1.038176	--	--	--	--	--	--
#1	36638	--	--	--	--	--	--
#2	36104	--	--	--	--	--	--

Metals Worksheet

Batch Number: 600-77659
Method: 245.1
Analyst: Patel, Silen R

Date Open: Apr 20 2012 12:59PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0412S1_00016	MER0412S2_00016
S0						
S0.2						
S0.5						
S1.0						
S2.0						
S5.0						
S10.0						
ICV~600-77659/8				50 mL		1.5 mL
ICB~600-77659/9						
CRA~600-77659/10				50 mL	.1 mL	
CCV~600-77659/11				50 mL		1.5 mL
CCB~600-77659/12						
MB~600-77591/7-A						
LCS~600-77591/8-A						
LB~600-77501/1-D						
600-53726-A-1-F		7470A	P			
600-53710-A-1-C		7470A	P			
600-53710-A-1-D~DU		7470A	P			
600-53710-A-1-E~MS		7470A	P			
600-53716-A-1-C		7470A	P			
600-53716-A-2-E		7470A	P			
600-53716-A-3-C		7470A	P			
CCV~600-77659/23		7470A		50 mL		1.5 mL
CCB~600-77659/24		7470A				
600-53716-A-3-D~DU		7470A	P			

Metals Worksheet

Batch Number: 600-77659
Method: 245.1
Analyst: Patel, Silen R

Date Open: Apr 20 2012 12:59PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0412S1_00016	MER0412S2_00016
600-53716-A-3-E~MS		7470A	P			
600-53716-A-4-C		7470A	P			
600-53716-A-5-C		7470A	P			
600-53716-A-6-C		7470A	P			
600-53716-A-7-C		7470A	P			
LB~600-77499/1-C						
600-53560-A-1-H		7470A	P			
600-53685-A-1-F		7470A	P			
600-53812-C-1-A		245.1	T			
CCV~600-77659/35		245.1		50 mL		1.5 mL
CCB~600-77659/36		245.1				
600-53812-C-1-B~DU		245.1	T			
600-53812-C-1-C~MS		245.1	T			
600-53797-J-1-B		245.1	T			
600-53827-E-1-A		245.1	T			
600-53710-A-1-C~SD~^5		7470A	P			
600-53812-C-1-A~SD~^5		245.1	T			
CCV~600-77659/43		245.1		50 mL		1.5 mL
CCB~600-77659/44		245.1				

Analysis Begun

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 77591
Results Data Set: FW042012
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Sequence No.: 1 Autosampler Location: 2
Sample ID: S0 Date Collected: 4/20/2012 12:59:41
Analyst: Data Type: Original

Replicate Data: S0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0008	0.0036	0.0008	13:00:47	Yes
2		[0.00]	0.0009	0.0050	0.0009	13:01:28	Yes
Mean:		[0.00]	0.0009				
SD:		0.00	0.0001				
%RSD:		0.00	6.01				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 3
Sample ID: S0.2 Date Collected: 4/20/2012 13:01:30
Analyst: Data Type: Original

Replicate Data: S0.2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0025	0.0174	0.0034	13:02:35	Yes
2		[0.2]	0.0025	0.0172	0.0033	13:03:17	Yes
Mean:		[0.2]	0.0025				
SD:		0.0	0.0000				
%RSD:		0.0	0.86				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.01245 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 4
Sample ID: S0.5 Date Collected: 4/20/2012 13:03:19
Analyst: Data Type: Original

Replicate Data: S0.5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0062	0.0356	0.0071	13:04:24	Yes
2		[0.5]	0.0061	0.0345	0.0069	13:05:06	Yes
Mean:		[0.5]	0.0062				
SD:		0.0	0.0001				
%RSD:		0.0	1.73				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.999991 Slope: 0.01233 Intercept: 0.00001

Sequence No.: 4 Autosampler Location: 5
Sample ID: S1.0 Date Collected: 4/20/2012 13:05:08
Analyst: Data Type: Original

Replicate Data: S1.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.0]	0.0124	0.0667	0.0132	13:06:13	Yes

2	[1.0]	0.0124	0.0669	0.0132	13:06:59	Yes
Mean:	[1.0]	0.0124				
SD:	0.0	0.0000				
%RSD:	0.0	0.01				

Standard number 3 applied. [1.0]
Correlation Coef.: 0.999996 Slope: 0.01238 Intercept: 0.00000

Sequence No.: 5 **Autosampler Location: 6**
Sample ID: S2.0 **Date Collected: 4/20/2012 13:07:01**
Analyst: **Data Type: Original**

Replicate Data: S2.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.0]	0.0248	0.1283	0.0257	13:08:08	Yes
2		[2.0]	0.0245	0.1267	0.0253	13:08:51	Yes
Mean:		[2.0]	0.0246				
SD:		0.0	0.0002				
%RSD:		0.0	0.90				

Standard number 4 applied. [2.0]
Correlation Coef.: 0.999997 Slope: 0.01232 Intercept: 0.00002

Sequence No.: 6 **Autosampler Location: 7**
Sample ID: S5.0 **Date Collected: 4/20/2012 13:08:53**
Analyst: **Data Type: Original**

Replicate Data: S5.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.0]	0.0613	0.3127	0.0621	13:09:58	Yes
2		[5.0]	0.0609	0.3108	0.0618	13:10:40	Yes
Mean:		[5.0]	0.0611				
SD:		0.0	0.0002				
%RSD:		0.0	0.39				

Standard number 5 applied. [5.0]
Correlation Coef.: 0.999992 Slope: 0.01221 Intercept: 0.00009

Sequence No.: 7 **Autosampler Location: 8**
Sample ID: S10.0 **Date Collected: 4/20/2012 13:11:27**
Analyst: **Data Type: Original**

Replicate Data: S10.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.0]	0.1193	0.6088	0.1202	13:12:33	Yes
2		[10.0]	0.1181	0.6003	0.1190	13:13:15	Yes
Mean:		[10.0]	0.1187				
SD:		0.0	0.0009				
%RSD:		0.0	0.73				

Standard number 6 applied. [10.0]
Correlation Coef.: 0.999897 Slope: 0.01189 Intercept: 0.00044

Calibration data for Hg 253.7 **Equation: Linear, Calculated Intercept**

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
S0	0.0000	0	-0.037	0.00	6.0
S0.2	0.0025	0.2	0.172	0.00	0.9
S0.5	0.0062	0.5	0.482	0.00	1.7
S1.0	0.0124	1.0	1.004	0.00	0.0
S2.0	0.0246	2.0	2.036	0.00	0.9
S5.0	0.0611	5.0	5.099	0.00	0.4
S10.0	0.1187	10.0	9.945	0.00	0.7

Correlation Coef.: 0.999897 Slope: 0.01189 Intercept: 0.00044

Sequence No.: 8 Autosampler Location: 1
Sample ID: ICV Date Collected: 4/20/2012 13:14:02
Analyst: Data Type: Original

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.999	2.999	0.0361	0.1863	0.0370	13:15:12	Yes
2	2.999	2.999	0.0361	0.1865	0.0370	13:15:54	Yes
Mean:	2.999	2.999	0.0361				
SD:	0.000	0.000	0.0000				
%RSD:	0.008	0.008	0.01				

QC value within limits for Hg 253.7 Recovery = 99.97%
All analyte(s) passed QC.

Sequence No.: 9 Autosampler Location: 2
Sample ID: ICB Date Collected: 4/20/2012 13:15:56
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.039	-0.039	-0.0000	0.0042	0.0008	13:17:01	Yes
2	-0.039	-0.039	-0.0000	0.0043	0.0008	13:17:43	Yes
Mean:	-0.039	-0.039	-0.0000				
SD:	0.000	0.000	0.0000				
%RSD:	0.715	0.715	14.19				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 3
Sample ID: CRA Date Collected: 4/20/2012 13:17:45
Analyst: Data Type: Original

Replicate Data: CRA

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.170	0.170	0.0025	0.0174	0.0033	13:18:50	Yes
2	0.158	0.158	0.0023	0.0161	0.0032	13:19:32	Yes
Mean:	0.164	0.164	0.0024				
SD:	0.009	0.009	0.0001				
%RSD:	5.272	5.272	4.30				

QC value within limits for Hg 253.7 Recovery = 81.91%
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 1
Sample ID: CCV Date Collected: 4/20/2012 13:19:34
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.065	3.065	0.0369	0.1895	0.0377	13:20:40	Yes
2	3.086	3.086	0.0371	0.1899	0.0380	13:21:22	Yes
Mean:	3.076	3.076	0.0370				
SD:	0.015	0.015	0.0002				
%RSD:	0.486	0.486	0.48				

QC value within limits for Hg 253.7 Recovery = 102.52%
All analyte(s) passed QC.

Sequence No.: 12 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 13:22:08
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.043	-0.043	-0.0001	0.0040	0.0008	13:23:18	Yes
2	-0.033	-0.033	0.0000	0.0043	0.0009	13:24:00	Yes
Mean:	-0.038	-0.038	-0.0000				
SD:	0.007	0.007	0.0001				
%RSD:	18.83	18.83	570.68				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13 Autosampler Location: 38
Sample ID: mb 600-77591/7-a Date Collected: 4/20/2012 13:24:02
Analyst: SRP Data Type: Original

Replicate Data: mb 600-77591/7-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	0.0001	0.0059	0.0009	13:25:08	Yes
2	-0.034	-0.034	0.0000	0.0050	0.0009	13:25:50	Yes
Mean:	-0.032	-0.032	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	8.145	8.145	57.35				

Sequence No.: 14 Autosampler Location: 39
Sample ID: lcs 600-77591/8-a Date Collected: 4/20/2012 13:25:52
Analyst: SRP Data Type: Original

Replicate Data: lcs 600-77591/8-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.948	2.948	0.0355	0.1833	0.0364	13:26:57	Yes
2	2.936	2.936	0.0354	0.1828	0.0362	13:27:39	Yes
Mean:	2.942	2.942	0.0354				
SD:	0.009	0.009	0.0001				
%RSD:	0.307	0.307	0.30				

Sequence No.: 15 Autosampler Location: 40
Sample ID: lb 600-77501/1-d Date Collected: 4/20/2012 13:27:41
Analyst: SRP Data Type: Original

Replicate Data: lb 600-77501/1-d

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	0.0000	0.0051	0.0009	13:28:46	Yes
2	-0.031	-0.031	0.0001	0.0057	0.0009	13:29:28	Yes
Mean:	-0.033	-0.033	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.076	7.076	54.44				

Sequence No.: 16 Autosampler Location: 41
Sample ID: 600-53726-a-1-f Date Collected: 4/20/2012 13:29:29
Analyst: SRP Data Type: Original

Replicate Data: 600-53726-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.001	-0.001	0.0004	0.0063	0.0013	13:30:35	Yes
2	0.000	0.000	0.0004	0.0073	0.0013	13:31:17	Yes
Mean:	-0.001	-0.001	0.0004				
SD:	0.001	0.001	0.0000				
%RSD:	124.8	124.8	1.84				

Sequence No.: 17 Autosampler Location: 42
Sample ID: 600-53710-a-1-c Date Collected: 4/20/2012 13:31:23
Analyst: SRP Data Type: Original

Replicate Data: 600-53710-a-1-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.037	-0.037	0.0000	0.0038	0.0009	13:32:27	Yes
2	-0.035	-0.035	0.0000	0.0037	0.0009	13:33:09	Yes
Mean:	-0.036	-0.036	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	3.389	3.389	93.07				

Sequence No.: 18 Autosampler Location: 43
Sample ID: 600-53710-a-1-d du Date Collected: 4/20/2012 13:33:11
Analyst: SRP Data Type: Original

Replicate Data: 600-53710-a-1-d du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0001	0.0044	0.0009	13:34:16	Yes
2	-0.029	-0.029	0.0001	0.0050	0.0009	13:34:58	Yes
Mean:	-0.031	-0.031	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.031	7.031	35.32				

Sequence No.: 19 Autosampler Location: 44
Sample ID: 600-53710-a-1-e ms Date Collected: 4/20/2012 13:35:00
Analyst: SRP Data Type: Original

Replicate Data: 600-53710-a-1-e ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.113	3.113	0.0375	0.1927	0.0383	13:36:05	Yes
2	3.125	3.125	0.0376	0.1920	0.0385	13:36:47	Yes
Mean:	3.119	3.119	0.0375				
SD:	0.008	0.008	0.0001				
%RSD:	0.271	0.271	0.27				

Sequence No.: 20 Autosampler Location: 45
Sample ID: 600-53716-a-1-c Date Collected: 4/20/2012 13:37:34
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-1-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.039	-0.039	-0.0000	0.0033	0.0008	13:38:40	Yes
2	-0.035	-0.035	0.0000	0.0045	0.0009	13:39:23	Yes
Mean:	-0.037	-0.037	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	5.981	5.981	>999.9%				

Sequence No.: 21 Autosampler Location: 46
Sample ID: 600-53716-a-2-e Date Collected: 4/20/2012 13:39:24
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-2-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.214	0.214	0.0030	0.0199	0.0038	13:40:29	Yes
2	0.211	0.211	0.0029	0.0196	0.0038	13:41:11	Yes

Mean:	0.213	0.213	0.0030
SD:	0.002	0.002	0.0000
%RSD:	1.107	1.107	0.94

Sequence No.: 22 Autosampler Location: 47
Sample ID: 600-53716-a-3-c Date Collected: 4/20/2012 13:41:18
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-3-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0058	0.0010	13:42:23	Yes
2	-0.025	-0.025	0.0001	0.0054	0.0010	13:43:06	Yes
Mean:	-0.026	-0.026	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	5.684	5.684	13.49				

Sequence No.: 23 Autosampler Location: 1
Sample ID: CCV Date Collected: 4/20/2012 13:43:07
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.963	2.963	0.0357	0.1843	0.0365	13:44:13	Yes
2	2.963	2.963	0.0357	0.1854	0.0365	13:44:55	Yes
Mean:	2.963	2.963	0.0357				
SD:	0.000	0.000	0.0000				
%RSD:	0.015	0.015	0.02				

QC value within limits for Hg 253.7 Recovery = 98.77%
All analyte(s) passed QC.

Sequence No.: 24 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 13:44:57
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	0.0001	0.0058	0.0009	13:46:02	Yes
2	-0.027	-0.027	0.0001	0.0053	0.0010	13:46:44	Yes
Mean:	-0.029	-0.029	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	8.843	8.843	29.76				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 25 Autosampler Location: 48
Sample ID: 600-53716-a-3-d du Date Collected: 4/20/2012 13:46:46
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-3-d du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	0.0001	0.0048	0.0010	13:47:52	Yes
2	-0.029	-0.029	0.0001	0.0045	0.0010	13:48:34	Yes
Mean:	-0.028	-0.028	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.788	1.788	5.81				

Sequence No.: 26 Autosampler Location: 49
Sample ID: 600-53716-a-3-e ms Date Collected: 4/20/2012 13:48:36
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-3-e ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.071	3.071	0.0370	0.1894	0.0378	13:49:47	Yes
2	3.069	3.069	0.0369	0.1887	0.0378	13:50:29	Yes
Mean:	3.070	3.070	0.0369				
SD:	0.001	0.001	0.0000				
%RSD:	0.042	0.042	0.04				

Sequence No.: 27
Sample ID: 600-53716-a-4-c
Analyst: SRP

Autosampler Location: 50
Date Collected: 4/20/2012 13:51:17
Data Type: Original

Replicate Data: 600-53716-a-4-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	0.0005	0.0070	0.0014	13:52:23	Yes
2	0.005	0.005	0.0005	0.0067	0.0014	13:53:05	Yes
Mean:	0.007	0.007	0.0005				
SD:	0.003	0.003	0.0000				
%RSD:	37.31	37.31	5.84				

Sequence No.: 28
Sample ID: 600-53716-a-5-c
Analyst: SRP

Autosampler Location: 51
Date Collected: 4/20/2012 13:53:07
Data Type: Original

Replicate Data: 600-53716-a-5-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0058	0.0010	13:54:12	Yes
2	-0.013	-0.013	0.0003	0.0071	0.0011	13:54:54	Yes
Mean:	-0.020	-0.020	0.0002				
SD:	0.010	0.010	0.0001				
%RSD:	52.22	52.22	60.96				

Sequence No.: 29
Sample ID: 600-53716-a-6-c
Analyst: SRP

Autosampler Location: 52
Date Collected: 4/20/2012 13:54:56
Data Type: Original

Replicate Data: 600-53716-a-6-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	0.0001	0.0064	0.0010	13:56:01	Yes
2	-0.025	-0.025	0.0001	0.0059	0.0010	13:56:43	Yes
Mean:	-0.026	-0.026	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.541	3.541	8.01				

Sequence No.: 30
Sample ID: 600-53716-a-7-c
Analyst: SRP

Autosampler Location: 53
Date Collected: 4/20/2012 13:56:44
Data Type: Original

Replicate Data: 600-53716-a-7-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.023	-0.023	0.0002	0.0058	0.0010	13:57:49	Yes
2	-0.024	-0.024	0.0002	0.0052	0.0010	13:58:31	Yes
Mean:	-0.024	-0.024	0.0002				
SD:	0.001	0.001	0.0000				
%RSD:	3.929	3.929	7.00				

Sequence No.: 31 Autosampler Location: 54
Sample ID: lb 600-77499/1-c Date Collected: 4/20/2012 13:58:33
Analyst: SRP Data Type: Original

Replicate Data: lb 600-77499/1-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0055	0.0010	13:59:42	Yes
2	-0.040	-0.040	-0.0000	0.0031	0.0008	14:00:25	Yes
Mean:	-0.033	-0.033	0.0000				
SD:	0.009	0.009	0.0001				
%RSD:	27.21	27.21	249.92				

Sequence No.: 32 Autosampler Location: 55
Sample ID: 600-53560-a-1-h Date Collected: 4/20/2012 14:00:26
Analyst: SRP Data Type: Original

Replicate Data: 600-53560-a-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0001	0.0050	0.0009	14:01:33	Yes
2	-0.031	-0.031	0.0001	0.0054	0.0009	14:02:15	Yes
Mean:	-0.032	-0.032	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	4.122	4.122	23.53				

Sequence No.: 33 Autosampler Location: 56
Sample ID: 600-53685-a-1-f Date Collected: 4/20/2012 14:02:16
Analyst: SRP Data Type: Original

Replicate Data: 600-53685-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	0.0001	0.0053	0.0010	14:03:22	Yes
2	-0.037	-0.037	0.0000	0.0044	0.0009	14:04:04	Yes
Mean:	-0.033	-0.033	0.0001				
SD:	0.006	0.006	0.0001				
%RSD:	18.32	18.32	139.38				

Sequence No.: 34 Autosampler Location: 57
Sample ID: 600-53812-c-1-a Date Collected: 4/20/2012 14:04:05
Analyst: SRP Data Type: Original

Replicate Data: 600-53812-c-1-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.098	0.098	0.0016	0.0116	0.0025	14:05:11	Yes
2	0.114	0.114	0.0018	0.0134	0.0026	14:05:53	Yes
Mean:	0.106	0.106	0.0017				
SD:	0.011	0.011	0.0001				
%RSD:	10.30	10.30	7.64				

Sequence No.: 35 Autosampler Location: 1
Sample ID: CCV Date Collected: 4/20/2012 14:05:54
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.953	2.953	0.0356	0.1833	0.0364	14:07:01	Yes
2	2.933	2.933	0.0353	0.1809	0.0362	14:07:43	Yes
Mean:	2.943	2.943	0.0354				
SD:	0.014	0.014	0.0002				

%RSD: 0.461 0.461 0.46
QC value within limits for Hg 253.7 Recovery = 98.10%
All analyte(s) passed QC.

Sequence No.: 36 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 14:07:49
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.029	-0.029	0.0001	0.0049	0.0010	14:08:54	Yes
2	-0.033	-0.033	0.0001	0.0047	0.0009	14:09:36	Yes
Mean:	-0.031	-0.031	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	9.240	9.240	44.71				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 37 Autosampler Location: 58
Sample ID: 600-53812-c-1-b du Date Collected: 4/20/2012 14:09:38
Analyst: SRP Data Type: Original

Replicate Data: 600-53812-c-1-b du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	0.0004	0.0054	0.0012	14:10:44	Yes
2	0.001	0.001	0.0005	0.0070	0.0013	14:11:26	Yes
Mean:	-0.003	-0.003	0.0004				
SD:	0.006	0.006	0.0001				
%RSD:	182.9	182.9	17.06				

Sequence No.: 38 Autosampler Location: 59
Sample ID: 600-53812-c-1-c ms Date Collected: 4/20/2012 14:11:28
Analyst: SRP Data Type: Original

Replicate Data: 600-53812-c-1-c ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.068	3.068	0.0369	0.1890	0.0378	14:12:33	Yes
2	3.045	3.045	0.0367	0.1864	0.0375	14:13:15	Yes
Mean:	3.057	3.057	0.0368				
SD:	0.017	0.017	0.0002				
%RSD:	0.546	0.546	0.54				

Sequence No.: 39 Autosampler Location: 60
Sample ID: 600-53797-j-1-b Date Collected: 4/20/2012 14:14:03
Analyst: SRP Data Type: Original

Replicate Data: 600-53797-j-1-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0051	0.0010	14:15:10	Yes
2	-0.020	-0.020	0.0002	0.0061	0.0011	14:15:52	Yes
Mean:	-0.023	-0.023	0.0002				
SD:	0.005	0.005	0.0001				
%RSD:	22.76	22.76	38.59				

Sequence No.: 40 Autosampler Location: 61
Sample ID: 600-53827-e-1-a Date Collected: 4/20/2012 14:15:54
Analyst: SRP Data Type: Original

Replicate Data: 600-53827-e-1-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	-0.0004	0.0031	0.0005	14:16:59	Yes
2	-0.059	-0.059	-0.0003	0.0042	0.0006	14:17:46	Yes
Mean:	-0.064	-0.064	-0.0003				
SD:	0.007	0.007	0.0001				
%RSD:	11.35	11.35	26.79				

Sequence No.: 41 Autosampler Location: 62
Sample ID: SD-600-53710-a-1-c@5 Date Collected: 4/20/2012 14:17:47
Analyst: SRP Data Type: Original

Replicate Data: SD-600-53710-a-1-c@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.050	-0.050	-0.0002	0.0039	0.0007	14:18:54	Yes
2	-0.057	-0.057	-0.0002	0.0024	0.0006	14:19:36	Yes
Mean:	-0.054	-0.054	-0.0002				
SD:	0.005	0.005	0.0001				
%RSD:	9.385	9.385	30.29				

Sequence No.: 42 Autosampler Location: 63
Sample ID: SD-600-53812-c-1-a@5 Date Collected: 4/20/2012 14:19:38
Analyst: SRP Data Type: Original

Replicate Data: SD-600-53812-c-1-a@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	0.0001	0.0052	0.0009	14:20:43	Yes
2	-0.035	-0.035	0.0000	0.0045	0.0009	14:21:25	Yes
Mean:	-0.033	-0.033	0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	8.284	8.284	68.95				

Sequence No.: 43 Autosampler Location: 1
Sample ID: CCV Date Collected: 4/20/2012 14:21:27
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.975	2.975	0.0358	0.1839	0.0367	14:22:33	Yes
2	2.974	2.974	0.0358	0.1820	0.0367	14:23:15	Yes
Mean:	2.975	2.975	0.0358				
SD:	0.001	0.001	0.0000				
%RSD:	0.033	0.033	0.03				

QC value within limits for Hg 253.7 Recovery = 99.16%
All analyte(s) passed QC.

Sequence No.: 44 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 14:23:17
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0001	0.0046	0.0009	14:24:22	Yes
2	-0.035	-0.035	0.0000	0.0046	0.0009	14:25:04	Yes
Mean:	-0.034	-0.034	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	6.062	6.062	62.84				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77501 Batch Start Date: 04/18/12 18:00 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date: 04/19/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE2 00057					
LB 600-77501/1		1311, 3010A, 6010B		2000 mL					
600-53710-A-1	IDW-4	1311, 3010A, 6010B	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

A12-342

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77589 Batch Start Date: 04/20/12 06:47 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00037	METHNO3 00027	METSPIKEA 00011	METSPIKEB 00012
MB 600-77589/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-77589/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-77501/1-A		3010A, 6010B		5 mL	50 mL	2.5 mL	2.5 mL		
600-53710-A-1-A	IDW-4	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		

Batch Notes	
Hood ID or number	M-5
Hot Block ID number	#04
Pipette ID	M-11
Temperature	95 Degrees C.
ID number of the thermometer	#555

Basis	Basis Description
P	TCLP

A12-343

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77850 Batch Start Date: 04/24/12 11:27 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	METH202 00020	METH202 00022	METHCL 00037
MB 600-77850/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL	4 mL		2.5 mL
LCS 600-77850/2		3050B, 6010B		CALC NOT SET TO RUN	0.50 g	50 mL	4 mL		2.5 mL
600-53710-B-1	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL	4 mL		2.5 mL
600-53710-B-1 DU	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL	4 mL		2.5 mL
600-53710-B-1 MS	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL		2.5 mL
600-53710-B-1 MSD	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL	4 mL		2.5 mL
MB 600-77850/14		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL		4 mL	2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METHNO3 00027	METSLCSS 00016	METSPIKEA 00011	METSPIKEB 00012		
MB 600-77850/1		3050B, 6010B		5 mL					
LCS 600-77850/2		3050B, 6010B		5 mL	0.5 g				
600-53710-B-1	IDW-4	3050B, 6010B	T	5 mL					
600-53710-B-1 DU	IDW-4	3050B, 6010B	T	5 mL					
600-53710-B-1 MS	IDW-4	3050B, 6010B	T	5 mL		250 uL	250 uL		
600-53710-B-1 MSD	IDW-4	3050B, 6010B	T	5 mL		250 uL	250 uL		
MB 600-77850/14		3050B, 6010B		5 mL					

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	517

Basis	Basis Description
T	Total/NA

A12-344

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77501 Batch Start Date: 04/18/12 18:00 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date: 04/19/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE2 00057					
LB 600-77501/1		1311, 7470A, 7470A		2000 mL					
600-53710-A-1	IDW-4	1311, 7470A, 7470A	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

A12-345

7470A

Page 1 of 1

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77591 Batch Start Date: 04/20/12 07:57 Batch Analyst: Patel, Silen R

Batch Method: 7470A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MER0312PP 00001	MER0412HS 00002	MER0412KM 00004	MER0412S2 00015
MB 600-77591/7		7470A, 7470A		40 mL	40 mL	3.2 mL	3 mL	6 mL	
LCS 600-77591/8		7470A, 7470A		50 mL	50 mL	3.2 mL	3 mL	6 mL	1.5 mL
LB 600-77501/1-A		7470A, 7470A		40 mL	40 mL	3.2 mL	3 mL	6 mL	
600-53710-A-1-A	IDW-4	7470A, 7470A	P	40 mL	40 mL	3.2 mL	3 mL	6 mL	
600-53710-A-1-A DU	IDW-4	7470A, 7470A	P	40 mL	40 mL	3.2 mL	3 mL	6 mL	
600-53710-A-1-A MS	IDW-4	7470A, 7470A	P	40 mL	40 mL	3.2 mL	3 mL	6 mL	1.2 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MERSUL 00025	METHNO3 00027				
MB 600-77591/7		7470A, 7470A		2 mL	1 mL				
LCS 600-77591/8		7470A, 7470A		2 mL	1 mL				
LB 600-77501/1-A		7470A, 7470A		2 mL	1 mL				
600-53710-A-1-A	IDW-4	7470A, 7470A	P	2 mL	1 mL				
600-53710-A-1-A DU	IDW-4	7470A, 7470A	P	2 mL	1 mL				
600-53710-A-1-A MS	IDW-4	7470A, 7470A	P	2 mL	1 mL				

Batch Notes	

Basis	Basis Description
P	TCLP

A12-346

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW-4	600-53710-1

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: WET Date Received: 04/18/2012 09:56

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	85.5	250	85.5	ug/Kg	U		1	9012
	Sulfide, Reactive	14.0	50.0	14.0	mg/Kg	U		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: WET Date Received: 04/18/2012 09:56

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	8.22	0.0100		SU			1	9045C
	Flashpoint	>212	1.00		Degrees F			1	D92

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Analyst: MB Batch Start Date: 04/21/2012

Reporting Units: SU Analytical Batch No.: 77687

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
24	CCV	15:00	pH	7.000	7.00	100	99-101		WETRPH7BUF_00015
37	CCV	15:00	pH	7.010	7.00	100	99-101		WETRPH7BUF_00015
46	CCV	15:00	pH	7.010	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Analyst: MB Batch Start Date: 04/23/2012

Reporting Units: Degrees F Analytical Batch No.: 77742

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
10	CCV	09:15	Flashpoint	81.82	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 77665	Date: 04/20/2012 14:15	Prep Batch: 77652	Date: 04/20/2012 13:58				
7.4.4	MB 600-77652/1-A	Sulfide, Reactive	14.0	U	mg/Kg	50.0	1
Batch ID: 77795	Date: 04/20/2012 14:57	Prep Batch: 77652	Date: 04/20/2012 13:58				
9012	MB 600-77652/1-A	Cyanide, Reactive	85.5	U	ug/Kg	250	1
Batch ID: 77742	Date: 04/23/2012 09:15						
D92	MB 600-77742/1	Flashpoint	>186		Degrees F	1.00	1

FORM III-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 77665	Date: 04/20/2012 14:15		Prep Batch: 77652			Date: 04/20/2012 13:58					
						LCS Source: SULFTSLCS_00507					
7.4.4	LCS 600-77652/2-A	Sulfide, Reactive	14.0	U	mg/Kg	2060	0	0-100			
Batch ID: 77795	Date: 04/20/2012 14:57		Prep Batch: 77652			Date: 04/20/2012 13:58					
						LCS Source: WETRCYANID_00016					
9012	LCS 600-77652/2-A	Cyanide, Reactive	59830		ug/Kg	1000000	6	0-100			
Batch ID: 77687	Date: 04/21/2012 15:00										
						LCS Source: WETRPH7BUF_00015					
9045C	LCS 600-77687/25	pH	7.010		SU	7.00	100	99-101			
Batch ID: 77742	Date: 04/23/2012 09:15										
						LCS Source: WETRPXYLEN_00005					
D92	LCS 600-77742/2	Flashpoint	81.82		Degrees F	81.0	101	96.91-1 03.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9012 MDL Date: 04/01/2011 13:51

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/Kg)	MDL (ug/Kg)
Cyanide, Reactive		250	85.52

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9012 XMDL Date: 06/15/2008 15:59

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Cyanide, Reactive		10	0.72665

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 18:02

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		50	13.99

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 18:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		5	1.399

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C RL Date: 07/03/2008 14:00

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C XRL Date: 07/03/2008 14:02

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 XRL Date: 06/09/2008 16:44

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77652/1-A	04/20/2012 13:58	77652		10	250
LCS 600-77652/2-A	04/20/2012 13:58	77652		10	250
600-53710-1	04/20/2012 13:58	77652	10		250

FORM XII-IN

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77652/1-A	04/20/2012 13:58	77652		10	250
LCS 600-77652/2-A	04/20/2012 13:58	77652		10	250
600-53710-1	04/20/2012 13:58	77652	10		250

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 9012

Start Date: 04/20/2012 14:57 End Date: 04/20/2012 14:57

Lab Sample ID	D / F	Type	Time	Analytes																				
				CNReac																				
MB 600-77652/1-A	1	T	14:57	X																				
LCS 600-77652/2-A	20	T	14:57	X																				
ZZZZZZ			14:57																					
ZZZZZZ			14:57																					
ZZZZZZ			14:57																					
600-53710-1	1	T	14:57	X																				
ZZZZZZ			14:57																					
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ZZZZZZ			14:57																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 04/20/2012 14:15 End Date: 04/20/2012 14:15

Lab Sample ID	D / F	Type	Time	Analytes																				
				S2Reac																				
MB 600-77652/1-A	1	T	14:15	X																				
LCS 600-77652/2-A	1	T	14:15	X																				
ZZZZZZ			14:15																					
ZZZZZZ			14:15																					
ZZZZZZ			14:15																					
600-53710-1	1	T	14:15	X																				
ZZZZZZ			14:15																					
ZZZZZZ			14:15																					
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ZZZZZZ			14:15																					
ZZZZZZ			14:15																					
ZZZZZZ			14:15																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 04/21/2012 15:00 End Date: 04/21/2012 15:00

Lab Sample ID	D/F	Type	Time	Analytes																				
				pH																				
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
CCV 600-77687/13			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
CCV 600-77687/24	1		15:00	X																				
LCS 600-77687/25	1	T	15:00	X																				
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
CCV 600-77687/37	1		15:00	X																				
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 04/21/2012 15:00 End Date: 04/21/2012 15:00

Lab Sample ID	D/F	Type	Time	Analytes																				
				pH																				
600-53710-1	1	T	15:00	X																				
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
CCV 600-77687/46	1		15:00	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: D92

Start Date: 04/23/2012 09:15 End Date: 04/23/2012 09:15

Lab Sample ID	D / F	Type	Time	Analytes																				
				FP																				
MB 600-77742/1	1	T	09:15	X																				
LCS 600-77742/2	1	T	09:15	X																				
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
600-53710-1	1	T	09:15	X																				
CCV 600-77742/10	1		09:15	X																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/19/2012 15:30 End Date: 04/19/2012 18:04

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			15:30																					
ZZZZZZ			15:30																					
600-53710-1	1	T	15:30	X	X																			
ZZZZZZ			15:30	

cyanide

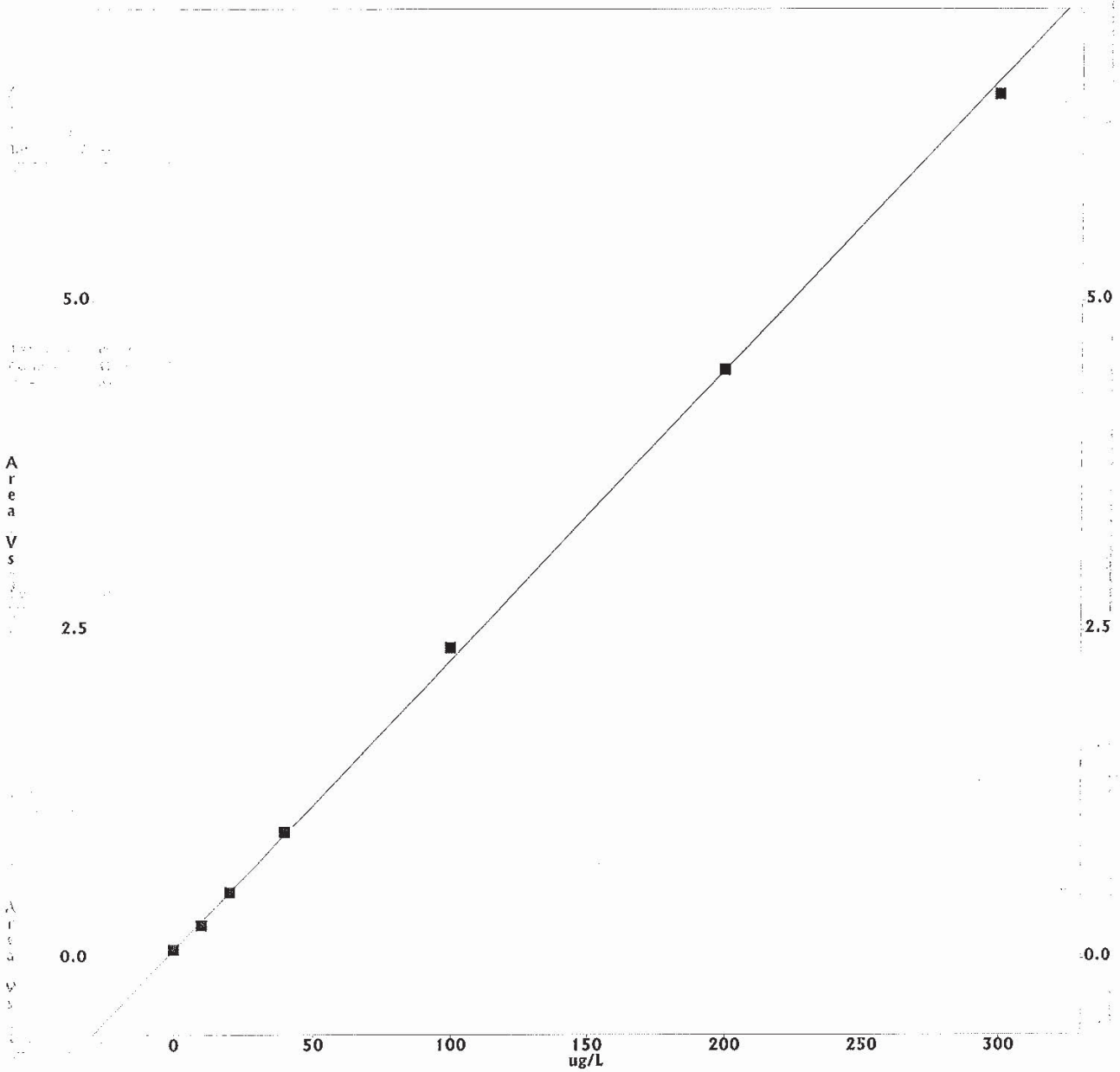
17795 - RCYN

Lvl	Area	ug/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	6571188	300	6571188					0.0	0.0	1.6
2	4478477	200	4478477					0.0	0.0	-0.1
3	2369255	100	2369255					0.0	0.0	-4.5
4	971392	40	971392					0.0	0.0	-2.5
5	508954	20	508954					0.0	0.0	-0.0
6	259482	10	259482					0.0	0.0	13.2
7	72922	0	72922					0.0	0.0	

1st Order Poly
Conc = 4.542e-005 Area - 3.108e+000
r = 0.9997

4/30/12

Scaling: None - Weighting: 1/X



Printed: Monday, April 30, 2012 - 12:25 PM

OPERATOR:	bgrimm
ACQ. TIME:	Apr 20, 2012 14:16:45
DATA FILENAME:	C:\OMNION\DATA\CYANIDE\042012CA.FDT
METHOD FILENAME:	C:\OMNION\METHODS\CYANIDE\CYANIDE.MET
TRAY FILENAME:	

METHOD: EPA 335.3/FIA #1

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:

Created:	Oct 7, 2003 14:14:00
Modified:	Apr 27, 2012 16:32:48

cyanide

ANALYTE DATA:

Analyte Name:	cyanide
Concentration Units:	ug/L
Chemistry:	Direct
Inject to Peak Start (s):	25.0
Peak Base Width (s):	42.000
% Width Tolerance:	50.000
Threshold:	5000.000
Autodilution Trigger:	Off
QuikChem Method:	

CALIBRATION DATA:

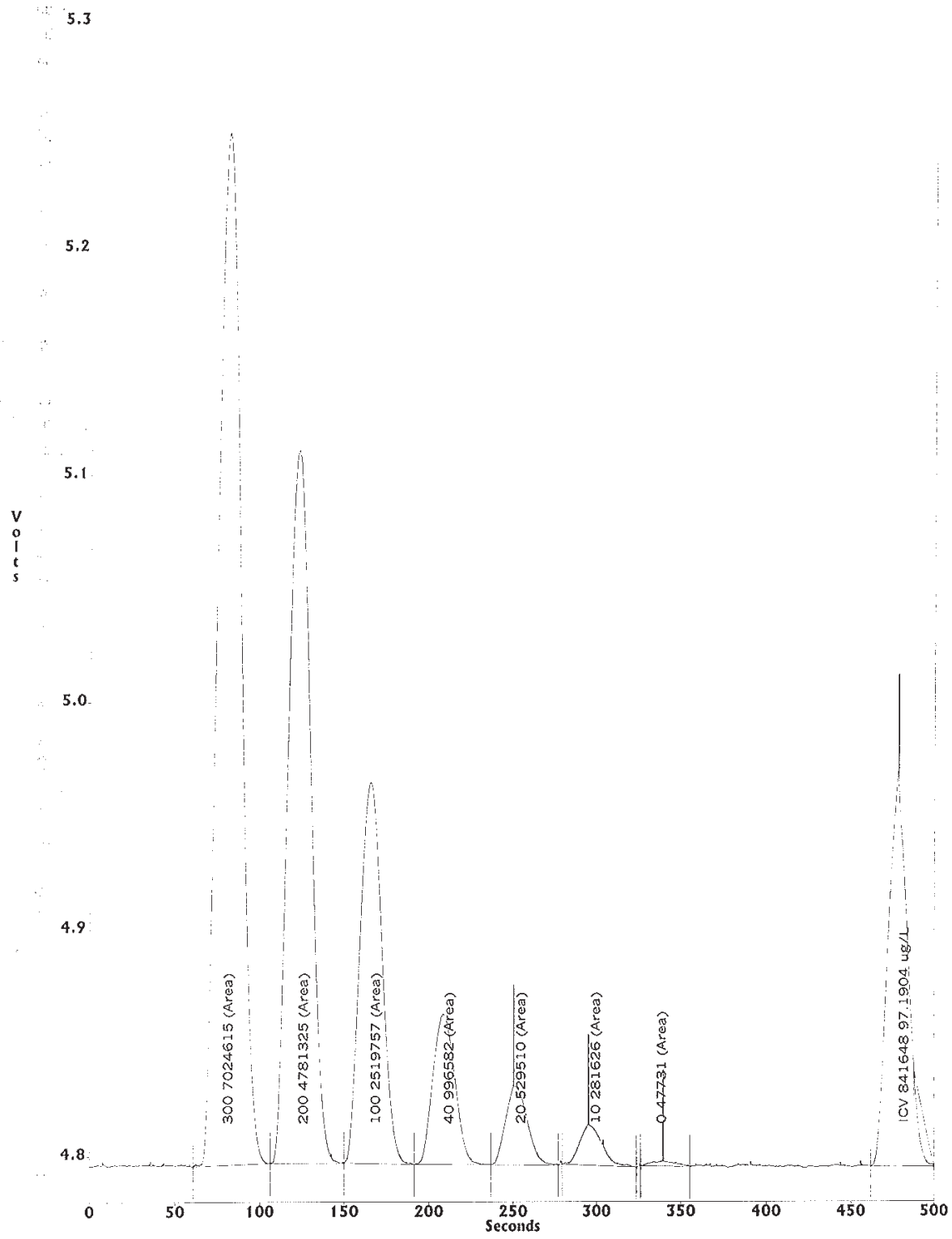
Levels:

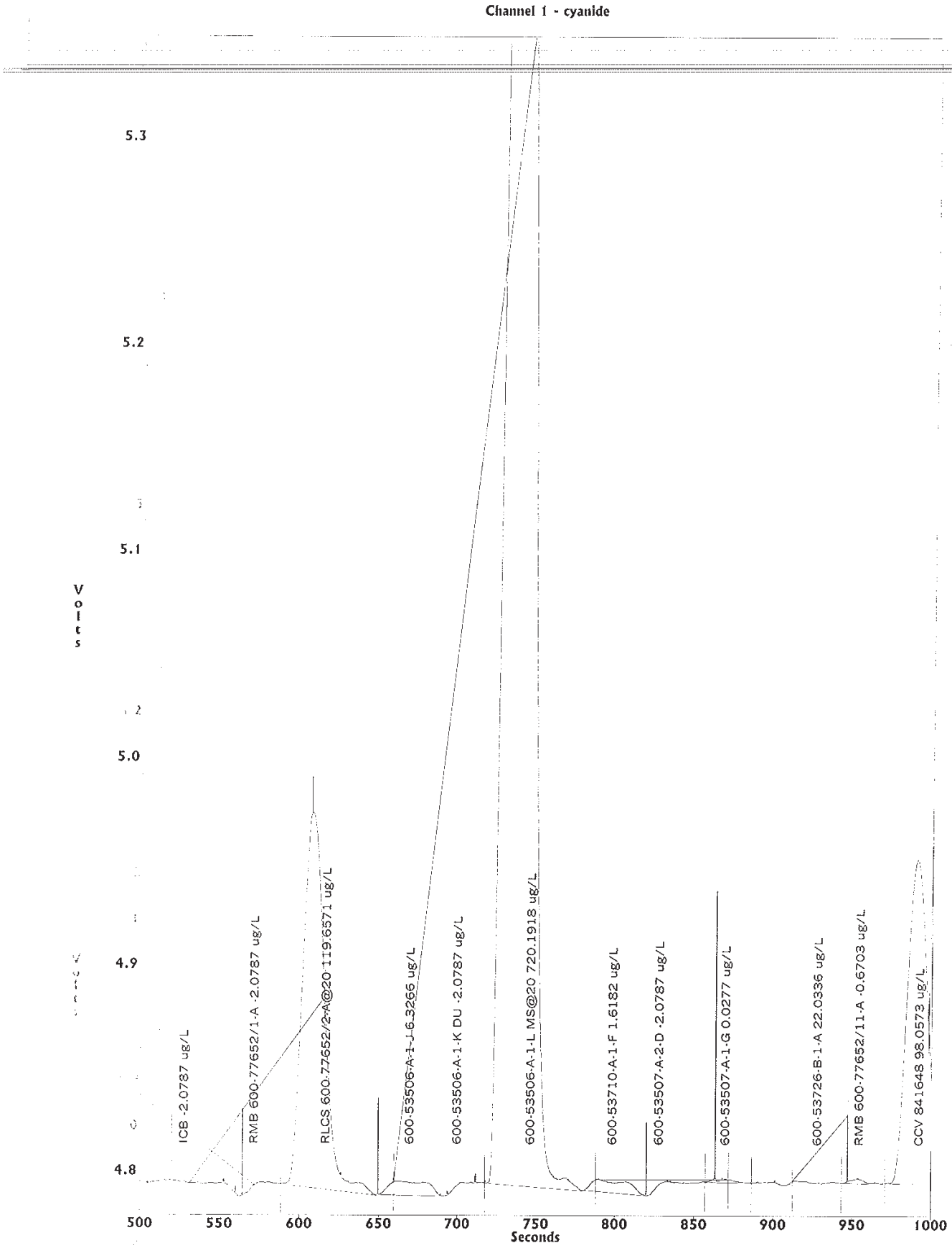
1 : 300.000 2 : 200.000 3 : 100.000 4 : 40.000
5 : 20.000 6 : 10.000 7 : 0.000

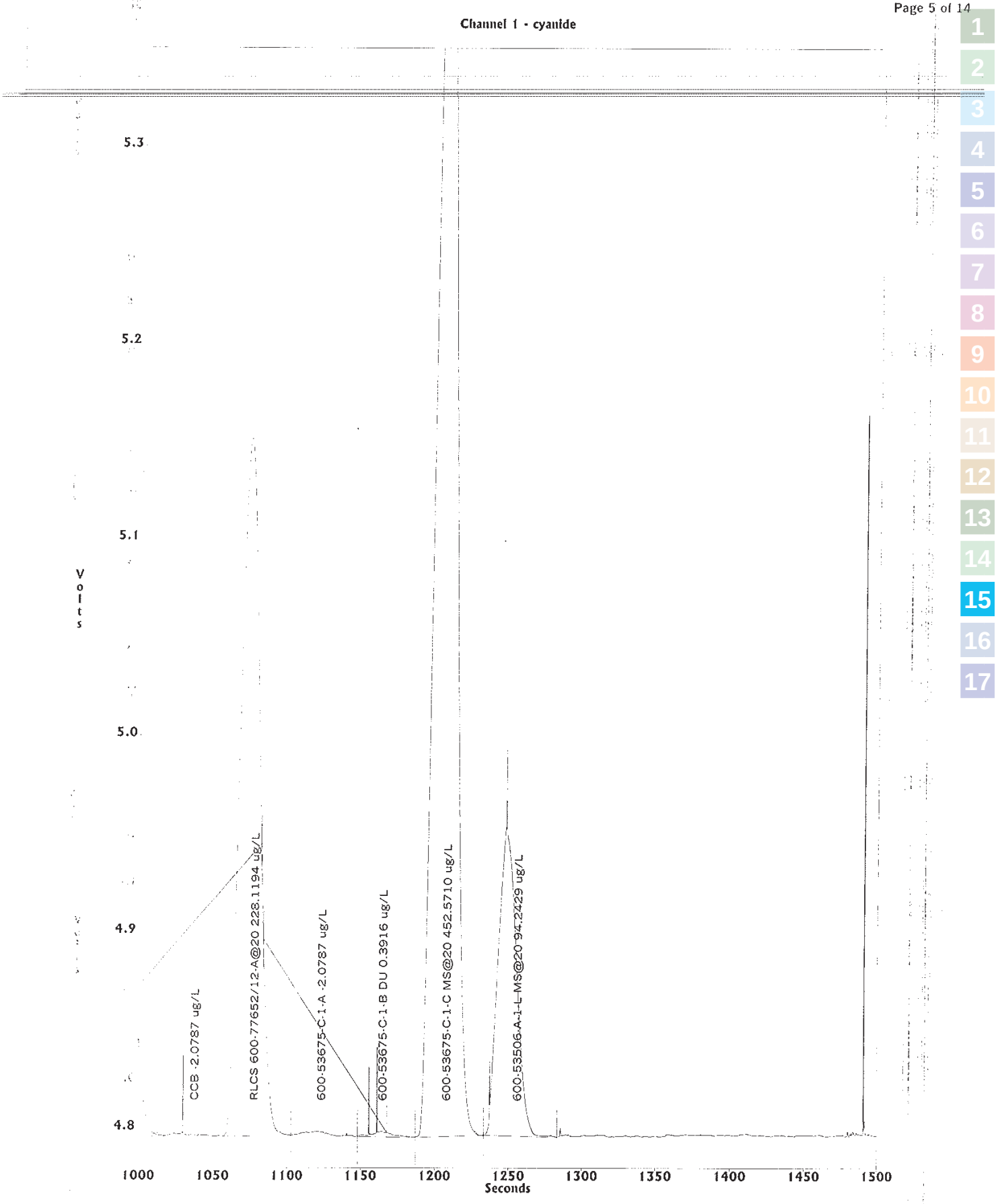
Calibration Rep Handling:	Replace
Calibration Fit Type:	1st Order Poly
Force Though Zero:	No
Weighting Method:	1/X
Concentration Scaling:	None

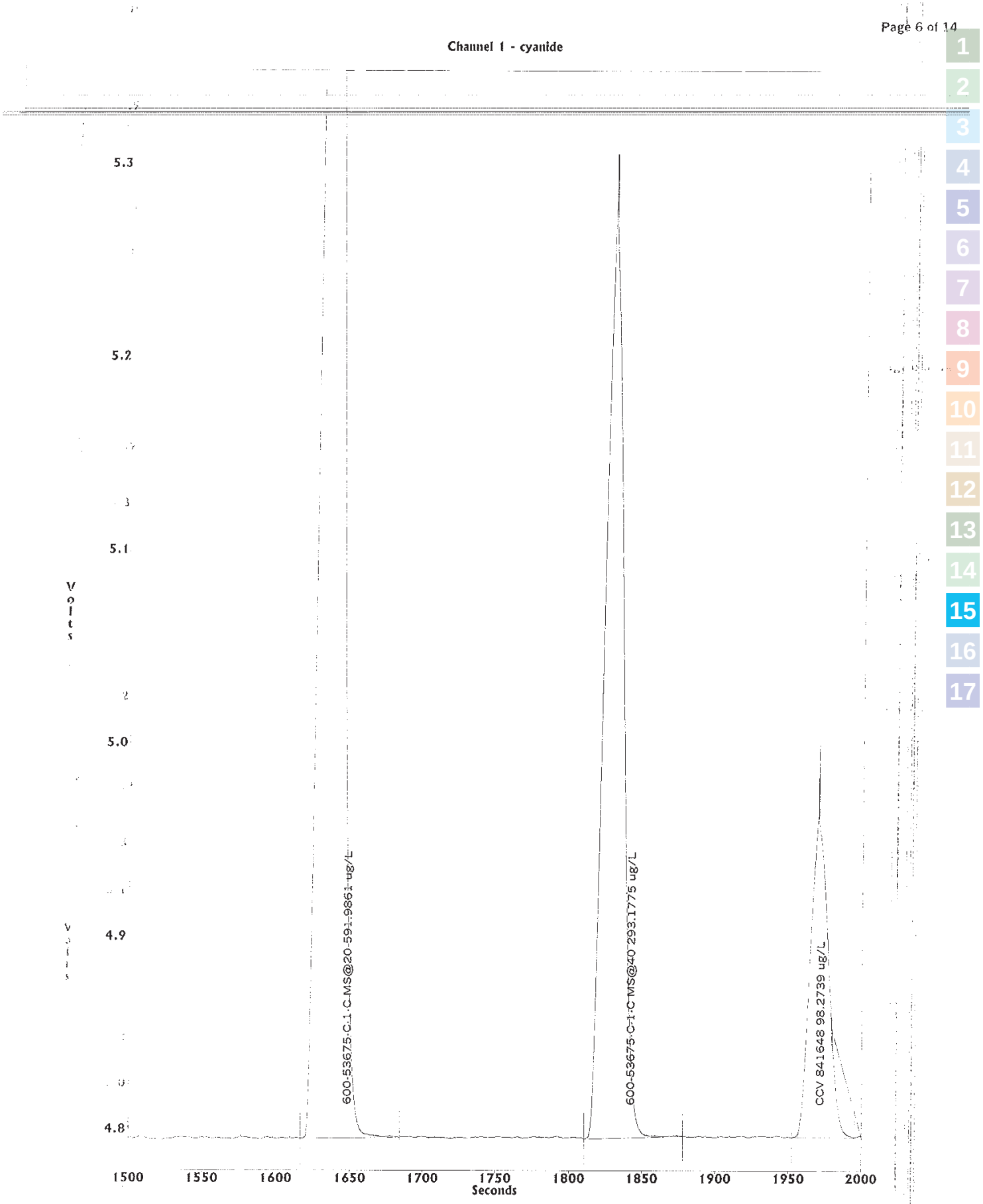
Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 1 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (ug/L)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV 841648	20 Apr 2012	14:23:23	1	97.19035	1.0	1.00	1.00000	
2	ICB	20 Apr 2012	14:24:07	1	-2.07874	1.0	1.00	1.00000	
3	RMB 600-77652/1-A	20 Apr 2012	14:24:51	1	-2.07874	1.0	1.00	1.00000	
4	RLCS 600-77652/2-A@20	20 Apr 2012	14:25:33	1	119.65710	1.0	1.00	1.00000	
5	600-53506-A-1-J	20 Apr 2012	14:26:16	1	6.32660	1.0	1.00	1.00000	
6	600-53506-A-1-K DU	20 Apr 2012	14:26:59	1	-2.07874	1.0	1.00	1.00000	
7	600-53506-A-1-L MS@20	20 Apr 2012	14:27:41	1	720.19183	1.0	1.00	1.00000	
8	600-53710-A-1-F	20 Apr 2012	14:28:24	1	1.61817	1.0	1.00	1.00000	
9	600-53507-A-2-D	20 Apr 2012	14:29:07	1	-2.07874	1.0	1.00	1.00000	
10	600-53507-A-1-G	20 Apr 2012	14:29:50	1	0.02774	1.0	1.00	1.00000	
11	600-53726-B-1-A	20 Apr 2012	14:30:32	1	22.03361	1.0	1.00	1.00000	
12	RMB 600-77652/11-A	20 Apr 2012	14:31:14	1	-0.67026	1.0	1.00	1.00000	
13	CCV 841648	20 Apr 2012	14:31:56	1	98.05732	1.0	1.00	1.00000	
14	CCB	20 Apr 2012	14:32:37	1	-2.07874	1.0	1.00	1.00000	
15	RLCS 600-77652/12-A@20	20 Apr 2012	14:33:19	1	228.11943	1.0	1.00	1.00000	
16	600-53675-C-1-A	20 Apr 2012	14:34:03	1	-2.07874	1.0	1.00	1.00000	
17	600-53675-C-1-B DU	20 Apr 2012	14:34:47	1	0.39165	1.0	1.00	1.00000	
18	600-53675-C-1-C MS@20	20 Apr 2012	14:35:30	1	452.57104	1.0	1.00	1.00000	
19	600-53506-A-1-L MS@20	20 Apr 2012	14:36:14	1	94.24294	1.0	1.00	1.00000	
20	600-53675-C-1-C MS@20	20 Apr 2012	14:42:41	1	591.98608	1.0	1.00	1.00000	
21	600-53675-C-1-C MS@40	20 Apr 2012	14:45:54	1	293.17752	1.0	1.00	1.00000	
22	CCV 841648	20 Apr 2012	14:48:16	1	98.27393	1.0	1.00	1.00000	
23	CCB	20 Apr 2012	14:48:59	1	-2.07874	1.0	1.00	1.00000	

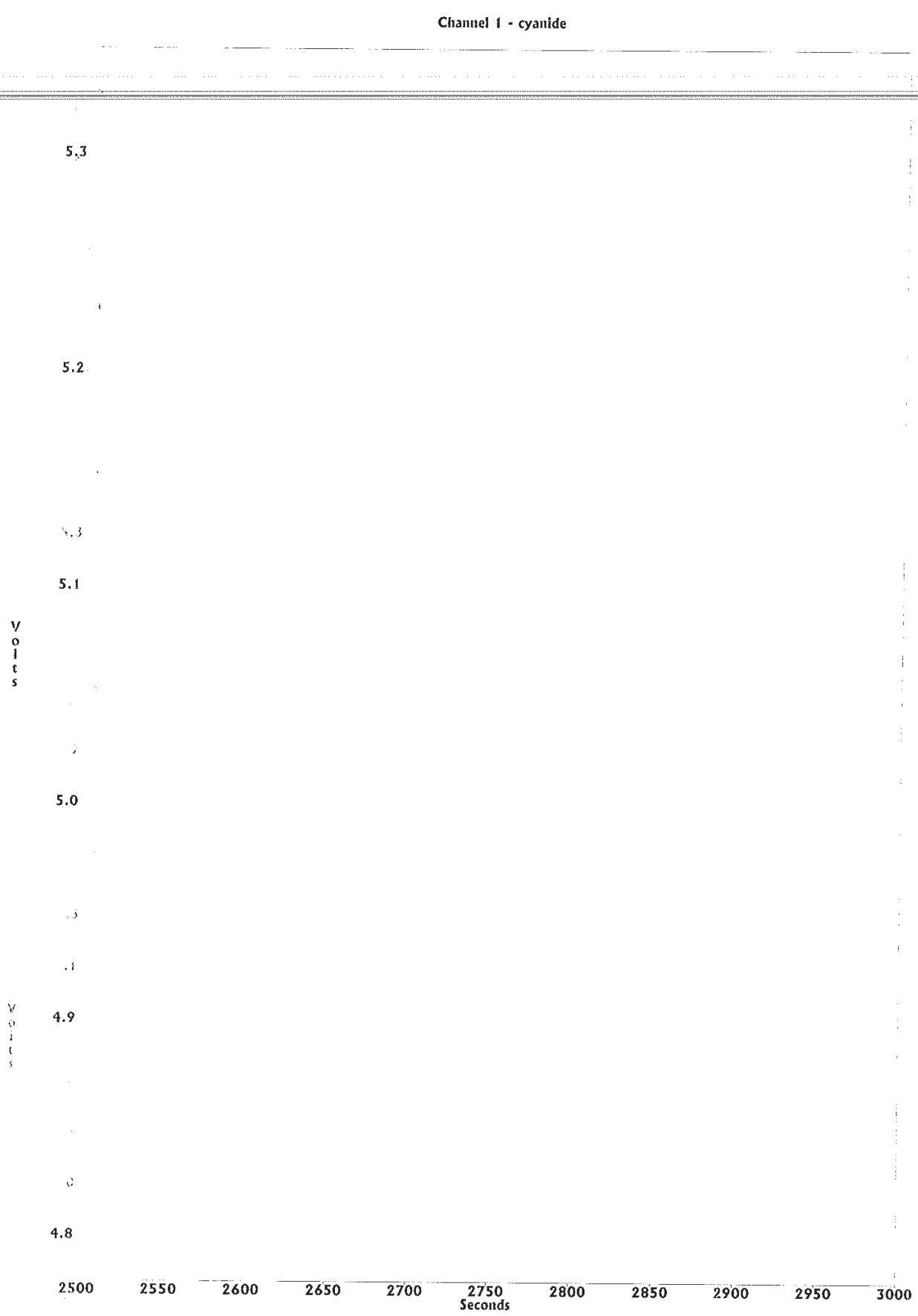

Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
300 7024615 (Area)
200 4781325 (Area)
100 2519757 (Area)
40 996582 (Area)
20 529510 (Area)
10 281626 (Area)
0 47731 (Area)
ICV 841648 97.1904 ug/L
0
50
100
150
200
250
300
350
400
450
500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
ICB -2.0787 ug/L
RMB 600-77652/1-A -2.0787 ug/L
RLCS 600-77652/2-A@20 119.6571 ug/L
600-53506-A-1-J 6.3266 ug/L
600-53506-A-1-K DU -2.0787 ug/L
600-53506-A-1-L MS@20 720.1918 ug/L
600-53710-A-1-F 1.6182 ug/L
600-53507-A-2-D -2.0787 ug/L
600-53507-A-1-G 0.0277 ug/L
600-53726-B-1-A 22.0336 ug/L
RMB 600-77652/11-A -0.6703 ug/L
CCV 841648 98.0573 ug/L
500
550
600
650
700
750
800
850
900
950
1000
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Seconds
CCB -2.0787 ug/L
RLCS 600-77652/12-A@20 228.1194 ug/L
600-53675-C-1-A -2.0787 ug/L
600-53675-C-1-B DU 0.3916 ug/L
600-53675-C-1-C MS@20 452.5710 ug/L
600-53506-A-1-L MS@20 94.2429 ug/L


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
600-53675-C-1-C-MS@20 591.9861 ug/L
600-53675-C-1-C-MS@40 293.1775 ug/L
CCV 841648 98.2739 ug/L
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
Seconds

Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCB -2.0787 ug/L
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
Volts
5.0
4.9
4.8
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
Seconds

TestAmerica Houston

SULFIDE - Titrimetric & Reactive logbook

Method: SM4500-S^2 E or SW9034 **(circle one)**

Analyst: [illegible] Batch# 77666 Date: 4/20/12 Time: 1415 / 1058

Starch Sol ID: 696004 6N HCL ID: 824545 Sulfide Std ID: 851978

Sample ID	(C) Sample Volume (mL)	(A) 0.025 N* Iodine (mL) ID: 809450	(B) 0.025 N* Sodium Thiosulfate (mL) ID: 800036	Sulfide [(A-B)/C]*400 (mg/L)	Comments (Reactives X25)
SB	100	10	10	Ø	
Undistilled	2mL/100	20	9.7	2060	
MB	100		Ø	Ø	
LCS			Ø	Ø	
600-53506-A-1			Ø	Ø	
↓ A1DU			Ø	Ø	
↓ A1MS			Ø	Ø	
600-53710-A-1			Ø	Ø	
↓ 53507-A-2			Ø	Ø	
↓ 53507-A-1			Ø	Ø	
600-53726-B-1			0.5	78	1950
MB			2.8	64.8	1620
LCS			14.0	34.0	600
600-53675-C-1			3.8	64.8	1620
↓ C1DU			0.6	77.6	1940
(14) ↓ C1MS			9.3	42.8	1070
600-53703-A-1			Ø	Ø	Ø

*For Normality other then indicated [((A*Iodine N) – (B*Thiosulfate N))/C]*16000

Reviewed By: [illegible] **Date:** 4/20/12

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 4/21/12 1500 Analyst: MB Slope: 97.61 Balance ID: B2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 704401 Batch #: 77687

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	20.5	
Calibrate 7.00	7.00	20.7	
Calibrate 10.00	10.00	20.4	
LCS/ICV	6.99	20.2	TV= 7.00 std. units
53808 - B1	7.71	20.1	WATER
Duplicate B1	7.71	20.1	
53522 A1	7.05	20.5	
53690 A1	7.65	20.2	
53749 A1	7.54	23.0	
53667 E-2	7.81	23.0	
↓ E1	7.80	23.0	
53607 A1	7.54	22.8	
53606 A1	7.39	22.9	
53604 A1	7.50	22.9	
53512 A2	9.10	23.0	
CCV	7.02	20.8	TV= 7.00 std. units
53638 C1	8.32	22.7	WATER
Duplicate ↓ C1	8.32	22.7	
53713 C1	8.29	23.1	
53512 A1	7.27	22.7	
53667 C3	7.93	22.8	
↓ E4	7.56	22.8	
53589 A1	8.49	22.6	
53675 - D1	10.33	22.3	
53717 B1	8.32	22.2	
53637 D1	8.10	22.4	
CCV	7.00	21.2	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: [signature] Date: 4/23/12

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time:_____ Analyst: MB Slope: 97.61 Balance ID: B2

Buffer ID: 4.00; 7.00; 10.00; LCS/ICV/CCV ID: 632813

1.00; _____, 13.00; _____ Batch #: 77687

(CONT'D)

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00			
Calibrate 7.00			
Calibrate 10.00			
LCS/ICV	7.01	21.2	TV= 7.00 std. units
53841 A1	7.76	21.6	SOIC
Duplicate A1	7.76	21.6	
A2	8.04	21.6	
A3	7.86	21.7	
A4	7.88	21.6	
A5	8.07	21.8	
A6	8.16	21.6	
53431 D1	7.81	21.6	
D2	7.37	21.3	
C3	7.18	21.5	
D4	7.90	21.5	
CCV	7.01	21.2	TV= 7.00 std. units
53431 C5	7.93	21.5	
Duplicate ↓ C5	7.93	21.5	
53680 A1	7.73	21.7	
↓ A2	7.61	21.5	
53703 A1	6.02	21.6	
53710 A1	8.22	21.5	
53726 A1	7.46	21.5	
53861 A1	7.49	21.6	
	4/24/12 MB		
CCV	7.01	21.2	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ **Date:** 4/25/12

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 4/23/12 0915 Analyst: MB Barometric Reading (mm Hg): 763
Thermometer ID: 540 Batch #: 77792
LCS True Value: 81 LCS ID: 570597 (closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	>186		
	LCS	82.0	81.82	
850184	600-53726-A1	210	209.82	D92
849527	600-53685 A1	>212		↓
846133	600-53503 A1	>186		1010
849527	600-53685 A1 DUP	>212		D92
851804	600-53834 A1	>186		1010
	↓ DUP	>186		↓
849932	600-53710 B1	>212		D92
	CCV	82.0	81.82	

4/23/12 MB

Flashpoint Barometric Pressure Correction Formula:
Corrected Flashpoint = F + 0.06 (760-P)
Where: F = Observed Flashpoint Temperature (°F)
P = Ambient Barometric Pressure (mm Hg)

Reviewed By: _____ Date: 4/23/12

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77652 Batch Start Date: 04/20/12 13:58 Batch Analyst: Tews, Nathan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00507	WETRCYANID 00016		
MB 600-77652/1		7.3.4, 9012		10 mL	250 mL				
LCS 600-77652/2		7.3.4, 9012		10 mL	250 mL	10 mL	10 mL		
600-53710-A-1	IDW-4	7.3.4, 9012	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-385

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77795 Batch Start Date: 04/20/12 14:57 Batch Analyst: Grimm, Brandon D

Batch Method: 9012 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 600-77652/1-A		9012		5 mL	5 mL				
LCS 600-77652/2-A		9012		5 mL	5 mL				
600-53710-A-1-F	IDW-4	9012	T	5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-386

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77652 Batch Start Date: 04/20/12 13:58 Batch Analyst: Tews, Nathan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00507	WETRCYANID 00016		
MB 600-77652/1		7.3.4, 7.4.4		10 mL	250 mL				
LCS 600-77652/2		7.3.4, 7.4.4		10 mL	250 mL	10 mL	10 mL		
600-53710-A-1	IDW-4	7.3.4, 7.4.4	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-387

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77665 Batch Start Date: 04/20/12 14:15 Batch Analyst: Walker, Gerald (Gerry) C

Batch Method: 7.4.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 600-77652/1-A		7.4.4		100 mL	100 mL				
LCS 600-77652/2-A		7.4.4		100 mL	100 mL				
600-53710-A-1-F	IDW-4	7.4.4	T	100 mL	100 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-388

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77687 Batch Start Date: 04/21/12 15:00 Batch Analyst: Boza, Michael

Batch Method: 9045C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
CCV 600-77687/24		9045C		50 mL	21.2 Celsius	7.00 SU	pH = Read 1	50 mL	
LCS 600-77687/25		9045C		50 mL	21.2 Celsius	7.01 SU	pH = Read 1	50 mL	
CCV 600-77687/37		9045C		50 mL	21.2 Celsius	7.01 SU	pH = Read 1	50 mL	
600-53710-A-1	IDW-4	9045C	T	20 mL	21.5 Celsius	8.22 SU	pH = Read 1		
CCV 600-77687/46		9045C		50 mL	21.2 Celsius	7.01 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-389

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77742 Batch Start Date: 04/23/12 09:15 Batch Analyst: Boza, Michael

Batch Method: D92 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	WETRPXYLEN 00005					
LCS 600-77742/2		D92		60 mL					
CCV 600-77742/10		D92		60 mL					

Batch Notes	
Barometric Pressure at Time of Analysis	763
ID number of the thermometer	540

Basis	Basis Description

A12-390

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77568 Batch Start Date: 04/19/12 15:30 Batch Analyst: Daniel, Kevin R

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
600-53710-D-1	IDW-4	Moisture	T	3	1.14 g	20.13 g	16.52 g		

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-391

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732

Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:
City: Round Rock	
State, Zip: TX, 78664	PO #:
Phone: (512) 671-3434	WO #:
Email: chris.moore@pbwllc.com	Project #: 1732
Project Name: Exide Frisco Recycling Center Work Plan Implementation	SSOW#:
Site: Exide Frisco Recycling Center	

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	-TCLP RCRA 8	-RCT	Total Number of containers	Special Instructions/Note:
			Preservation Code:				1												
-DW-4	4/17/12	1300	C	S	X		X									X	X		

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For ∞ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fed Ex
Relinquished by:	Date/Time: 4/17/12 1530	Company: PBW	Received by: Date/Time: 4/18/12 956 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-53710-1

Login Number: 53710
List Number: 1
Creator: Meeler, Brandi M

List Source: TestAmerica Houston

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

LINKS

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
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TestAmerica Job ID: 600-52117-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, Texas 78664

Attn: Mr. Chris Moore

Authorized for release by:
4/18/2012 5:32:19 PM
Cathy Upton
LAN Analyst
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Designee for

Sachin Kudchadkar
Project Manager II
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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Method Summary 24
Sample Summary 25
Client Sample Results 26
Definitions/Glossary 27
QC Sample Results 28
Default Detection Limits 32
QC Association Summary 33
Lab Chronicle 35
Certification Summary 36
Raw Data 37
Chain of Custody 282
Receipt Checklists 283

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-52117-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		04/18/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 75619 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?		X			1
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?			X		
		Were blanks analyzed at the appropriate frequency?			X		
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			X		
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 75619 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 75619 - pH

ER #[1]	DESCRIPTION
1	The EPA has clarified that the Analyzed Immediately holding time is fifteen minutes from sample collection time. As a result, the holding times for pH had already expired by the time the samples arrived at our laboratory.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75477- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75477- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75477- Ignitability (Flashpoint)
ER #[1]	**DESCRIPTION**

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75826-Reactivity, Cyanide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75826-Reactivity, Cyanide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75826-Reactivity, Cyanide
ER #[1]	**DESCRIPTION**

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/18/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-77259-Reactivity, Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/18/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-77259-Reactivity, Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/18/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-77259-Reactivity, Sulfide

ER #[1]	DESCRIPTION
1	The laboratory selected a sample from another group to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75754(SPLP), 75042(water)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75754(SPLP), 75042(water)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75754(SPLP), 75042(water)- ICP

ER #[1]	DESCRIPTION
1	Arsenic and barium were detected above the MDL, but below the MQL in the leachate blank. The levels of detection are below the recommended reporting limits and the appropriate flags have been applied.
2	The laboratory selected another client's sample to perform as the DUP.
3	Arsenic was detected above the MDL in the CCB's analyzed on 03/28/12 at 11:13 and 11:59. Since the concentrations were below the MQL, no corrective action was required.
4	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75815- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	2
		Were MS/MSD RPDs within laboratory QC limits?				X	2
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	3
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75815- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	4
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75815- Mercury

ER #[1]	DESCRIPTION
1	Mercury was detected above the MDL, but below the MQL in the prep blank and the leachate blank. The levels of detection are below the recommended reporting limit and the appropriate flags have been applied.
2	The laboratory selected another client's sample to perform as the MS/MSD.
3	The laboratory selected another client's sample to perform as the DUP.
4	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALs Batches:	75833
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.008	0.5
Antimony	0.0063	0.01	0.0095	0.05
Arsenic	0.0033	0.01	0.0079	0.01
Barium	0.0022	0.005	0.0049	0.02
Beryllium	0.00134	0.002	0.0042	0.005
Boron	0.0077	0.02	0.0204	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.0589	1
Chromium	0.0016	0.002	0.0043	0.01
Cobalt	0.00063	0.001	0.0011	0.01
Copper	0.0014	0.002	0.0014	0.01
Iron	0.087	0.1	0.1005	0.4
Lithium	0.0024	0.005	0.0054	0.2
Lead	0.0029	0.005	0.0054	0.01
Selenium	0.0042	0.01	0.0084	0.04
Manganese	0.00084	0.002	0.002	0.01
Molybdenum	0.0027	0.005	0.005	0.01
Nickel	0.00179	0.005	0.0049	0.01
Silver	0.0012	0.0025	0.0025	0.01
Sodium	0.02	0.05	0.0559	1
Strontium	0.0005	0.001	0.0011	0.005
Thallium	0.0078	0.02	0.0195	0.03
Tin	0.0028	0.005	0.0048	0.01
Titanium	0.0011	0.002	0.0018	0.01
Vanadium	0.0017	0.002	0.0048	0.01
Zinc	0.0022	0.005	0.0064	0.01

Detection Check Standard

Matrix:	Water
Method:	7470, 245.1
Preparation:	7470p, 245.1p
Date Analyzed:	2/28/2012
Date Prepared:	2/28/2012
Instrument:	FIMS100
TALs Batches:	73427
Units:	ug/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	0.026	0.0625	0.0296	0.2

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
7470A	Mercury (CVAA)	SW846	TAL HOU
7.4.4	Reactive Sulfide	EPA	TAL HOU
9012	Cyanide, Reactive	SW846	TAL HOU
9040B	Corrosivity as pH	SW846	TAL HOU
SW846 Ch. 7	Ignitability	SW846	TAL HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-52117-1	IDW 3	Water	03/15/12 12:10	03/16/12 09:09

Client Sample ID: IDW 4
Date Colledtec: 04/75/73 73:70
Date Redei2ec: 04/76/73 0P:0P

Lab Sample ID: 600-53771-7
Matrix: Water

Met8oc: 6070. - Metals vIC9h

(nalj te	Result	Bualiüer	MBL v(c)h	SDL	z nit	D	9reparec	(nalj Fec	Dil yad
Leac	0Q0P74	A	0.0100	0.00290	mg/L		03/19/12 11:36	03/23/12 12:51	1

Met8oc: 6070. - Metals vIC9h- f CL9

(nalj te	Result	Bualiüer	MBL v(c)h	SDL	z nit	D	9reparec	(nalj Fec	Dil yad
Pb	0.0290	U	0.100	0.0290	mg/L		03/27/12 14:15	03/28/12 11:05	1
Cr	0.0155	U	0.100	0.0155	mg/L		03/27/12 14:15	03/28/12 11:05	1
Cd	0.00350	U	0.0500	0.00350	mg/L		03/27/12 14:15	03/28/12 11:05	1
. a	0Q75	b	0.200	0.0220	mg/L		03/27/12 14:15	03/28/12 11:05	1
As	0.0328	U	0.100	0.0328	mg/L		03/27/12 14:15	03/28/12 11:05	1
Ag	0.0125	U	0.100	0.0125	mg/L		03/27/12 14:15	03/28/12 11:05	1
Se	0.0417	U	0.400	0.0417	mg/L		03/27/12 14:15	03/28/12 11:05	1

Met8oc: 1T10(- Merdurj vCJ((h- f CL9

(nalj te	Result	Bualiüer	MBL v(c)h	SDL	z nit	D	9reparec	(nalj Fec	Dil yad
Merdurj	0Q457	Ab	0.200	0.0260	ug/L		03/28/12 08:49	03/28/12 17:32	1

Veneral C8emistrj

(nalj te	Result	Bualiüer	MBL v(c)h	SDL	z nit	D	9reparec	(nalj Fec	Dil yad
Sulfide, Reactive	1.40	U	50.0	1.40	mg/L		04/16/12 13:19	04/16/12 16:36	1
Cyanide, Reactive	0.0397	U	0.250	0.0397	mg/L		03/28/12 09:29	03/27/12 17:00	1
pG	1Q1	G	0.0100	0.0100	SU			03/26/12 09:20	1
ylas8point	H7>6		1.00	1.00	Degrees F			03/22/12 16:00	1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.
b	The compound was found in the blank and sample

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-75042/1-A
Matrix: Water
Analysis Batch: 75482

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75042

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00290	U	0.0100	0.00290	mg/L		03/19/12 11:36	03/23/12 12:43	1

Lab Sample ID: LCS 600-75042/2-A
Matrix: Water
Analysis Batch: 75482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.9845		mg/L		98	80 - 120

Lab Sample ID: MB 600-75754/1-A
Matrix: Water
Analysis Batch: 75851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75754

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.00155	U	0.0100	0.00155	mg/L		03/27/12 14:15	03/28/12 10:31	1
Pb	0.00290	U	0.0100	0.00290	mg/L		03/27/12 14:15	03/28/12 10:31	1
Cd	0.000350	U	0.00500	0.000350	mg/L		03/27/12 14:15	03/28/12 10:31	1
Ba	0.00220	U	0.0200	0.00220	mg/L		03/27/12 14:15	03/28/12 10:31	1
As	0.00328	U	0.0100	0.00328	mg/L		03/27/12 14:15	03/28/12 10:31	1
Ag	0.00125	U	0.0100	0.00125	mg/L		03/27/12 14:15	03/28/12 10:31	1
Se	0.00417	U	0.0400	0.00417	mg/L		03/27/12 14:15	03/28/12 10:31	1

Lab Sample ID: LCS 600-75754/2-A
Matrix: Water
Analysis Batch: 75851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	1.00	1.030		mg/L		103	80 - 120
Pb	1.00	1.036		mg/L		104	80 - 120
Cd	0.500	0.5266		mg/L		105	80 - 120
Ba	1.00	1.041		mg/L		104	80 - 120
As	1.00	1.039		mg/L		104	80 - 120
Ag	0.500	0.5176		mg/L		104	80 - 120
Se	1.00	1.029		mg/L		103	80 - 120

Lab Sample ID: LB 600-75710/1-B LB
Matrix: Water
Analysis Batch: 75851

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 75754

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.0155	U	0.100	0.0155	mg/L		03/27/12 14:15	03/28/12 10:39	1
Pb	0.0290	U	0.100	0.0290	mg/L		03/27/12 14:15	03/28/12 10:39	1
Cd	0.00350	U	0.0500	0.00350	mg/L		03/27/12 14:15	03/28/12 10:39	1
Ba	0.05370	J	0.200	0.0220	mg/L		03/27/12 14:15	03/28/12 10:39	1
As	0.03750	J	0.100	0.0328	mg/L		03/27/12 14:15	03/28/12 10:39	1
Ag	0.0125	U	0.100	0.0125	mg/L		03/27/12 14:15	03/28/12 10:39	1
Se	0.0417	U	0.400	0.0417	mg/L		03/27/12 14:15	03/28/12 10:39	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-52117-1 MS — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 75851 — **Prep Batch: 75754**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	0.0155	U	10.0	10.21		mg/L		102	75 - 125
Pb	0.0290	U	10.0	10.33		mg/L		103	75 - 125
Cd	0.00350	U	5.00	5.289		mg/L		106	75 - 125
Ba	0.415	b	10.0	10.98		mg/L		106	75 - 125
As	0.0328	U	10.0	10.62		mg/L		106	75 - 125
Ag	0.0125	U	5.00	4.830		mg/L		97	75 - 125
Se	0.0417	U	10.0	10.32		mg/L		103	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-75815/7-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75902 — **Prep Batch: 75815**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.04043	J	0.200	0.0260	ug/L		03/28/12 08:49	03/28/12 17:09	1

Lab Sample ID: LCS 600-75815/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75902 — **Prep Batch: 75815**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	3.015		ug/L		100	70 - 130

Lab Sample ID: LB 600-75710/1-E LB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 75902 — **Prep Batch: 75815**

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.04243	J	0.200	0.0260	ug/L		03/28/12 08:49	03/28/12 17:13	1

Method: 7.4.4 - Reactive Sulfide

Lab Sample ID: MB 600-77259/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 77293 — **Prep Batch: 77259**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	1.40	U	50.0	1.40	mg/L		04/16/12 13:19	04/16/12 16:36	1

Lab Sample ID: LCS 600-77259/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 77293 — **Prep Batch: 77259**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	2260	1.40	U	mg/L		0	0 - 100

Method: 7.4.4 - Reactive Sulfide (Continued)

Lab Sample ID: 600-52117-1 MS — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 77293 — **Prep Batch: 77259**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1.40	U	2260	1.40	U	mg/L		0	0 - 100

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-75813/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75813**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	0.0397	U	0.250	0.0397	mg/L		03/27/12 17:00	03/27/12 17:00	1

Lab Sample ID: LCS 600-75813/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75813**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	62.65		mg/L		0.006	0 - 100

Lab Sample ID: 600-52117-1 MS — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	0.0397	U	1000000	91.13		mg/L		0.009	0 - 100

Lab Sample ID: 600-52117-1 DU — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75826**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	0.0397	U	0.0397	U	mg/L		NC	20

Method: 9040B - Corrosivity as pH

Lab Sample ID: LCS 600-75619/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

Method: SW846 Ch. 7 - Ignitability

Lab Sample ID: MB 600-75477/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75477

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			03/22/12 16:00	1

Method: SW846 Ch. 7 - Ignitability (Continued)

Lab Sample ID: LCS 600-75477/2
Matrix: Water
Analysis Batch: 75477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.18		Degrees F		101	96.9 - 103.1 09		

Lab Sample ID: 600-52117-1 DU
Matrix: Water
Analysis Batch: 75477

Client Sample ID: IDW 3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>186			>186		Degrees F				NC	20

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Lead	0.0100	0.00290	mg/L	6010B

Method: 6010B - Metals (ICP) - TCLP

Analyte	MQL	MDL	Units	Method
Ag	0.0100	0.00125	mg/L	6010B
As	0.0100	0.00328	mg/L	6010B
Ba	0.0200	0.00220	mg/L	6010B
Cd	0.00500	0.000350	mg/L	6010B
Cr	0.0100	0.00155	mg/L	6010B
Pb	0.0100	0.00290	mg/L	6010B
Se	0.0400	0.00417	mg/L	6010B

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	MQL	MDL	Units	Method
Mercury	0.200	0.0260	ug/L	7470A

General Chemistry

Analyte	MQL	MDL	Units	Method
Sulfide, Reactive	50.0	1.40	mg/L	7.4.4
Cyanide, Reactive	0.250	0.0397	mg/L	9012
pH	0.0100	0.0100	SU	9040B
Flashpoint	1.00	1.00	Degrees F	SW846 Ch. 7

Metals

Prep Batch: 75042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	4070A	
LCS 600-150M3/3-A	Lab Control Samkle	Total/UA	Water	4070A	
8 B 600-150M3/7-A	8 ethod Blan9	Total/UA	Water	4070A	

Analysis Batch: 75482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	6070B	150M3
LCS 600-150M3/3-A	Lab Control Samkle	Total/UA	Water	6070B	150M3
8 B 600-150M3/7-A	8 ethod Blan9	Total/UA	Water	6070B	150M3

Leach Batch: 75710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	TCLP	Water	7477	
600-53771-7 8 S	IDW 4	TCLP	Water	7477	
LB 600-15170/7-B LB	8 ethod Blan9	TCLP	Water	7477	
LB 600-15170/7-E LB	8 ethod Blan9	TCLP	Water	7477	

Prep Batch: 75754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	TCLP	Water	4070A	15170
600-53771-7 8 S	IDW 4	TCLP	Water	4070A	15170
LB 600-15170/7-B LB	8 ethod Blan9	TCLP	Water	4070A	15170
LCS 600-1515M3-A	Lab Control Samkle	Total/UA	Water	4070A	
8 B 600-1515M7-A	8 ethod Blan9	Total/UA	Water	4070A	

Prep Batch: 75815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	TCLP	Water	1M10A	15170
LB 600-15170/7-E LB	8 ethod Blan9	TCLP	Water	1M10A	15170
LCS 600-15275/2-A	Lab Control Samkle	Total/UA	Water	1M10A	
8 B 600-15275/1-A	8 ethod Blan9	Total/UA	Water	1M10A	

Analysis Batch: 75851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	TCLP	Water	6070B	1515M
600-53771-7 8 S	IDW 4	TCLP	Water	6070B	1515M
LB 600-15170/7-B LB	8 ethod Blan9	TCLP	Water	6070B	1515M
LCS 600-1515M3-A	Lab Control Samkle	Total/UA	Water	6070B	1515M
8 B 600-1515M7-A	8 ethod Blan9	Total/UA	Water	6070B	1515M

Analysis Batch: 75902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	TCLP	Water	1M10A	15275
LB 600-15170/7-E LB	8 ethod Blan9	TCLP	Water	1M10A	15275
LCS 600-15275/2-A	Lab Control Samkle	Total/UA	Water	1M10A	15275
8 B 600-15275/1-A	8 ethod Blan9	Total/UA	Water	1M10A	15275

General Chemistry

Analysis Batch: 75477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	SW2M6 Chp1	

General Chemistry (Continued)

Analysis Batch: 75477 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7 Du	IDW 4	Total/UA	Water	SW2M6 Chp1	
LCS 600-15M1 1/3	Lab Control Samkle	Total/UA	Water	SW2M6 Chp1	
8 B 600-15M1 1/7	8 ethod Blan9	Total/UA	Water	SW2M6 Chp1	

Analysis Batch: 75619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	. 0M0B	
LCS 600-1567. /7	Lab Control Samkle	Total/UA	Water	. 0M0B	

Prep Batch: 75813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-15274/3-A	Lab Control Samkle	Total/UA	Water	1p4p4	
8 B 600-15274/7-A	8 ethod Blan9	Total/UA	Water	1p4p4	

Prep Batch: 75826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	1p4p4	
600-53771-7 Du	IDW 4	Total/UA	Water	1p4p4	
600-53771-7 8 S	IDW 4	Total/UA	Water	1p4p4	

Analysis Batch: 75896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	. 073	15236
600-53771-7 Du	IDW 4	Total/UA	Water	. 073	15236
600-53771-7 8 S	IDW 4	Total/UA	Water	. 073	15236
LCS 600-15274/3-A	Lab Control Samkle	Total/UA	Water	. 073	15274
8 B 600-15274/7-A	8 ethod Blan9	Total/UA	Water	. 073	15274

Prep Batch: 77259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	1p4pM	
600-53771-7 8 S	IDW 4	Total/UA	Water	1p4pM	
LCS 600-1135. /3-A	Lab Control Samkle	Total/UA	Water	1p4pM	
8 B 600-1135. /7-A	8 ethod Blan9	Total/UA	Water	1p4pM	

Analysis Batch: 77293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53771-7	IDW 4	Total/UA	Water	1pMpM	1135.
600-53771-7 8 S	IDW 4	Total/UA	Water	1pMpM	1135.
LCS 600-1135. /3-A	Lab Control Samkle	Total/UA	Water	1pMpM	1135.
8 B 600-1135. /7-A	8 ethod Blan9	Total/UA	Water	1pMpM	1135.

Client Sample ID: IDW 3
Date Collected: 03/15/12 12:10
Date Received: 03/16/12 09:09

Lab Sample ID: 600-52117-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			75042	03/19/12 11:36	NER	TAL HOU
Total/NA	Analysis	6010B		1	75482	03/23/12 12:51	DCL	TAL HOU
TCLP	Leach	1311			75710	03/26/12 17:30	TWR	TAL HOU
TCLP	Prep	3010A			75754	03/27/12 14:15	NER	TAL HOU
TCLP	Analysis	6010B		1	75851	03/28/12 11:05	DCL	TAL HOU
TCLP	Prep	7470A			75815	03/28/12 08:49	SRP	TAL HOU
TCLP	Analysis	7470A		1	75902	03/28/12 17:32	SRP	TAL HOU
Total/NA	Analysis	SW846 Ch. 7		1	75477	03/22/12 16:00	SUP	TAL HOU
Total/NA	Analysis	9040B		1	75619	03/26/12 09:20	MB	TAL HOU
Total/NA	Analysis	9012		1	75896	03/27/12 17:00	GCW	TAL HOU
Total/NA	Prep	7.3.3			75826	03/28/12 09:29	GCW	TAL HOU
Total/NA	Prep	7.3.4			77259	04/16/12 13:19	AS	TAL HOU
Total/NA	Analysis	7.4.4		1	77293	04/16/12 16:36	ES	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53771-7

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0159
TestAmerica Houston	Louisiana	OELAC	6	406N4
TestAmerica Houston	2 klahoma	State Program	6	9504
TestAmerica Houston	Texas	OELAC	6	T70N10N334-70-6-TX
TestAmerica Houston	USDA	Federal		P440-08-00371
TestAmerica Houston	Utah	OELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW 3	600-52117-1

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW 3 Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG ID.:

Matrix: Water Date Sampled: 03/15/2012 12:10

Reporting Basis: WET Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00913	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW 3 | Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston | Job No.: 600-52117-1

SDG ID.:

Matrix: Water | Date Sampled: 03/15/2012 12:10

Reporting Basis: WET | Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	0.0290	0.100	0.0290	mg/L	U		1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.00350	0.0500	0.00350	mg/L	U		1	6010B
7440-39-3	Ba	0.415	0.200	0.0220	mg/L		b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0417	0.400	0.0417	mg/L	U		1	6010B
7439-97-6	Mercury	0.0351	0.200	0.0260	ug/L	J	b	1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	ICV 600-75482/4 03/23/2012 07:52				CCV 600-75482/45 03/23/2012 10:48				CCV 600-75482/57 03/23/2012 13:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.5007		0.500	100	0.4871		0.500	97	0.4680		0.500	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	CCV 600-75482/69 03/23/2012 14:04				CCV 600-75482/81 03/23/2012 14:50				CCV 600-75482/84 03/23/2012 15:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4672		0.500	93	0.4623		0.500	92	0.4739		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	ICV 600-75851/4 03/28/2012 10:01				CCV 600-75851/9 03/28/2012 10:20				CCV 600-75851/21 03/28/2012 11:09			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2480		0.250	99	0.2491		0.250	100	0.2500		0.250	100
As	0.5029		0.500	101	0.5068		0.500	101	0.5102		0.500	102
Ba	0.4974		0.500	99	0.5043		0.500	101	0.5091		0.500	102
Cd	0.5051		0.500	101	0.5096		0.500	102	0.5236		0.500	105
Cr	0.4997		0.500	100	0.4994		0.500	100	0.4991		0.500	100
Pb	0.5006		0.500	100	0.5022		0.500	100	0.5088		0.500	102
Se	0.5115		0.500	102	0.5068		0.500	101	0.5110		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	CCV 600-75851/33 03/28/2012 11:56				CCV 600-75851/45 03/28/2012 12:42							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2414		0.250	97	0.2474		0.250	99				
As	0.4984		0.500	100	0.5093		0.500	102				
Ba	0.4982		0.500	100	0.5150		0.500	103				
Cd	0.5115		0.500	102	0.5273		0.500	105				
Cr	0.4791		0.500	96	0.4867		0.500	97				
Pb	0.4939		0.500	99	0.5035		0.500	101				
Se	0.4938		0.500	99	0.4997		0.500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MER0312S2_00019 Concentration Units: ug/L

CCV Source: MER0312S2_00019

Analyte	ICV 600-75902/8 03/28/2012 16:58				CCV 600-75902/11 03/28/2012 17:04				CCV 600-75902/23 03/28/2012 17:28			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.042		3.00	101	3.006		3.00	100	3.046		3.00	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MER0312S2_00019 Concentration Units: ug/L

CCV Source: MER0312S2_00019

Analyte	CCV 600-75902/35 03/28/2012 17:50				CCV 600-75902/47 03/28/2012 18:13				CCV 600-75902/57 03/28/2012 18:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.110		3.00	104	2.882		3.00	96	2.935		3.00	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-75482/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.01009		101	50-150

Lab Sample ID: CRI 600-75851/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.01010		101	50-150
Pb	0.0100	0.009970	J	100	50-150
Cd	0.00500	0.005290		106	50-150
Ba	0.0100	0.009810	J	98	50-150
As	0.0100	0.01254		125	50-150
Ag	0.00500	0.004810	J	96	50-150
Se	0.0100	0.008650	J	87	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Method: 7470A Instrument ID: FIMS01

Lab Sample ID: CRA 600-75902/10 Concentration Units: ug/L

CRQL Check Standard Source: MER0312S1_00022

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.2329		116	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75482/5 03/23/2012 07:56		CCB 600-75482/46 03/23/2012 10:51		CCB 600-75482/58 03/23/2012 13:22		CCB 600-75482/70 03/23/2012 14:08	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-75482/82 03/23/2012 14:54		CCB 600-75482/85 03/23/2012 15:06					
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75851/5 03/28/2012 10:05		CCB 600-75851/10 03/28/2012 10:24		CCB 600-75851/22 03/28/2012 11:13		CCB 600-75851/34 03/28/2012 11:59	
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
As	0.0100	0.00328	U	0.00328	U	0.004290	J	0.004290	J
Ba	0.0200	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Cd	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Cr	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Pb	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Se	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-75851/46 03/28/2012 12:46							
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U						
As	0.0100	0.00328	U						
Ba	0.0200	0.00220	U						
Cd	0.00500	0.000350	U						
Cr	0.0100	0.00155	U						
Pb	0.0100	0.00290	U						
Se	0.0400	0.00417	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 600-75902/9 03/28/2012 17:00		CCB 600-75902/12 03/28/2012 17:07		CCB 600-75902/24 03/28/2012 17:30		CCB 600-75902/36 03/28/2012 17:53	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.03928	J	0.03803	J	0.04586	J	0.05096	J

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 600-75902/48 03/28/2012 18:15		CCB 600-75902/58 03/28/2012 18:33					
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.03617	J	0.07907	J				

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-75042/1-A

Instrument Code: TJA1 Batch No.: 75482

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-75754/1-A

Instrument Code: TJA1 Batch No.: 75851

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.00155	U		6010B
7439-92-1	Pb	0.00290	U		6010B
7440-43-9	Cd	0.000350	U		6010B
7440-39-3	Ba	0.00220	U		6010B
7440-38-2	As	0.00328	U		6010B
7440-22-4	Ag	0.00125	U		6010B
7782-49-2	Se	0.00417	U		6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-75710/1-B

Instrument Code: TJA1 Batch No.: 75851

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.0155	U		6010B
7439-92-1	Pb	0.0290	U		6010B
7440-43-9	Cd	0.00350	U		6010B
7440-39-3	Ba	0.05370	J		6010B
7440-38-2	As	0.03750	J		6010B
7440-22-4	Ag	0.0125	U		6010B
7782-49-2	Se	0.0417	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 600-75815/7-A

Instrument Code: FIMS01 Batch No.: 75902

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.04043	J		7470A

FORM III-IN

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 600-75710/1-E

Instrument Code: FIMS01 Batch No.: 75902

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.04243	J		7470A

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSA 600-75482/7 Instrument ID: TJA1

Lab File ID: A032312 ICS Source: METISA_00070

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Lead		**0.0025**	
Aluminum	*500*	*511*	*102*
Antimony		*0.0029*	
Arsenic		*0.0010*	
Barium		*0.0017*	
Beryllium		*0.0000*	
Boron		*-0.0030*	
Cadmium		*-0.0044*	
Calcium	*500*	*463*	*93*
Chromium		*0.0020*	
Cobalt		*-0.0003*	
Copper		*0.0139*	
Iron	*200*	*198*	*99*
Lithium		*0.0044*	
Magnesium	*500*	*528*	*106*
Manganese		*-0.0079*	
Molybdenum		*0.0005*	
Nickel		*0.0008*	
Potassium		*0.128*	
Selenium		*-0.0037*	
Silicon		*0.0162*	
Silver		*0.0002*	
Sodium		*0.194*	
Strontium		*-0.0092*	
Thallium		*-0.0183*	
Tin		*-0.0013*	
Titanium		*-0.0035*	
Vanadium		*0.0033*	
Zinc		*-0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSAB 600-75482/8 Instrument ID: TJA1

Lab File ID: A032312 ICS Source: METISB_00072

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**1.00**	**0.982**	**98**
Aluminum	*510*	*511*	*100*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.496*	*99*
Boron	*1.00*	*1.03*	*103*
Cadmium	*0.500*	*0.469*	*94*
Calcium	*510*	*461*	*90*
Chromium	*1.00*	*0.976*	*98*
Cobalt	*1.00*	*0.946*	*95*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*203*	*97*
Lithium	*1.00*	*1.16*	*116*
Magnesium	*510*	*528*	*103*
Manganese	*1.00*	*0.970*	*97*
Molybdenum	*1.00*	*0.997*	*100*
Nickel	*1.00*	*0.934*	*93*
Potassium	*10.0*	*14.0*	*140*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.02*	*102*
Silver	*0.500*	*0.537*	*107*
Sodium	*10.0*	*13.1*	*131*
Strontium	*0.500*	*0.490*	*98*
Thallium	*1.00*	*0.964*	*96*
Tin	*1.00*	*0.999*	*100*
Titanium	*1.00*	*0.996*	*100*
Vanadium	*1.00*	*0.991*	*99*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSA 600-75851/7 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.0004**	
As		**0.0014**	
Ba		**0.0018**	
Cd		**-0.0043**	
Cr		**0.0020**	
Pb		**0.0059**	
Se		**-0.0044**	
Aluminum	*500*	*500*	*100*
Antimony		*-0.0019*	
Beryllium		*-0.0001*	
Boron		*0.0014*	
Calcium	*500*	*452*	*90*
Cobalt		*-0.0006*	
Copper		*0.0133*	
Iron	*200*	*195*	*97*
Lithium		*0.0044*	
Magnesium	*500*	*516*	*103*
Manganese		*-0.0076*	
Molybdenum		*0.0004*	
Nickel		*0.0002*	
Potassium		*0.127*	
Silicon		*0.0111*	
Sodium		*0.194*	
Strontium		*-0.0089*	
Thallium		*-0.0078*	
Tin		*-0.0035*	
Titanium		*-0.0031*	
Vanadium		*0.0040*	
Zinc		*-0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSAB 600-75851/8 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.553**	**111**
As	**1.00**	**1.05**	**105**
Ba	**1.00**	**1.06**	**106**
Cd	**0.500**	**0.484**	**97**
Cr	**1.00**	**0.996**	**100**
Pb	**1.00**	**1.00**	**100**
Se	**1.00**	**1.03**	**103**
Aluminum	*510*	*516*	*101*
Antimony	*1.00*	*1.06*	*106*
Beryllium	*0.500*	*0.503*	*101*
Boron	*1.00*	*1.07*	*107*
Calcium	*510*	*462*	*91*
Cobalt	*1.00*	*0.965*	*97*
Copper	*1.00*	*1.09*	*109*
Iron	*210*	*206*	*98*
Lithium	*1.00*	*1.20*	*120*
Magnesium	*510*	*530*	*104*
Manganese	*1.00*	*0.994*	*99*
Molybdenum	*1.00*	*1.02*	*102*
Nickel	*1.00*	*0.971*	*97*
Potassium	*10.0*	*14.4*	*144*
Silicon	*1.00*	*1.03*	*103*
Sodium	*10.0*	*13.5*	*135*
Strontium	*0.500*	*0.511*	*102*
Thallium	*1.00*	*1.02*	*102*
Tin	*1.00*	*1.02*	*102*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*1.05*	*105*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSA 600-75851/111 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.0008**	
As		**0.0021**	
Ba		**0.0019**	
Cd		**-0.0068**	
Cr		**0.0018**	
Pb		**0.0065**	
Se		**-0.0122**	
Aluminum	*500*	*496*	*99*
Antimony		*0.0033*	
Beryllium		*-0.0009*	
Boron		*-0.0096*	
Calcium	*500*	*453*	*91*
Cobalt		*-0.0008*	
Copper		*0.0111*	
Iron	*200*	*200*	*100*
Lithium		*0.0051*	
Magnesium	*500*	*509*	*102*
Manganese		*-0.0073*	
Molybdenum		*0.0019*	
Nickel		*0.0000*	
Potassium		*0.403*	
Silicon		*0.0056*	
Sodium		*0.0424*	
Sodium		*0.255*	
Strontium		*-0.0088*	
Thallium		*0.0105*	
Tin		*-0.0040*	
Titanium		*-0.0034*	
Vanadium		*0.0044*	
Zinc		*-0.0027*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSAB 600-75851/112 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.553**	**111**
As	**1.00**	**1.06**	**106**
Ba	**1.00**	**1.11**	**111**
Cd	**0.500**	**0.507**	**101**
Cr	**1.00**	**0.973**	**97**
Pb	**1.00**	**1.02**	**102**
Se	**1.00**	**1.02**	**102**
Aluminum	*510*	*504*	*99*
Antimony	*1.00*	*1.11*	*111*
Beryllium	*0.500*	*0.477*	*95*
Boron	*1.00*	*1.09*	*109*
Calcium	*510*	*461*	*90*
Cobalt	*1.00*	*0.947*	*95*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*210*	*100*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*519*	*102*
Manganese	*1.00*	*0.991*	*99*
Molybdenum	*1.00*	*1.04*	*104*
Nickel	*1.00*	*1.01*	*101*
Potassium	*10.0*	*15.2*	*152*
Silicon	*1.00*	*1.02*	*102*
Sodium	*10.0*	*12.1*	*121*
Sodium	*10.0*	*14.0*	*140*
Strontium	*0.500*	*0.537*	*107*
Thallium	*1.00*	*1.10*	*110*
Tin	*1.00*	*1.02*	*102*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*0.996*	*100*
Zinc	*1.00*	*1.07*	*107*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: IDW 3 MS
Lab ID: 600-52117-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-52117-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cr	10.21		0.0155	U	10.0	102	75-125		6010B
Pb	10.33		0.0290	U	10.0	103	75-125		6010B
Cd	5.289		0.00350	U	5.00	106	75-125		6010B
Ba	10.98		0.415		10.0	106	75-125		6010B
As	10.62		0.0328	U	10.0	106	75-125		6010B
Ag	4.830		0.0125	U	5.00	97	75-125		6010B
Se	10.32		0.0417	U	10.0	103	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75042/2-A

Lab Name: TestAmerica Houston Job No.: 600-52117-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	0.9845		98	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75754/2-A

Lab Name: TestAmerica Houston Job No.: 600-52117-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cr	1.00	1.030		103	80	120		6010B
Pb	1.00	1.036		104	80	120		6010B
Cd	0.500	0.5266		105	80	120		6010B
Ba	1.00	1.041		104	80	120		6010B
As	1.00	1.039		104	80	120		6010B
Ag	0.500	0.5176		104	80	120		6010B
Se	1.00	1.029		103	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75815/8-A

Lab Name: TestAmerica Houston Job No.: 600-52117-1

Sample Matrix: Water LCS Source: MER0312S2_00019

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	3.00	3.015		100	70	130		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

FORM IX - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

FORM IX - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-52117-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Pb		50	6010B
Cr		50	6010B
Lead		50	6010B
Cd		25	6010B
Ba		50	6010B
As		50	6010B
Ag		5	6010B
Se		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75042/1-A	03/19/2012 11:36	75042		50	50
LCS 600-75042/2-A	03/19/2012 11:36	75042		50	50
600-52117-1	03/19/2012 11:36	75042		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75754/1-A	03/27/2012 14:15	75754		50	50
LCS 600-75754/2-A	03/27/2012 14:15	75754		50	50
LB 600-75710/1-B	03/27/2012 14:15	75754		5	50
600-52117-1	03/27/2012 14:15	75754		5	50
600-52117-1 MS	03/27/2012 14:15	75754		5	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75815/7-A	03/28/2012 08:49	75815		40	40
LCS 600-75815/8-A	03/28/2012 08:49	75815		50	50
LB 600-75710/1-E	03/28/2012 08:49	75815		40	40
600-52117-1	03/28/2012 08:49	75815		40	40

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/23/2012 07:34 End Date: 03/23/2012 15:06

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			07:34																					
STD 600-75482/2 IC			07:39	X																				
ZZZZZZ			07:48																					
ICV 600-75482/4	1		07:52	X																				
ICB 600-75482/5	1		07:56	X																				
CRI 600-75482/6	1		08:00	X																				
ICSA 600-75482/7	1		08:04	X																				
ICSAB 600-75482/8	1		08:07	X																				
CCV 600-75482/9			08:11																					
CCB 600-75482/10			08:15																					
ZZZZZZ			08:37																					
ZZZZZZ			08:41																					
ZZZZZZ			08:44																					
ZZZZZZ			08:48																					
ZZZZZZ			08:52																					
ZZZZZZ			08:56																					
ZZZZZZ			09:00																					
ZZZZZZ			09:04																					
ZZZZZZ			09:08																					
ZZZZZZ			09:11																					
CCV 600-75482/21			09:15																					
CCB 600-75482/22			09:19																					
ZZZZZZ			09:23																					
ZZZZZZ			09:27																					
ZZZZZZ			09:31																					
ZZZZZZ			09:34																					
ZZZZZZ			09:38																					
ZZZZZZ			09:42																					
ZZZZZZ			09:46																					
ZZZZZZ			09:50																					
ZZZZZZ			09:54																					
ZZZZZZ			09:58																					
CCV 600-75482/33			10:01																					
CCB 600-75482/34			10:05																					
ZZZZZZ			10:09																					
ZZZZZZ			10:13																					
ZZZZZZ			10:17																					
ZZZZZZ			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:28																					
ZZZZZZ			10:32																					
ZZZZZZ			10:36																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/23/2012 07:34 End Date: 03/23/2012 15:06

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			10:40																					
ZZZZZZ			10:44																					
CCV 600-75482/45	1		10:48	X																				
CCB 600-75482/46	1		10:51	X																				
ZZZZZZ			12:39																					
MB 600-75042/1-A	1	T	12:43	X																				
LCS 600-75042/2-A	1	T	12:47	X																				
600-52117-1	1	T	12:51	X																				
ZZZZZZ			12:55																					
ZZZZZZ			12:59																					
ZZZZZZ			13:02																					
ZZZZZZ			13:06																					
ZZZZZZ			13:10																					
ZZZZZZ			13:14																					
CCV 600-75482/57	1		13:18	X																				
CCB 600-75482/58	1		13:22	X																				
ZZZZZZ			13:26																					
ZZZZZZ			13:29																					
ZZZZZZ			13:33																					
ZZZZZZ			13:37																					
ZZZZZZ			13:41																					
ZZZZZZ			13:45																					
ZZZZZZ			13:49																					
ZZZZZZ			13:53																					
ZZZZZZ			13:56																					
ZZZZZZ			14:00																					
CCV 600-75482/69	1		14:04	X																				
CCB 600-75482/70	1		14:08	X																				
ZZZZZZ			14:12																					
ZZZZZZ			14:16																					
ZZZZZZ			14:19																					
ZZZZZZ			14:23																					
ZZZZZZ			14:27																					
ZZZZZZ			14:31																					
ZZZZZZ			14:35																					
ZZZZZZ			14:39																					
ZZZZZZ			14:43																					
ZZZZZZ			14:46																					
CCV 600-75482/81	1		14:50	X																				
CCB 600-75482/82	1		14:54	X																				
ZZZZZZ			14:58																					
CCV 600-75482/84	1		15:02	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/23/2012 07:34 End Date: 03/23/2012 15:06

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
CCB 600-75482/85	1		15:06	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/28/2012 09:48 End Date: 03/28/2012 19:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			09:48																				
STD 600-75851/2 IC			09:52	X	X	X	X	X	X	X													
ZZZZZZ			09:57																				
ICV 600-75851/4	1		10:01	X	X	X	X	X	X	X													
ICB 600-75851/5	1		10:05	X	X	X	X	X	X	X													
CRI 600-75851/6	1		10:09	X	X	X	X	X	X	X													
ICSA 600-75851/7	1		10:12	X	X	X	X	X	X	X													
ICSAB 600-75851/8	1		10:16	X	X	X	X	X	X	X													
CCV 600-75851/9	1		10:20	X	X	X	X	X	X	X													
CCB 600-75851/10	1		10:24	X	X	X	X	X	X	X													
MB 600-75754/1-A	1	T	10:31	X	X	X	X	X	X	X													
LCS 600-75754/2-A	1	T	10:35	X	X	X	X	X	X	X													
LB 600-75710/1-B	1	P	10:39	X	X	X	X	X	X	X													
ZZZZZZ			10:42																				
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:54																				
ZZZZZZ			10:58																				
ZZZZZZ			11:02																				
600-52117-1	1	P	11:05	X	X	X	X	X	X	X													
CCV 600-75851/21	1		11:09	X	X	X	X	X	X	X													
CCB 600-75851/22	1		11:13	X	X	X	X	X	X	X													
600-52117-1 MS	1	P	11:17	X	X	X	X	X	X	X													
ZZZZZZ			11:21																				
ZZZZZZ			11:25																				
ZZZZZZ			11:29																				
ZZZZZZ			11:32																				
ZZZZZZ			11:36																				
ZZZZZZ			11:40																				
ZZZZZZ			11:44																				
ZZZZZZ			11:48																				
ZZZZZZ			11:52																				
CCV 600-75851/33	1		11:56	X	X	X	X	X	X	X													
CCB 600-75851/34	1		11:59	X	X	X	X	X	X	X													
ZZZZZZ			12:03																				
ZZZZZZ			12:07																				
ZZZZZZ			12:11																				
ZZZZZZ			12:15																				
ZZZZZZ			12:19																				
ZZZZZZ			12:23																				
ZZZZZZ			12:26																				
ZZZZZZ			12:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/28/2012 09:48 End Date: 03/28/2012 19:23

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	As	Ba	Cd	Cr	Pb	Se														
ZZZZZZ			12:34																					
ZZZZZZ			12:38																					
CCV 600-75851/45	1		12:42	X	X	X	X	X	X	X														
CCB 600-75851/46	1		12:46	X	X	X	X	X	X	X														
ZZZZZZ			13:09																					
ZZZZZZ			13:13																					
ZZZZZZ			13:17																					
ZZZZZZ			13:20																					
ZZZZZZ			13:24																					
ZZZZZZ			13:28																					
ZZZZZZ			13:32																					
ZZZZZZ			13:36																					
ZZZZZZ			13:40																					
ZZZZZZ			13:44																					
CCV 600-75851/57			13:47																					
CCB 600-75851/58			13:51																					
ZZZZZZ			13:55																					
ZZZZZZ			14:02																					
ZZZZZZ			14:06																					
ZZZZZZ			14:09																					
ZZZZZZ			14:13																					
ZZZZZZ			14:17																					
ZZZZZZ			14:21																					
ZZZZZZ			14:25																					
ZZZZZZ			14:29																					
ZZZZZZ			14:33																					
CCV 600-75851/69			14:36																					
CCB 600-75851/70			14:40																					
ZZZZZZ			14:44																					
ZZZZZZ			14:48																					
ZZZZZZ			14:52																					
ZZZZZZ			14:56																					
ZZZZZZ			14:59																					
ZZZZZZ			15:03																					
ZZZZZZ			15:07																					
ZZZZZZ			15:11																					
ZZZZZZ			15:15																					
ZZZZZZ			15:19																					
CCV 600-75851/81			15:23																					
CCB 600-75851/82			15:26																					
ZZZZZZ			17:32																					
ZZZZZZ			17:35																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/28/2012 09:48 End Date: 03/28/2012 19:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			17:39																				
ZZZZZZ			17:43																				
ZZZZZZ			17:47																				
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ZZZZZZ			17:59																				
ZZZZZZ			18:02																				
ZZZZZZ			18:06																				
CCV 600-75851/93			18:10																				
CCB 600-75851/94			18:14																				
ZZZZZZ			18:18																				
ZZZZZZ			18:22																				
ZZZZZZ			18:25																				
ZZZZZZ			18:29																				
ZZZZZZ			18:33																				
ZZZZZZ			18:37																				
ZZZZZZ			18:41																				
ZZZZZZ			18:45																				
ZZZZZZ			18:49																				
ZZZZZZ			18:52																				
CCV 600-75851/105			18:56																				
CCB 600-75851/106			19:00																				
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
CCV 600-75851/109			19:12																				
CCB 600-75851/110			19:16																				
ICSA 600-75851/111	1		19:19	X	X	X	X	X	X	X													
ICSAB 600-75851/112	1		19:23	X	X	X	X	X	X	X													

Prep Types
P = TCLP
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 03/28/2012 16:43 End Date: 03/28/2012 18:33

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			16:43																					
ZZZZZZ			16:45																					
ZZZZZZ			16:47																					
ZZZZZZ			16:49																					
ZZZZZZ			16:51																					
ZZZZZZ			16:53																					
ZZZZZZ			16:55																					
ICV 600-75902/8	1		16:58	X																				
ICB 600-75902/9	1		17:00	X																				
CRA 600-75902/10	1		17:02	X																				
CCV 600-75902/11	1		17:04	X																				
CCB 600-75902/12	1		17:07	X																				
MB 600-75815/7-A	1	T	17:09	X																				
LCS 600-75815/8-A	1	T	17:10	X																				
LB 600-75710/1-E	1	P	17:13	X																				
ZZZZZZ			17:15																					
ZZZZZZ			17:17																					
ZZZZZZ			17:18																					
ZZZZZZ			17:20																					
ZZZZZZ			17:22																					
ZZZZZZ			17:24																					
ZZZZZZ			17:26																					
CCV 600-75902/23	1		17:28	X																				
CCB 600-75902/24	1		17:30	X																				
600-52117-1	1	P	17:32	X																				
ZZZZZZ			17:34																					
ZZZZZZ			17:36																					
ZZZZZZ			17:38																					
ZZZZZZ			17:39																					
ZZZZZZ			17:41																					
ZZZZZZ			17:43																					
ZZZZZZ			17:45																					
ZZZZZZ			17:47																					
ZZZZZZ			17:49																					
CCV 600-75902/35	1		17:50	X																				
CCB 600-75902/36	1		17:53	X																				
ZZZZZZ			17:55																					
ZZZZZZ			17:57																					
ZZZZZZ			17:59																					
ZZZZZZ			18:00																					
ZZZZZZ			18:02																					
ZZZZZZ			18:04																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 03/28/2012 16:43 End Date: 03/28/2012 18:33

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			18:06																					
ZZZZZZ			18:08																					
ZZZZZZ			18:10																					
ZZZZZZ			18:11																					
CCV 600-75902/47	1		18:13	X																				
CCB 600-75902/48	1		18:15	X																				
ZZZZZZ			18:17																					
ZZZZZZ			18:19																					
ZZZZZZ			18:21																					
ZZZZZZ			18:22																					
ZZZZZZ			18:24																					
ZZZZZZ			18:26																					
ZZZZZZ			18:28																					
ZZZZZZ			18:30																					
CCV 600-75902/57	1		18:32	X																				
CCB 600-75902/58	1		18:33	X																				

Prep Types

P = TCLP

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:45:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0002,.0004,175.5, .0005, .0000
Al3082,308.215 {109},In2306,ppm, -.0447,.0151,33.68, -.0341, -.0554
As1890,189.042 {478},Y_2243,ppm, .0025,.0003,11.78, .0023, .0027
B_2496,249.678 {135},Y_3710,ppm, -.0011,.0058,508.1, -.0053, .0030
Ba4554,455.403 { 74},Y_3710,ppm, -.0001,.0001,244.3, -.0001, .0000
Be3130,313.042 {108},Y_3710,ppm, -.0002,.0001,25.99, -.0002, -.0003
Ca3158,315.887 {107},In2306,ppm, .0056,.0102,182.7, -.0016, .0128
Ca3181,318.128 {106},In2306,ppm, -.0225,.0289,128.2, -.0021, -.0430
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,10.02, .0001, .0001
Co2286,228.616 {447},In2306,ppm, .0000,.0003,604.1, .0001, -.0002
Cr2677,267.716 {126},Y_3600,ppm, .0001,.0001,98.67, .0002, .0000
Cu3247,324.754 {104},Y_3600,ppm, .0007,.0013,179.0, -.0002, .0016
Fe2404,240.488 {140},In2306,ppm, .0003,.0028,808.8, .0023, -.0016
K_7664,766.490 { 44},Y_3710,ppm, .0076,.0080,105.6, .0132, .0019
K_7698,769.896 { 44},Y_3710,ppm, -.0644,.0272,42.28, -.0452, -.0837
Li6707,670.784 { 50},Y_3710,ppm, .0004,.0001,34.57, .0004, .0003
Mg2790,279.079 {121},Y_3710,ppm, .0205,.0063,30.57, .0161, .0249
Mn2576,257.610 {131},Y_3600,ppm, .0002,.0001,22.43, .0002, .0003
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0001,.0006,1016., -.0004, .0005
Mo2020,202.030 {467},Y_2243,ppm, .0000,.0001,202.4, .0000, .0001
Na5895,589.592 { 57},Y_3710,ppm, .0169,.0023,13.43, .0185, .0153
Na8183,818.326 { 41},Y_3710,ppm, .5787,.1110,19.18, .5002, .6572
Ni2316,231.604 {445},In2306,ppm, .0000,.0001,225.1, .0001, .0000
P_1782,178.284 {489},In2306,ppm, -.0017,.0001,3.374, -.0018, -.0017
Pb2203,220.353 {453},In2306,ppm, .0011,.0000,3.450, .0011, .0011
S_1820,182.034 {485},Y_2243,ppm, -.0679,.0883,130.0, -.0055, -.1304
Sb2068,206.833 {463},Y_2243,ppm, .0017,.0020,121.4, .0031, .0002
Se1960,196.090 {472},Y_2243,ppm, .0017,.0005,28.19, .0014, .0021
Si2516,251.611 {134},Y_3710,ppm, -.0133,.0095,71.45, -.0200, -.0066
Sn1899,189.989 {477},In2306,ppm, -.0002,.0000,19.82, -.0003, -.0002
Sr4215,421.552 { 80},Y_3710,ppm, .0001,.0000,17.12, .0001, .0001
Ti3349,334.904 {101},Y_3600,ppm, .0000,.0003,584.7, .0001, -.0002
Tl1908,190.856 {477},In2306,ppm, .0006,.0001,8.951, .0006, .0005
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0001,142.7, .0000, -.0001
Zn2062,206.200 {463},In2306,ppm, .0011,.0001,9.267, .0012, .0010

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 425.16,3.8471,.90486,427.88,422.44
In2306,230.606 {446},Cts/S, 15131.,11.158,.07374,15139.,15123.
Y_2243,224.306 {450},Cts/S, 19523.,12.931,.06623,19533.,19514.
Y_3600,360.073 { 94},Cts/S, 147480.,10343.,7.0132,140160.,154790.
Y_3710,371.030 { 91},Cts/S, 18953.,208.55,1.1003,19101.,18806.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)

SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:48:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0002,.0001,36.15, .0003, .0002
Al3082,308.215 {109},In2306,ppm, -.0456,.0100,21.86, -.0526, -.0385
As1890,189.042 {478},Y_2243,ppm, -.0002,.0004,162.4, -.0005, .0000
B_2496,249.678 {135},Y_3710,ppm, -.0041,.0063,154.8, .0004, -.0085
Ba4554,455.403 { 74},Y_3710,ppm, .0000,.0002,472.5, -.0001, .0001
Be3130,313.042 {108},Y_3710,ppm, -.0001,.0000,42.69, -.0001, -.0001
Ca3158,315.887 {107},In2306,ppm, -.0028,.0026,92.35, -.0047, -.0010
Ca3181,318.128 {106},In2306,ppm, -.0203,.0185,91.26, -.0334, -.0072
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,13.20, .0002, .0001
Co2286,228.616 {447},In2306,ppm, .0002,.0001,20.40, .0003, .0002
Cr2677,267.716 {126},Y_3600,ppm, -.0001,.0002,184.3, -.0002, .0000
Cu3247,324.754 {104},Y_3600,ppm, .0000,.0014,5601., .0010, -.0010
Fe2404,240.488 {140},In2306,ppm, .0003,.0042,1519., .0032, -.0027
K_7664,766.490 { 44},Y_3710,ppm, -.0233,.0127,54.58, -.0323, -.0143
K_7698,769.896 { 44},Y_3710,ppm, -.1361,.0373,27.38, -.1624, -.1097
Li6707,670.784 { 50},Y_3710,ppm, .0002,.0007,394.4, .0007, -.0003
Mg2790,279.079 {121},Y_3710,ppm, -.0190,.0092,48.54, -.0125, -.0256
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0001,92.78, .0000, .0001
Mn2576-2,257.610 {131}2,Y_3710,ppm, -.0001,.0003,342.7, .0001, -.0003
Mo2020,202.030 {467},Y_2243,ppm, .0002,.0002,127.0, .0000, .0003
Na5895,589.592 { 57},Y_3710,ppm, -.0007,.0046,681.2, .0026, -.0039
Na8183,818.326 { 41},Y_3710,ppm, .6871,.1387,20.19, .7851, .5890
Ni2316,231.604 {445},In2306,ppm, .0004,.0003,66.65, .0006, .0002
P_1782,178.284 {489},In2306,ppm, -.0029,.0016,56.18, -.0040, -.0017
Pb2203,220.353 {453},In2306,ppm, -.0002,.0017,932.9, -.0014, .0010
S_1820,182.034 {485},Y_2243,ppm, -.0767,.1255,163.5, .0120, -.1654
Sb2068,206.833 {463},Y_2243,ppm, -.0012,.0000,2.873, -.0012, -.0013
Se1960,196.090 {472},Y_2243,ppm, .0021,.0017,78.07, .0010, .0033
Si2516,251.611 {134},Y_3710,ppm, .0002,.0107,5717., -.0074, .0078
Sn1899,189.989 {477},In2306,ppm, -.0001,.0006,476.7, .0003, -.0006
Sr4215,421.552 { 80},Y_3710,ppm, .0002,.0000,7.438, .0002, .0002
Ti3349,334.904 {101},Y_3600,ppm, -.0002,.0004,172.3, .0001, -.0005
Tl1908,190.856 {477},In2306,ppm, -.0002,.0014,581.9, .0007, -.0012
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0001,63.39, -.0001, -.0001
Zn2062,206.200 {463},In2306,ppm, .0000,.0001,3038., .0001, -.0001

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 430.59,3.8051,.88369,427.90,433.28
In2306,230.606 {446},Cts/S, 15121.,18.616,.12311,15108.,15134.
Y_2243,224.306 {450},Cts/S, 19560.,18.672,.09546,19547.,19573.
Y_3600,360.073 { 94},Cts/S, 152120.,8881.6,5.8386,158400.,145840.
Y_3710,371.030 { 91},Cts/S, 19200.,377.97,1.9686,18933.,19467.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=Blank
Username=admin
Comment=

Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:51:11
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0001,.0000,40.99, .0001, .0001
Al3082,308.215 {109},In2306,Cts/S, .0286,.0046,15.92, .0254, .0318
As1890,189.042 {478},Y_2243,Cts/S, .0000,.0000,458.0, .0000, .0000
B_2496,249.678 {135},Y_3710,Cts/S, .0002,.0001,56.19, .0002, .0001
Ba4554,455.403 { 74},Y_3710,Cts/S, .0034,.0002,7.250, .0035, .0032
Be3130,313.042 {108},Y_3710,Cts/S, .0000,.0001,155.8, .0000, .0001
Ca3158,315.887 {107},In2306,Cts/S, -.0069,.0017,25.30, -.0057, -.0081
Ca3181,318.128 {106},In2306,Cts/S, -.0027,.0038,141.4, .0000, -.0053
Cd2288,228.802 {447},Y_2243,Cts/S, .0003,.0000,15.09, .0003, .0003
Co2286,228.616 {447},In2306,Cts/S, -.0003,.0001,25.37, -.0004, -.0003
Cr2677,267.716 {126},Y_3600,Cts/S, .0000,.0000,42.32, .0000, .0000
Cu3247,324.754 {104},Y_3600,Cts/S, .0050,.0000,.2199, .0050, .0050
Fe2404,240.488 {140},In2306,Cts/S, .0055,.0002,3.303, .0056, .0054
K_7664,766.490 { 44},Y_3710,Cts/S, .0007,.0002,31.70, .0006, .0009
K_7698,769.896 { 44},Y_3710,Cts/S, .0063,.0002,3.222, .0061, .0064
Li6707,670.784 { 50},Y_3710,Cts/S, .0023,.0005,22.16, .0027, .0019
Mg2790,279.079 {121},Y_3710,Cts/S, .0000,.0001,315.1, .0000, -.0001
Mn2576,257.610 {131},Y_3600,Cts/S, .0001,.0000,35.47, .0001, .0001
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0000,.0000,127.0, .0000, .0000
Mo2020,202.030 {467},Y_2243,Cts/S, .0001,.0000,35.99, .0001, .0001
Na5895,589.592 { 57},Y_3710,Cts/S, .0025,.0005,22.22, .0029, .0021
Na8183,818.326 { 41},Y_3710,Cts/S, -.0008,.0002,23.45, -.0009, -.0007
Ni2316,231.604 {445},In2306,Cts/S, .0000,.0001,407.2, .0001, -.0001
P_1782,178.284 {489},In2306,Cts/S, .0002,.0000,2.412, .0002, .0002
Pb2203,220.353 {453},In2306,Cts/S, .0000,.0001,105.7, -.0001, .0000
S_1820,182.034 {485},Y_2243,Cts/S, -.0007,.0000,4.673, -.0007, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0000,.0000,81.15, .0000, .0000
Se1960,196.090 {472},Y_2243,Cts/S, .0000,.0000,321.5, .0000, .0000
Si2516,251.611 {134},Y_3710,Cts/S, .0003,.0000,2.853, .0003, .0004
Sn1899,189.989 {477},In2306,Cts/S, .0001,.0000,17.50, .0001, .0000
Sr4215,421.552 { 80},Y_3710,Cts/S, -.0004,.0004,94.18, -.0007, -.0001
Ti3349,334.904 {101},Y_3600,Cts/S, .0000,.0000,42.28, .0000, -.0001
Tl1908,190.856 {477},In2306,Cts/S, -.0001,.0000,6.177, -.0001, -.0001
V_2924,292.402 {115},Y_3600,Cts/S, -.0001,.0000,34.64, -.0001, -.0001
Zn2062,206.200 {463},In2306,Cts/S, .0005,.0000,5.840, .0005, .0005

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 430.22,4.2874,.99657,433.25,427.18
In2306,230.606 {446},Cts/S, 15074.,1.9350,.01284,15073.,15076.
Y_2243,224.306 {450},Cts/S, 19426.,9.6569,.04971,19433.,19419.
Y_3600,360.073 { 94},Cts/S, 153390.,91.533,.05967,153450.,153320.
Y_3710,371.030 { 91},Cts/S, 19061.,190.49,.99940,18926.,19195.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=3/23/2012 8:53:48
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0079,.0001,1.029, .0080, .0078
Al3082,308.215 {109},In2306,Cts/S, .3613,.0018,.4977, .3601, .3626
As1890,189.042 {478},Y_2243,Cts/S, .0052,.0002,3.545, .0053, .0051
B_2496,249.678 {135},Y_3710,Cts/S, .0030,.0001,3.315, .0031, .0030
Ba4554,455.403 { 74},Y_3710,Cts/S, .2543,.0002,.0721, .2542, .2545
Be3130,313.042 {108},Y_3710,Cts/S, .1232,.0003,.2351, .1230, .1234
Ca3158,315.887 {107},In2306,Cts/S, 1.220,.0035,.2906, 1.217, 1.222
Ca3181,318.128 {106},In2306,Cts/S, .2731,.0032,1.187, .2708, .2754
Cd2288,228.802 {447},Y_2243,Cts/S, .0542,.0013,2.444, .0551, .0533
Co2286,228.616 {447},In2306,Cts/S, .0886,.0027,3.037, .0905, .0867
Cr2677,267.716 {126},Y_3600,Cts/S, .0128,.0000,.0443, .0128, .0128
Cu3247,324.754 {104},Y_3600,Cts/S, .0309,.0000,.1141, .0309, .0310
Fe2404,240.488 {140},In2306,Cts/S, 1.214,.0115,.9464, 1.206, 1.222
K_7664,766.490 { 44},Y_3710,Cts/S, .0366,.0013,3.643, .0357, .0376
K_7698,769.896 { 44},Y_3710,Cts/S, .0210,.0002,.7994, .0211, .0209
Li6707,670.784 { 50},Y_3710,Cts/S, .0832,.0002,.2925, .0834, .0830
Mg2790,279.079 {121},Y_3710,Cts/S, .0067,.0001,2.088, .0068, .0066
Mn2576,257.610 {131},Y_3600,Cts/S, .0814,.0000,.0086, .0813, .0814
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0296,.0002,.7228, .0295, .0298
Mo2020,202.030 {467},Y_2243,Cts/S, .0287,.0008,2.885, .0293, .0281
Na5895,589.592 { 57},Y_3710,Cts/S, .1074,.0003,.2974, .1072, .1076
Na8183,818.326 { 41},Y_3710,Cts/S, .0034,.0002,4.750, .0033, .0035
Ni2316,231.604 {445},In2306,Cts/S, .0474,.0013,2.715, .0483, .0465
P_1782,178.284 {489},In2306,Cts/S, .0050,.0001,2.072, .0050, .0049
Pb2203,220.353 {453},In2306,Cts/S, .0151,.0003,2.093, .0154, .0149
S_1820,182.034 {485},Y_2243,Cts/S, -.0007,.0000,1.125, -.0007, -.0006
Sb2068,206.833 {463},Y_2243,Cts/S, .0045,.0001,3.104, .0046, .0044
Se1960,196.090 {472},Y_2243,Cts/S, .0033,.0001,1.932, .0034, .0033
Si2516,251.611 {134},Y_3710,Cts/S, .0023,.0000,1.898, .0023, .0024
Sn1899,189.989 {477},In2306,Cts/S, .0188,.0005,2.546, .0191, .0184
Sr4215,421.552 { 80},Y_3710,Cts/S, .1683,.0002,.1314, .1681, .1684
Ti3349,334.904 {101},Y_3600,Cts/S, .0218,.0002,.7571, .0217, .0219
Tl1908,190.856 {477},In2306,Cts/S, .0058,.0002,4.209, .0059, .0056
V_2924,292.402 {115},Y_3600,Cts/S, .0197,.0002,.8549, .0196, .0198
Zn2062,206.200 {463},In2306,Cts/S, .1118,.0033,2.935, .1141, .1094

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 420.87,5.7647,1.3697,424.95,416.80
In2306,230.606 {446},Cts/S, 14862.,129.66,.87244,14770.,14953.
Y_2243,224.306 {450},Cts/S, 19475.,156.30,.80257,19364.,19585.
Y_3600,360.073 { 94},Cts/S, 155480.,1071.2,.68897,156230.,154720.
Y_3710,371.030 { 91},Cts/S, 19454.,86.088,.44251,19515.,19393.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:56:17
Sample Type=Cal
Mode=IR

```
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0159,.0000,.2799, .0159, .0160
Al3082,308.215 {109},In2306,Cts/S, .6978,.0058,.8269, .7019, .6937
As1890,189.042 {478},Y_2243,Cts/S, .0105,.0001,1.343, .0106, .0104
B_2496,249.678 {135},Y_3710,Cts/S, .0060,.0000,.7018, .0060, .0060
Ba4554,455.403 { 74},Y_3710,Cts/S, .5074,.0007,.1324, .5078, .5069
Be3130,313.042 {108},Y_3710,Cts/S, .2510,.0004,.1583, .2507, .2513
Ca3158,315.887 {107},In2306,Cts/S, 2.449,.0018,.0738, 2.450, 2.448
Ca3181,318.128 {106},In2306,Cts/S, .5335,.0074,1.396, .5388, .5282
Cd2288,228.802 {447},Y_2243,Cts/S, .1092,.0008,.7676, .1098, .1086
Co2286,228.616 {447},In2306,Cts/S, .1811,.0016,.9016, .1822, .1799
Cr2677,267.716 {126},Y_3600,Cts/S, .0260,.0000,.1185, .0260, .0259
Cu3247,324.754 {104},Y_3600,Cts/S, .0571,.0000,.0100, .0571, .0571
Fe2404,240.488 {140},In2306,Cts/S, 2.394,.0253,1.056, 2.412, 2.376
K_7664,766.490 { 44},Y_3710,Cts/S, .0740,.0004,.5010, .0737, .0742
K_7698,769.896 { 44},Y_3710,Cts/S, .0371,.0007,1.826, .0367, .0376
Li6707,670.784 { 50},Y_3710,Cts/S, .1656,.0015,.9194, .1667, .1645
Mg2790,279.079 {121},Y_3710,Cts/S, .0136,.0001,.6000, .0136, .0137
Mn2576,257.610 {131},Y_3600,Cts/S, .1614,.0004,.2404, .1611, .1617
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0599,.0001,.1090, .0599, .0599
Mo2020,202.030 {467},Y_2243,Cts/S, .0584,.0006,.9498, .0588, .0580
Na5895,589.592 { 57},Y_3710,Cts/S, .2155,.0006,.2793, .2159, .2150
Na8183,818.326 { 41},Y_3710,Cts/S, .0085,.0000,.1914, .0085, .0085
Ni2316,231.604 {445},In2306,Cts/S, .0965,.0005,.5471, .0968, .0961
P_1782,178.284 {489},In2306,Cts/S, .0100,.0001,.9989, .0101, .0100
Pb2203,220.353 {453},In2306,Cts/S, .0310,.0000,.1055, .0310, .0310
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,5.103, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0094,.0001,.9406, .0095, .0094
Se1960,196.090 {472},Y_2243,Cts/S, .0067,.0000,.5190, .0067, .0067
Si2516,251.611 {134},Y_3710,Cts/S, .0045,.0000,.5655, .0045, .0045
Sn1899,189.989 {477},In2306,Cts/S, .0384,.0004,1.126, .0387, .0381
Sr4215,421.552 { 80},Y_3710,Cts/S, .3410,.0008,.2480, .3416, .3404
Ti3349,334.904 {101},Y_3600,Cts/S, .0446,.0002,.3443, .0447, .0445
Tl1908,190.856 {477},In2306,Cts/S, .0122,.0004,3.148, .0125, .0119
V_2924,292.402 {115},Y_3600,Cts/S, .0400,.0001,.1633, .0400, .0401
Zn2062,206.200 {463},In2306,Cts/S, .2150,.0019,.8640, .2163, .2137

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 421.23,.45018,.10687,420.91,421.54
In2306,230.606 {446},Cts/S, 14739.,66.931,.45410,14692.,14786.
Y_2243,224.306 {450},Cts/S, 19495.,59.992,.30773,19453.,19537.
Y_3600,360.073 { 94},Cts/S, 154460.,746.40,.48324,154990.,153930.
Y_3710,371.030 { 91},Cts/S, 19202.,55.545,.28926,19241.,19163.

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[Results]
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Ag3280,328.068 {103},Y_3600,Cts/S, .0312,.0002,.7389, .0311, .0314
Al3082,308.215 {109},In2306,Cts/S, 1.389,.0070,.5040, 1.384, 1.394
As1890,189.042 {478},Y_2243,Cts/S, .0214,.0004,1.786, .0212, .0217
B_2496,249.678 {135},Y_3710,Cts/S, .0122,.0000,.1408, .0122, .0122
Ba4554,455.403 { 74},Y_3710,Cts/S, 1.017,.0063,.6183, 1.013, 1.021
Be3130,313.042 {108},Y_3710,Cts/S, .5046,.0012,.2304, .5037, .5054
Ca3158,315.887 {107},In2306,Cts/S, 4.955,.0252,.5087, 4.937, 4.973
Ca3181,318.128 {106},In2306,Cts/S, 1.103,.0016,.1483, 1.104, 1.101
Cd2288,228.802 {447},Y_2243,Cts/S, .2204,.0049,2.224, .2169, .2239
Co2286,228.616 {447},In2306,Cts/S, .3702,.0088,2.369, .3640, .3764
Cr2677,267.716 {126},Y_3600,Cts/S, .0512,.0003,.6283, .0510, .0515
Cu3247,324.754 {104},Y_3600,Cts/S, .1079,.0005,.4464, .1076, .1082
Fe2404,240.488 {140},In2306,Cts/S, 4.868,.0021,.0427, 4.866, 4.869
K_7664,766.490 { 44},Y_3710,Cts/S, .1462,.0000,.0091, .1462, .1462
K_7698,769.896 { 44},Y_3710,Cts/S, .0679,.0006,.8864, .0675, .0683
Li6707,670.784 { 50},Y_3710,Cts/S, .3268,.0022,.6681, .3253, .3283
Mg2790,279.079 {121},Y_3710,Cts/S, .0277,.0001,.2301, .0277, .0276
Mn2576,257.610 {131},Y_3600,Cts/S, .3179,.0025,.7762, .3161, .3196
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .1201,.0003,.2800, .1199, .1203
Mo2020,202.030 {467},Y_2243,Cts/S, .1182,.0023,1.979, .1165, .1198
Na5895,589.592 { 57},Y_3710,Cts/S, .4281,.0030,.6939, .4260, .4302
Na8183,818.326 { 41},Y_3710,Cts/S, .0177,.0008,4.540, .0171, .0183
Ni2316,231.604 {445},In2306,Cts/S, .1966,.0042,2.126, .1937, .1996
P_1782,178.284 {489},In2306,Cts/S, .0205,.0004,1.983, .0202, .0208
Pb2203,220.353 {453},In2306,Cts/S, .0628,.0016,2.485, .0617, .0639
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,.8154, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0193,.0004,1.830, .0190, .0195
Se1960,196.090 {472},Y_2243,Cts/S, .0135,.0003,2.518, .0133, .0138
Si2516,251.611 {134},Y_3710,Cts/S, .0087,.0001,.8608, .0087, .0088
Sn1899,189.989 {477},In2306,Cts/S, .0789,.0016,2.014, .0777, .0800
Sr4215,421.552 { 80},Y_3710,Cts/S, .6843,.0036,.5224, .6818, .6868
Ti3349,334.904 {101},Y_3600,Cts/S, .0883,.0004,.4694, .0880, .0886
Tl1908,190.856 {477},In2306,Cts/S, .0254,.0003,1.340, .0251, .0256
V_2924,292.402 {115},Y_3600,Cts/S, .0792,.0004,.5644, .0789, .0795
Zn2062,206.200 {463},In2306,Cts/S, .4415,.0100,2.259, .4345, .4486

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 416.20,2.9758,.71500,414.10,418.31
In2306,230.606 {446},Cts/S, 14414.,308.40,2.1396,14632.,14196.
Y_2243,224.306 {450},Cts/S, 19406.,403.67,2.0801,19691.,19121.
Y_3600,360.073 { 94},Cts/S, 156220.,889.38,.56930,156850.,155600.
Y_3710,371.030 { 91},Cts/S, 19135.,152.50,.79696,19027.,19243.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
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Al3082,308.215 {109},In2306,Cts/S, 2.750,.0059,.2156, 2.746, 2.754
As1890,189.042 {478},Y_2243,Cts/S, .0425,.0005,1.204, .0421, .0428
B_2496,249.678 {135},Y_3710,Cts/S, .0244,.0001,.3807, .0244, .0243
Ba4554,455.403 { 74},Y_3710,Cts/S, 2.036,.0009,.0438, 2.035, 2.037
Be3130,313.042 {108},Y_3710,Cts/S, 1.010,.0040,.3997, 1.007, 1.013
Ca3158,315.887 {107},In2306,Cts/S, 9.885,.0195,.1969, 9.899, 9.872
Ca3181,318.128 {106},In2306,Cts/S, 2.181,.0218,1.001, 2.197, 2.166
Cd2288,228.802 {447},Y_2243,Cts/S, .4363,.0023,.5317, .4347, .4380
Co2286,228.616 {447},In2306,Cts/S, .7427,.0031,.4109, .7405, .7449
Cr2677,267.716 {126},Y_3600,Cts/S, .1043,.0004,.3631, .1046, .1041
Cu3247,324.754 {104},Y_3600,Cts/S, .2144,.0004,.1640, .2147, .2142
Fe2404,240.488 {140},In2306,Cts/S, 9.601,.0481,.5008, 9.635, 9.567
K_7664,766.490 { 44},Y_3710,Cts/S, .2920,.0012,.4030, .2912, .2929
K_7698,769.896 { 44},Y_3710,Cts/S, .1315,.0003,.2613, .1312, .1317
Li6707,670.784 { 50},Y_3710,Cts/S, .6499,.0014,.2131, .6489, .6509
Mg2790,279.079 {121},Y_3710,Cts/S, .0548,.0004,.6788, .0545, .0550
Mn2576,257.610 {131},Y_3600,Cts/S, .6467,.0031,.4774, .6489, .6445
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .2366,.0017,.7296, .2378, .2354
Mo2020,202.030 {467},Y_2243,Cts/S, .2314,.0010,.4414, .2306, .2321
Na5895,589.592 { 57},Y_3710,Cts/S, .8525,.0053,.6202, .8487, .8562
Na8183,818.326 { 41},Y_3710,Cts/S, .0383,.0007,1.870, .0378, .0388
Ni2316,231.604 {445},In2306,Cts/S, .3938,.0018,.4549, .3925, .3950
P_1782,178.284 {489},In2306,Cts/S, .0419,.0001,.1617, .0418, .0419
Pb2203,220.353 {453},In2306,Cts/S, .1251,.0006,.4451, .1247, .1255
S_1820,182.034 {485},Y_2243,Cts/S, -.0009,.0000,2.057, -.0008, -.0009
Sb2068,206.833 {463},Y_2243,Cts/S, .0383,.0000,.0516, .0383, .0382
Se1960,196.090 {472},Y_2243,Cts/S, .0268,.0000,.0208, .0268, .0268
Si2516,251.611 {134},Y_3710,Cts/S, .0171,.0005,2.667, .0168, .0175
Sn1899,189.989 {477},In2306,Cts/S, .1579,.0006,.3960, .1574, .1583
Sr4215,421.552 { 80},Y_3710,Cts/S, 1.360,.0031,.2272, 1.357, 1.362
Ti3349,334.904 {101},Y_3600,Cts/S, .1813,.0009,.5038, .1819, .1806
Tl1908,190.856 {477},In2306,Cts/S, .0508,.0002,.3174, .0509, .0507
V_2924,292.402 {115},Y_3600,Cts/S, .1630,.0003,.1907, .1632, .1628
Zn2062,206.200 {463},In2306,Cts/S, .8906,.0030,.3325, .8885, .8927

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 424.58,2.6160,.61613,422.73,426.43
In2306,230.606 {446},Cts/S, 14137.,59.595,.42156,14179.,14095.
Y_2243,224.306 {450},Cts/S, 19454.,85.491,.43944,19515.,19394.
Y_3600,360.073 { 94},Cts/S, 151390.,587.82,.38828,150980.,151810.
Y_3710,371.030 { 91},Cts/S, 19414.,49.352,.25421,19449.,19379.

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[Results]
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Al3082,308.215 {109},In2306,Cts/S, 5.689,.4219,7.416, 5.390, 5.987
As1890,189.042 {478},Y_2243,Cts/S, .0854,.0000,.0481, .0854, .0855
B_2496,249.678 {135},Y_3710,Cts/S, .0507,.0034,6.622, .0483, .0531
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Ba4554,455.403 { 74},Y_3710,Cts/S, 4.221,.2733,6.475, 4.027, 4.414
Be3130,313.042 {108},Y_3710,Cts/S, 2.097,.1310,6.247, 2.005, 2.190
Ca3158,315.887 {107},In2306,Cts/S, 20.69,1.435,6.933, 19.68, 21.71
Ca3181,318.128 {106},In2306,Cts/S, 4.544,.3348,7.368, 4.307, 4.781
Cd2288,228.802 {447},Y_2243,Cts/S, .8696,.0015,.1688, .8707, .8686
Co2286,228.616 {447},In2306,Cts/S, 1.489,.0069,.4658, 1.494, 1.484
Cr2677,267.716 {126},Y_3600,Cts/S, .2156,.0174,8.063, .2033, .2279
Cu3247,324.754 {104},Y_3600,Cts/S, .4417,.0345,7.801, .4173, .4660
Fe2404,240.488 {140},In2306,Cts/S, 19.91,1.457,7.317, 18.88, 20.94
K_7664,766.490 { 44},Y_3710,Cts/S, .6018,.0307,5.105, .5800, .6235
K_7698,769.896 { 44},Y_3710,Cts/S, .2647,.0139,5.266, .2549, .2746
Li6707,670.784 { 50},Y_3710,Cts/S, 1.339,.0795,5.938, 1.282, 1.395
Mg2790,279.079 {121},Y_3710,Cts/S, .1137,.0069,6.102, .1088, .1186
Mn2576,257.610 {131},Y_3600,Cts/S, 1.330,.1067,8.026, 1.254, 1.405
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .4915,.0317,6.450, .4690, .5139
Mo2020,202.030 {467},Y_2243,Cts/S, .4608,.0010,.2091, .4615, .4601
Na5895,589.592 { 57},Y_3710,Cts/S, 1.762,.0992,5.632, 1.692, 1.832
Na8183,818.326 { 41},Y_3710,Cts/S, .0790,.0041,5.190, .0761, .0819
Ni2316,231.604 {445},In2306,Cts/S, .7909,.0029,.3687, .7929, .7888
P_1782,178.284 {489},In2306,Cts/S, .0855,.0007,.8283, .0860, .0850
Pb2203,220.353 {453},In2306,Cts/S, .2513,.0004,.1779, .2517, .2510
Sb2068,206.833 {463},Y_2243,Cts/S, .0766,.0000,.0082, .0766, .0766
Se1960,196.090 {472},Y_2243,Cts/S, .0540,.0001,.1149, .0540, .0539
Si2516,251.611 {134},Y_3710,Cts/S, .0363,.0034,9.235, .0340, .0387
Sn1899,189.989 {477},In2306,Cts/S, .3169,.0017,.5440, .3181, .3157
Sr4215,421.552 { 80},Y_3710,Cts/S, 2.820,.1845,6.545, 2.689, 2.950
Ti3349,334.904 {101},Y_3600,Cts/S, .3767,.0312,8.286, .3546, .3988
Tl1908,190.856 {477},In2306,Cts/S, .1009,.0008,.8181, .1014, .1003
V_2924,292.402 {115},Y_3600,Cts/S, .3405,.0276,8.094, .3210, .3600
Zn2062,206.200 {463},In2306,Cts/S, 1.800,.0079,.4363, 1.806, 1.795

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 405.92,22.515,5.5467,421.84,390.00
In2306,230.606 {446},Cts/S, 13672.,34.460,.25205,13648.,13696.
Y_2243,224.306 {450},Cts/S, 19207.,6.3656,.03314,19202.,19211.
Y_3600,360.073 { 94},Cts/S, 145380.,9526.7,6.5530,152110.,138640.
Y_3710,371.030 { 91},Cts/S, 18579.,815.63,4.3902,19155.,18002.

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[Results]
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Al3082,308.215 {109},In2306,ppm, 2.346,.0197,.8391, 2.360, 2.332
As1890,189.042 {478},Y_2243,ppm, .4858,.0002,.0365, .4857, .4859
B_2496,249.678 {135},Y_3710,ppm, .4726,.0083,1.759, .4667, .4784
Ba4554,455.403 { 74},Y_3710,ppm, .4671,.0023,.5003, .4655, .4688
Be3130,313.042 {108},Y_3710,ppm, .4757,.0024,.5116, .4740, .4774
Ca3158,315.887 {107},In2306,ppm, 11.90,.0615,.5164, 11.94, 11.86
Ca3181,318.128 {106},In2306,ppm, 11.95,.0372,.3111, 11.92, 11.97
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Cd2288,228.802 {447},Y_2243,ppm, .4826,.0003,.0641, .4824, .4828
Co2286,228.616 {447},In2306,ppm, .4836,.0077,1.599, .4782, .4891
Cr2677,267.716 {126},Y_3600,ppm, .4666,.0024,.5226, .4648, .4683
Cu3247,324.754 {104},Y_3600,ppm, .4660,.0016,.3429, .4671, .4649
Fe2404,240.488 {140},In2306,ppm, 2.397,.0153,.6372, 2.408, 2.386
K_7664,766.490 { 44},Y_3710,ppm, 11.82,.0440,.3726, 11.79, 11.85
K_7698,769.896 { 44},Y_3710,ppm, 11.89,.0694,.5838, 11.84, 11.94
Li6707,670.784 { 50},Y_3710,ppm, .4730,.0017,.3686, .4718, .4743
Mg2790,279.079 {121},Y_3710,ppm, 4.746,.0206,.4334, 4.732, 4.761
Mn2576,257.610 {131},Y_3600,ppm, .4664,.0053,1.127, .4627, .4701
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4694,.0023,.4850, .4678, .4710
Mo2020,202.030 {467},Y_2243,ppm, .5013,.0042,.8369, .4984, .5043
Na5895,589.592 { 57},Y_3710,ppm, 11.80,.0631,.5349, 11.75, 11.84
Na8183,818.326 { 41},Y_3710,ppm, 11.83,.1188,1.005, 11.74, 11.91
Ni2316,231.604 {445},In2306,ppm, .4823,.0076,1.581, .4769, .4877
P_1782,178.284 {489},In2306,ppm, .0021,.0061,292.6, -.0022, .0064
Pb2203,220.353 {453},In2306,ppm, .4799,.0055,1.139, .4760, .4837
S_1820,182.034 {485},Y_2243,ppm, -123.4,.0978,.0792, -123.5, -123.4
Sb2068,206.833 {463},Y_2243,ppm, .4923,.0031,.6265, .4901, .4945
Se1960,196.090 {472},Y_2243,ppm, .4955,.0051,1.031, .4919, .4991
Si2516,251.611 {134},Y_3710,ppm, .8628,.0017,.1984, .8616, .8641
Sn1899,189.989 {477},In2306,ppm, .4949,.0074,1.495, .4897, .5002
Sr4215,421.552 { 80},Y_3710,ppm, .2407,.0015,.6122, .2396, .2417
Ti3349,334.904 {101},Y_3600,ppm, .4740,.0026,.5412, .4722, .4758
Tl1908,190.856 {477},In2306,ppm, .4947,.0073,1.469, .4896, .4998
V_2924,292.402 {115},Y_3600,ppm, .4679,.0007,.1547, .4674, .4684
Zn2062,206.200 {463},In2306,ppm, .4786,.0087,1.816, .4724, .4847

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 421.29,2.7403,.65047,419.35,423.23
In2306,230.606 {446},Cts/S, 14309.,102.83,.71862,14382.,14236.
Y_2243,224.306 {450},Cts/S, 19322.,62.919,.32564,19366.,19277.
Y_3600,360.073 { 94},Cts/S, 152980.,982.98,.64256,153670.,152280.
Y_3710,371.030 { 91},Cts/S, 19381.,89.646,.46255,19444.,19317.

Method: 20076010 03/28/12 09:40:29 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A032812	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 03/28/12 09:51:39 AM page 1

Method: 20076010 Standard: S0
Run Time: 03/28/12 09:48:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00602	.00139	-.00206	-.00010	-.02190	.03230	.00242
SDev	.00010	.00053	.00037	.00048	.00006	.00251	.00001
%RSD	1.7192	37.847	18.010	498.33	.25140	7.7779	.29645
#1	.00610	.00102	-.00180	.00024	-.02186	.03407	.00243
#2	.00595	.00177	-.00232	-.00044	-.02193	.03052	.00242

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00545	-.00025	-.00028	.00385	.00158	.06838	.03600
SDev	.00002	.00022	.00015	.00015	.00240	.00036	.00016
%RSD	.29645	87.363	55.088	3.8540	152.25	.52200	.43925
#1	.00546	-.00010	-.00017	.00396	.00328	.06863	.03611
#2	.00544	-.00041	-.00039	.00375	-.00012	.06812	.03589

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	-.00001	-.00055	-.00079	.43276	.03278	-.00024	-.00167
SDev	.00002	.00040	.00177	.00219	.00080	.00010	.00051
%RSD	141.42	72.501	223.65	.50632	2.4399	42.156	30.461
#1	.00000	-.00083	-.00204	.43431	.03334	-.00017	-.00131
#2	-.00002	-.00027	.00046	.43121	.03221	-.00031	-.00203

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.21779	-.00741	-.00171	.00095	-.00338	-.00008	.00114
SDev	.00001	.00114	.00057	.00024	.00086	.00009	.00000
%RSD	.00254	15.421	33.379	25.670	25.565	100.87	.29645
#1	.21779	-.00661	-.00211	.00112	-.00277	-.00002	.00114
#2	.21779	-.00822	-.00131	.00077	-.00399	-.00015	.00114

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00643	-.00429	-.00268	.00109

SDev	.00168	.00631	.00025	.00030
%RSD	26.080	147.02	9.3036	28.000
#1	.00525	.00017	-.00250	.00087
#2	.00762	-.00875	-.00285	.00131

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41264	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.2964521	--	--	--	--	--	--
#1	41178	--	--	--	--	--	--
#2	41351	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 03/28/12 09:52:46

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.87022	.97515	1.1145	12.561	22.344	6.6899	13.861
SDev	.00241	.00275	.0035	.012	.046	.0045	.045
%RSD	.27698	.28194	.31749	.09558	.20675	.06691	.32370
#1	.87193	.97710	1.1170	12.569	22.377	6.6931	13.893
#2	.86852	.97321	1.1120	12.552	22.311	6.6867	13.829

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8993	2.2072	1.2992	1.2924	4.9130	18.147	1.2557
SDev	.0091	.0053	.0032	.0011	.0112	.032	.0052
%RSD	.31321	.24110	.24302	.08671	.22847	.17575	.41506
#1	2.9057	2.2109	1.3014	1.2932	4.9210	18.169	1.2594
#2	2.8928	2.2034	1.2970	1.2916	4.9051	18.124	1.2520

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.8544	1.6596	5.5355	2.5205	.86941	.74730	.12338
SDev	.0045	.0032	.0140	.0066	.00429	.00217	.00126
%RSD	.24257	.19559	.25376	.26293	.49295	.29053	1.0189
#1	1.8576	1.6619	5.5454	2.5252	.87244	.74883	.12426
#2	1.8513	1.6573	5.5255	2.5158	.86638	.74576	.12249

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	14.871	41.322	.33108	2.7424	11.272	.55415	3.2205
SDev	.030	.048	.00057	.0106	.015	.00130	.0085
%RSD	.20484	.11597	.17137	.38834	.13564	.23517	.26280
#1	14.893	41.356	.33148	2.7499	11.283	.55508	3.2265
#2	14.850	41.288	.33068	2.7349	11.261	.55323	3.2145

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.8931	8.0539	1.1300	1.0364
SDev	.0066	.0253	.0030	.0052
%RSD	.17037	.31374	.26856	.49950
#1	3.8978	8.0717	1.1322	1.0401
#2	3.8884	8.0360	1.1279	1.0327

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41042	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.3066737	--	--	--	--	--	--
#1	40953	--	--	--	--	--	--
#2	41131	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	23.1428	-.139372	03/28/12 09:52:46
Sb2068	206.838	STD	S0	2.06073	-.002870	03/28/12 09:52:46
As1890	189.042	STD	S0	1.77388	.003653	03/28/12 09:52:46
Ba4934	493.409	STD	S0	.159224	.000015	03/28/12 09:52:46
Be3130	313.042	STD	S0	.044740	.000980	03/28/12 09:52:46
B_2496	249.678	STD	S0	.300408	-.009702	03/28/12 09:52:46
Cd2265	226.502	STD	S0	.072300	-.000175	03/28/12 09:52:46
Ca3179	317.933	STD	S0	6.91133	-.037685	03/28/12 09:52:46
Cr2677	267.716	STD	S0	.906037	.000230	03/28/12 09:52:46
Co2286	228.616	STD	S0	1.53907	.000429	03/28/12 09:52:46
Cu3247	324.753	STD	S0	1.55132	-.005978	03/28/12 09:52:46
Fe2714	271.441	STD	S0	3.90352	-.006163	03/28/12 09:52:46
Li6707	670.784	STD	S0	.110630	-.007565	03/28/12 09:52:46
Pb2203	220.353		NONE	.000000	.000000	*03/28/12 09:52:46
Se1960	196.026		NONE	.000000	.000000	*03/28/12 09:52:46
Mg2790	279.078	STD	S0	16.3970	-.590288	03/28/12 09:52:46
Mn2576	257.610	STD	S0	1.07869	.000013	03/28/12 09:52:46
Mo2020	202.030	STD	S0	1.20472	.000658	03/28/12 09:52:46
Ni2316	231.604	STD	S0	.361255	.000285	03/28/12 09:52:46
K_7664	766.491	STD	S0	9.57962	-4.14568	03/28/12 09:52:46
Si2881	288.158	STD	S0	2.36854	-.077635	03/28/12 09:52:46
Ag3280	328.068	STD	S0	1.33809	.000324	03/28/12 09:52:46
Na3302	330.232	STD	S0	159.940	.267321	03/28/12 09:52:46
Na5889	588.995	STD	S0	1.36488	-.297257	03/28/12 09:52:46
Sr4215	421.552	STD	S0	.024207	.000179	03/28/12 09:52:46
Tl1908	190.864	STD	S0	6.02923	.010306	03/28/12 09:52:46
Sn1899	189.989	STD	S0	.729539	-.000690	03/28/12 09:52:46
Ti3349	334.941	STD	S0	.177373	.000599	03/28/12 09:52:46
V_2924	292.402	STD	S0	3.57398	.000303	03/28/12 09:52:46
Zn2138	213.856	STD	S0	.622004	-.000708	03/28/12 09:52:46
2203/1	220.351	STD	S0	.517580	-.003329	03/28/12 09:52:46
2203/2	220.352	STD	S0	.247266	.001061	03/28/12 09:52:46
1960/1	196.021	STD	S0	1.76789	.004733	03/28/12 09:52:46
1960/2	196.022	STD	S0	1.92775	-.002101	03/28/12 09:52:46

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

```
Sb2068   206.838     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00666         -.006658

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
As1890   189.042     S0              .000000         .000000         -.000000
                     STD            2.00000         1.98066         .019338


                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ba4934   493.409     S0              .000000         .000000         -.000000

Standardization      Readback Report      03/28/12 09:56:29 AM        page 4


                     STD            2.00000         2.00000         .000000

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Be3130   313.042     S0              .000000         .000000         -.000000
                     STD            1.00000         1.00064         -.000640

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
B_2496   249.678     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00000         .000000

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Cd2265   226.502     S0              .000000         -.000000        .000000
                     STD            1.00000         1.00198         -.001980

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ca3179   317.933     S0              .000000         -.000000        .000000
                     STD            20.0000         20.0000         .000000

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Cr2677   267.716     S0              .000000         -.000000        .000000
                     STD            2.00000         2.00000         .000000

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Co2286   228.616     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00000         .000000

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Cu3247   324.753     S0              .000000         .000000         -.000000
                     STD            2.00000         1.99894         .001060

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Fe2714   271.441     S0              .000000         .000000         -.000000
                     STD            20.0000         19.1720         .828014

                                     Known          Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Li6707   670.784     S0              .000000         -.000000        .000000
                     STD            2.00000         2.00000         .000000
```

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 03/28/12 09:56:29 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	-.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

```
                    STD            1.00000         1.00048         -.000480

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Tl1908    190.864     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00644         -.006442


Standardization      Readback Report      03/28/12 09:56:29 AM         page 6

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Sn1899    189.989     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00000         .000000

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Ti3349    334.941     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00000         .000000

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
V_2924    292.402     S0              .000000         .000000         -.000000
                      STD            2.00000         1.98084         .019164

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
Zn2138    213.856     S0              .000000         -.000000        .000000
                      STD            2.00000         2.00245         -.002452

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
2203/1    220.351     S0              .000000         .000000         -.000000
                      STD            2.00000         2.01167         -.011672

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
2203/2    220.352     S0              .000000         .000000         -.000000
                      STD            2.00000         1.99251         .007490

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
1960/1    196.021     S0              .000000         .000000         -.000000
                      STD            2.00000         2.00251         -.002508

                                     Known         Measured        Residual
Element   Wavelength  Standard     Concentration   Concentration   Concentration
1960/2    196.022     S0              .000000         -.000000        .000000
                      STD            2.00000         1.99584         .004162


Analysis Report                          03/28/12 10:01:14 AM         page 1

Method: 20076010   Sample Name: S2 met0312cal_00001    Operator: DCL
Run Time: 03/28/12 09:57:26
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    20.218    2.0298    2.0225    2.0298    1.0146    2.0270    1.0149
```

SDev	.038	.0113	.0051	.0053	.0034	.0038	.0031
%RSD	.18817	.55566	.25240	.26121	.33405	.18811	.30458
#1	20.245	2.0378	2.0261	2.0335	1.0170	2.0297	1.0170
#2	20.191	2.0218	2.0189	2.0260	1.0122	2.0243	1.0127

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.253	2.0260	2.0220	2.0194	20.261	2.0238	2.0271
SDev	.059	.0059	.0065	.0055	.065	.0037	.0045
%RSD	.29162	.29345	.32179	.27468	.32056	.18484	.22047
#1	20.295	2.0302	2.0266	2.0233	20.307	2.0265	2.0302
#2	20.211	2.0218	2.0174	2.0154	20.215	2.0212	2.0239

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0223	20.250	2.0228	2.0294	2.0455	20.257	2.0152
SDev	.0012	.055	.0063	.0023	.0029	.055	.0032
%RSD	.05875	.27385	.31393	.11230	.14019	.26921	.15970
#1	2.0231	20.290	2.0273	2.0310	2.0475	20.296	2.0175
#2	2.0215	20.211	2.0183	2.0278	2.0435	20.218	2.0130

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0105	20.123	20.231	1.0146	2.0316	2.0239	2.0286
SDev	.0034	.045	.022	.0026	.0069	.0041	.0058
%RSD	.33247	.22259	.10831	.25847	.34034	.20419	.28807
#1	1.0129	20.092	20.247	1.0165	2.0267	2.0269	2.0327
#2	1.0081	20.155	20.216	1.0127	2.0365	2.0210	2.0244

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0226	2.0276	2.0247	2.0283	2.0251	2.0209
SDev	.0057	.0052	.0070	.0032	.0072	.0018
%RSD	.28115	.25828	.34518	.15822	.35324	.08879
#1	2.0266	2.0313	2.0296	2.0306	2.0302	2.0196
#2	2.0186	2.0239	2.0198	2.0260	2.0201	2.0222

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40847	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.3600710	--	--	--	--	--	--

Analysis Report 03/28/12 10:01:14 AM page 2

#1	40743	--	--	--	--	--	--
#2	40951	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 10:01:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4881	.50040	.50285	.49744	.50629	.49940	.50512
SDev	.0039	.00053	.00129	.00239	.00317	.00314	.00283
%RSD	.15688	.10616	.25661	.48144	.62692	.62855	.56110
#1	2.4909	.50078	.50376	.49913	.50854	.50162	.50712
#2	2.4854	.50003	.50194	.49575	.50405	.49718	.50312

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.571	.49970	.50205	.50088	2.5470	.45879	.50060
SDev	.069	.00281	.00222	.00222	.0217	.00201	.00340
%RSD	.54736	.56273	.44288	.44314	.85149	.43764	.67859
#1	12.620	.50169	.50363	.50245	2.5624	.46021	.50300
#2	12.523	.49771	.50048	.49931	2.5317	.45737	.49820

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51152	5.0018	.49330	.51085	.50471	12.005	.94827
SDev	.00119	.0290	.00257	.00619	.00105	.101	.00463
%RSD	.23336	.57914	.52183	1.2108	.20765	.84236	.48819
#1	.51068	5.0222	.49512	.51522	.50545	12.077	.95155
#2	.51236	4.9813	.49148	.50647	.50397	11.934	.94500

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24800	12.751	11.927	.24897	.51539	.50796	.50578
SDev	.00113	.016	.057	.00121	.00248	.00564	.00239
%RSD	.45645	.12670	.47504	.48459	.48063	1.1109	.47182
#1	.24880	12.740	11.967	.24982	.51714	.51195	.50747
#2	.24720	12.762	11.887	.24811	.51363	.50397	.50409

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50476	.51032	.49822	.50179	.50384	.51542
SDev	.00285	.00252	.00458	.00281	.00377	.00368
%RSD	.56568	.49446	.91946	.55901	.74899	.71341
#1	.50678	.51210	.50146	.50378	.50651	.51282
#2	.50274	.50853	.49498	.49981	.50117	.51802

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 10:05:06 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41556	--	--	--	--	--	--
SDev	136.4716	--	--	--	--	--	--
%RSD	.3284081	--	--	--	--	--	--
#1	41459	--	--	--	--	--	--
#2	41652	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 03/28/12 10:05:09

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00591	.00141	.00292	.00003	-.00000	.00292	-.00011
SDev	.00406	.00181	.00117	.00006	.00001	.00079	.00009
%RSD	68.705	128.38	40.150	240.30	279.59	26.963	80.860
#1	.00878	.00268	.00374	.00007	.00000	.00348	-.00005
#2	.00304	.00013	.00209	-.00002	-.00001	.00236	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00208	.00005	-.00042	-.00003	-.01161	-.00002	.00040
SDev	.00046	.00032	.00036	.00046	.02536	.00009	.00035
%RSD	22.096	686.85	85.964	1513.9	218.54	570.93	87.070
#1	-.00176	.00027	-.00016	.00029	.00633	.00005	.00065
#2	-.00241	-.00018	-.00067	-.00036	-.02954	-.00008	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00827	.00010	.00395	-.00068	-.06703	-.00185
SDev	.00125	.00564	.00009	.00067	.00033	.04685	.00125
%RSD	195.94	68.182	88.355	17.063	48.706	69.891	67.521
#1	.00152	-.00429	.00017	.00443	-.00044	-.03390	-.00096
#2	-.00025	-.01226	.00004	.00347	-.00091	-.10015	-.00273

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.16531	-.00281	.00003	.00562	-.00110	.00030
SDev	.00045	.11647	.00148	.00005	.00191	.00008	.00018
%RSD	108.91	70.457	52.658	178.90	33.984	7.6261	61.818
#1	-.00009	-.08295	-.00176	.00006	.00697	-.00104	.00043
#2	-.00073	-.24767	-.00385	-.00001	.00427	-.00116	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00060	-.00229	.00175	-.00661	.00426
SDev	.00073	.00002	.00093	.00099	.00322	.00348
%RSD	213.81	2.6152	40.444	56.466	48.688	81.667
#1	.00086	.00059	-.00295	.00244	-.00888	.00672

Analysis Report 03/28/12 10:08:57 AM page 4

#2	-.00018	.00062	-.00164	.00105	-.00433	.00180

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41740	--	--	--	--	--	--
SDev	265.1650	--	--	--	--	--	--
%RSD	.6352856	--	--	--	--	--	--
#1	41552	--	--	--	--	--	--
#2	41927	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 03/28/12 10:09:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10223	.00804	.01255	.00982	.00523	.01183	.00529
SDev	.00214	.00017	.00037	.00005	.00002	.00030	.00008
%RSD	2.0892	2.1429	2.9549	.54354	.34612	2.5304	1.5581
#1	.10072	.00816	.01229	.00985	.00525	.01204	.00535
#2	.10374	.00792	.01281	.00978	.00522	.01162	.00523

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11014	.01011	.00916	.00954	.08216	.00782	.00997
SDev	.00158	.00014	.00044	.00002	.01535	.00007	.00000
%RSD	1.4327	1.3358	4.8618	.16194	18.682	.91134	.00590
#1	.11126	.01020	.00948	.00956	.09301	.00787	.00997
#2	.10903	.01001	.00885	.00953	.07130	.00777	.00997

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00866	.10001	.00977	.01099	.00981	.60566	.01120
SDev	.00176	.00408	.00003	.00009	.00079	.02462	.00072
%RSD	20.337	4.0837	.26469	.81404	8.0888	4.0650	6.4683
#1	.00990	.10290	.00979	.01105	.01037	.62307	.01171
#2	.00741	.09712	.00975	.01092	.00925	.58825	.01069

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	.57963	.57568	.00446	.01137	.00898	.01008
SDev	.00049	.05842	.00305	.00004	.00279	.00151	.00020
%RSD	10.249	10.080	.52906	.88771	24.540	16.863	2.0306
#1	.00517	.62094	.57783	.00448	.00940	.01005	.01022
#2	.00447	.53831	.57352	.00443	.01334	.00791	.00993

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00973	.01044	.00966	.01013	.00180	.01208

Analysis Report 03/28/12 10:12:47 AM page 5

SDev	.00033	.00007	.00430	.00215	.00128	.00328
%RSD	3.4142	.65353	44.474	21.197	71.001	27.155
#1	.00996	.01039	.00662	.01165	.00090	.01440
#2	.00949	.01048	.01270	.00861	.00271	.00976

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41236	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.2657877	--	--	--	--	--	--
#1	41159	--	--	--	--	--	--

#2	41314	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 03/28/12 10:12:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.78	-.00186	.00142	.00179	-.00014	.00139	-.00434
SDev	.08	.00283	.00065	.00004	.00001	.00044	.00004
%RSD	.01669	152.30	45.977	2.4184	3.7004	31.260	1.0142
#1	499.84	-.00386	.00096	.00182	-.00013	.00170	-.00431
#2	499.73	.00014	.00189	.00176	-.00014	.00108	-.00438

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	452.21	.00197	-.00063	.01326	194.73	.00435	.00589
SDev	1.85	.00005	.00080	.00036	.54	.00012	.00077
%RSD	.40993	2.5422	126.58	2.6927	.27687	2.7440	13.140
#1	453.52	.00200	-.00007	.01301	195.11	.00444	.00534
#2	450.89	.00193	-.00120	.01352	194.35	.00427	.00643

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00440	515.59	-.00761	.00045	.00020	.12732	.01110
SDev	.00302	1.44	.00011	.00012	.00072	.06833	.00128
%RSD	68.664	.27832	1.4312	25.716	356.28	53.667	11.572
#1	-.00653	516.61	-.00769	.00037	.00071	.17564	.01019
#2	-.00226	514.58	-.00754	.00053	-.00031	.07901	.01200

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.02340	.19421	-.00888	-.00779	-.00352	-.00309
SDev	.00070	.21763	.00514	.00007	.00097	.00048	.00002
%RSD	181.13	929.96	2.6468	.76797	12.406	13.620	.63459
#1	.00011	.17729	.19785	-.00893	-.00711	-.00386	-.00308
#2	-.00088	-.13049	.19058	-.00883	-.00848	-.00318	-.00311

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00402	-.00142	-.02495	.02130	-.00371	-.00474
SDev	.00051	.00031	.00325	.00279	.00564	.00171
%RSD	12.587	21.761	13.027	13.074	152.12	36.035
#1	.00366	-.00164	-.02265	.01933	-.00770	-.00595
#2	.00437	-.00120	-.02725	.02327	.00028	-.00353

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37550	--	--	--	--	--	--
SDev	343.6539	--	--	--	--	--	--
%RSD	.9151902	--	--	--	--	--	--

#1	37307	--	--	--	--	--	--
#2	37793	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 03/28/12 10:16:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.68	1.0554	1.0482	1.0606	.50321	1.0674	.48365
SDev	.28	.0032	.0044	.0005	.00002	.0014	.00049
%RSD	.05455	.30162	.41783	.04371	.00335	.13429	.10148
#1	515.88	1.0531	1.0451	1.0603	.50319	1.0664	.48330
#2	515.48	1.0576	1.0513	1.0609	.50322	1.0684	.48400

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.92	.99610	.96536	1.0931	206.14	1.1965	1.0045
SDev	.05	.00020	.00036	.0003	.20	.0003	.0009
%RSD	.01107	.02019	.03687	.02616	.09872	.02603	.08534
#1	461.96	.99596	.96561	1.0933	206.29	1.1967	1.0051
#2	461.88	.99624	.96511	1.0929	206.00	1.1962	1.0039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0297	530.28	.99415	1.0217	.97137	14.357	1.0278
SDev	.0001	.16	.00002	.0057	.00244	.018	.0001
%RSD	.00869	.03081	.00151	.55598	.25118	.12780	.01036
#1	1.0296	530.16	.99414	1.0177	.96964	14.370	1.0279
#2	1.0297	530.39	.99416	1.0257	.97309	14.344	1.0277

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55335	12.025	13.545	.51126	1.0154	1.0171	1.0245
SDev	.00061	.048	.007	.00010	.0051	.0017	.0004

%RSD	.11050	.39696	.04932	.01942	.50116	.17030	.04044
#1	.55378	11.991	13.550	.51119	1.0118	1.0183	1.0242
#2	.55291	12.059	13.540	.51133	1.0190	1.0159	1.0248

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	1.0454	.96971	1.0219	1.0309	1.0290
SDev	.0003	.0006	.00150	.0005	.0042	.0020
%RSD	.02658	.06108	.15419	.05268	.41035	.19252
#1	1.0134	1.0449	.97076	1.0223	1.0279	1.0304
#2	1.0138	1.0458	.96865	1.0215	1.0339	1.0276

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37701	--	--	--	--	--	--

SDev	29.69848	--	--	--	--	--	--
%RSD	.0787737	--	--	--	--	--	--
#1	37680	--	--	--	--	--	--
#2	37722	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 10:20:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5327	.51030	.50684	.50429	.50423	.50324	.50960
SDev	.0058	.00466	.00143	.00011	.00169	.00201	.00173
%RSD	.22919	.91401	.28260	.02213	.33598	.39867	.33988
#1	2.5368	.51360	.50785	.50437	.50543	.50466	.51083
#2	2.5286	.50700	.50582	.50421	.50303	.50183	.50838

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.593	.49939	.50081	.50333	2.5566	.46517	.50218
SDev	.035	.00123	.00197	.00031	.0008	.00002	.00098
%RSD	.27614	.24716	.39298	.06187	.03266	.00459	.19497
#1	12.618	.50026	.50220	.50355	2.5560	.46515	.50287
#2	12.568	.49851	.49942	.50311	2.5571	.46518	.50149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50682	5.0257	.49502	.51105	.51188	12.113	.95329
SDev	.00224	.0225	.00140	.00153	.00110	.020	.00176
%RSD	.44219	.44751	.28260	.29837	.21516	.16564	.18504
#1	.50840	5.0416	.49601	.51213	.51266	12.127	.95454
#2	.50523	5.0098	.49404	.50997	.51110	12.099	.95205

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24911	12.769	12.112	.25261	.51939	.50817	.50859
SDev	.00024	.022	.006	.00013	.00335	.00462	.00132
%RSD	.09550	.16978	.04899	.05187	.64451	.90960	.25969
#1	.24928	12.754	12.107	.25270	.51702	.51144	.50952
#2	.24894	12.785	12.116	.25252	.52175	.50490	.50766

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50598	.51445	.49483	.50586	.49544	.51256
SDev	.00193	.00099	.00031	.00162	.00178	.00247
%RSD	.38228	.19206	.06278	.32104	.35988	.48195
#1	.50735	.51514	.49461	.50701	.49671	.51431
#2	.50461	.51375	.49505	.50471	.49418	.51081

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	41508	--	--	--	--	--	--
SDev	62.93250	--	--	--	--	--	--
%RSD	.1516172	--	--	--	--	--	--
#1	41552	--	--	--	--	--	--
#2	41463	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 10:24:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01365	.00129	.00198	.00005	-.00004	.00121	.00005
SDev	.00633	.00099	.00184	.00003	.00002	.00044	.00020
%RSD	46.352	77.108	92.683	67.761	37.546	36.539	368.61
#1	.01813	.00059	.00068	.00008	-.00003	.00152	.00020
#2	.00918	.00199	.00328	.00003	-.00005	.00090	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00418	.00043	.00016	-.00070	.01589	-.00008	.00058
SDev	.00385	.00005	.00069	.00058	.02797	.00004	.00016
%RSD	92.067	10.514	443.73	82.170	176.08	46.037	28.016
#1	.00690	.00047	.00065	-.00029	.03567	-.00005	.00069
#2	.00146	.00040	-.00033	-.00111	-.00389	-.00011	.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00560	.00003	.00323	-.00002	-.09465	-.00497
SDev	.00058	.00329	.00002	.00079	.00026	.00018	.00023
%RSD	338.26	58.851	69.365	24.346	1501.8	.18664	4.5786

#1	.00059	-.00327	.00004	.00379	.00017	-.09452	-.00481
#2	-.00024	-.00793	.00001	.00268	-.00020	-.09477	-.00514

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.11260	-.00685	.00001	.00433	-.00004	.00021
SDev	.00098	.28829	.00028	.00003	.00241	.00096	.00012
%RSD	180.19	256.02	4.0329	179.21	55.665	2225.9	55.161
#1	.00124	.31645	-.00666	.00003	.00603	.00064	.00030
#2	-.00015	-.09125	-.00705	-.00000	.00262	-.00072	.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00055	.00037	.00068	-.00635	.00343
SDev	.00013	.00005	.00100	.00026	.00462	.00144
%RSD	50.865	9.9214	272.72	37.992	72.841	41.813
#1	.00034	.00051	.00107	.00050	-.00308	.00242
#2	.00016	.00058	-.00034	.00086	-.00962	.00445

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42346	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.0951793	--	--	--	--	--	--
#1	42318	--	--	--	--	--	--
#2	42375	--	--	--	--	--	--

Analysis Report 03/28/12 10:35:06 AM page 1

Method: 20076010 Sample Name: mb 600-75754/1-a Operator: DCL
Run Time: 03/28/12 10:31:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01903	-.00063	.00143	.00167	-.00010	.00229	-.00014
SDev	.00031	.00211	.00169	.00000	.00000	.00011	.00016
%RSD	1.6259	332.80	118.37	.13811	2.4282	4.9590	113.55
#1	.01881	-.00212	.00262	.00167	-.00010	.00237	-.00025
#2	.01925	.00086	.00023	.00166	-.00010	.00221	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01079	.00039	-.00007	.00049	.01973	.00003	.00130
SDev	.00032	.00014	.00008	.00027	.00389	.00001	.00030
%RSD	3.0144	35.233	108.68	55.032	19.721	23.271	23.199
#1	.01056	.00030	-.00013	.00030	.01698	.00004	.00109
#2	.01102	.00049	-.00002	.00069	.02248	.00003	.00151

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.00120	.00023	.00098	.00003	-.00979	.00005
SDev	.00283	.00152	.00002	.00082	.00031	.01030	.00096
%RSD	116.56	126.67	7.5832	84.248	1114.4	105.14	2013.4
#1	.00444	.00227	.00022	.00156	.00025	-.00251	.00073
#2	.00043	.00013	.00025	.00040	-.00019	-.01707	-.00063

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.03828	.00003	.00019	.00302	-.00060	.00044
SDev	.00016	.00640	.00034	.00001	.00080	.00107	.00003
%RSD	89.449	16.721	996.31	6.2965	26.625	177.84	6.0569
#1	.00029	-.04281	.00028	.00018	.00358	-.00136	.00046
#2	.00007	-.03375	-.00021	.00020	.00245	.00016	.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00241	-.00007	.00198	-.00307	.00518
SDev	.00030	.00013	.00021	.00035	.00200	.00325
%RSD	83.864	5.3232	315.06	17.497	65.276	62.753
#1	.00014	.00232	-.00022	.00174	-.00165	.00748
#2	.00057	.00250	.00008	.00223	-.00448	.00288

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41347	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.3044115	--	--	--	--	--	--

Analysis Report 03/28/12 10:35:06 AM page 2

#1	41258	--	--	--	--	--	--
#2	41436	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75754/2-a Operator: DCL
Run Time: 03/28/12 10:35:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.175	1.0330	1.0393	1.0408	.51705	1.0277	.52657
SDev	.019	.0027	.0014	.0024	.00092	.0018	.00107
%RSD	.18808	.25954	.13626	.23018	.17782	.17690	.20381
#1	10.161	1.0311	1.0383	1.0391	.51640	1.0264	.52581
#2	10.188	1.0349	1.0403	1.0425	.51770	1.0289	.52733

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.348	1.0304	1.0350	1.0279	10.470	.47583	1.0356
SDev	.019	.0021	.0025	.0023	.041	.00080	.0014
%RSD	.18174	.20368	.24301	.22407	.39518	.16852	.13249
#1	10.334	1.0289	1.0332	1.0263	10.441	.47527	1.0346
#2	10.361	1.0319	1.0368	1.0296	10.499	.47640	1.0366

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0292	10.339	1.0313	1.0582	1.0584	10.231	.96411
SDev	.0024	.016	.0016	.0042	.0011	.025	.00193
%RSD	.23609	.15662	.15616	.40125	.10088	.23994	.19965
#1	1.0275	10.328	1.0302	1.0551	1.0576	10.214	.96275
#2	1.0309	10.350	1.0324	1.0612	1.0591	10.249	.96547

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51760	9.8917	9.9619	.52345	1.0652	1.0301	1.0356
SDev	.00086	.0110	.0216	.00117	.0058	.0049	.0020
%RSD	.16571	.11088	.21679	.22357	.54553	.47667	.19102
#1	.51699	9.8840	9.9466	.52262	1.0611	1.0266	1.0342
#2	.51820	9.8995	9.9772	.52427	1.0694	1.0336	1.0370

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0375	1.0576	1.0213	1.0428	1.0156	1.0360
SDev	.0012	.0015	.0023	.0009	.0022	.0026
%RSD	.11144	.14215	.22601	.08670	.21195	.24792

#1	1.0367	1.0565	1.0196	1.0421	1.0140	1.0342
#2	1.0384	1.0587	1.0229	1.0434	1.0171	1.0378

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 10:38:57 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41280	--	--	--	--	--	--
SDev	94.04520	--	--	--	--	--	--
%RSD	.2278254	--	--	--	--	--	--
#1	41346	--	--	--	--	--	--
#2	41213	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-75710/1-b Operator: DCL
Run Time: 03/28/12 10:39:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02595	-.00040	.00375	.00537	-.00014	.00770	-.00007
SDev	.00041	.00190	.00150	.00001	.00003	.00176	.00009
%RSD	1.5725	473.78	40.027	.17866	18.253	22.844	122.70
#1	.02624	.00094	.00482	.00538	-.00012	.00895	-.00013
#2	.02567	-.00175	.00269	.00536	-.00016	.00646	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06589	.00081	-.00001	.00074	.02029	.00052	.00072
SDev	.00002	.00002	.00025	.00028	.01684	.00004	.00003
%RSD	.03625	2.3338	1844.5	37.873	82.976	8.0187	4.8041
#1	.06590	.00082	-.00019	.00093	.00839	.00055	.00070
#2	.06587	.00079	.00016	.00054	.03219	.00049	.00075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	.03629	.00038	.00383	-.00063	.19395	.00803
SDev	.00391	.00338	.00006	.00182	.00038	.03240	.00187
%RSD	131.04	9.3213	15.651	47.534	60.391	16.706	23.328
#1	.00575	.03868	.00042	.00512	-.00090	.21687	.00671
#2	.00022	.03389	.00033	.00254	-.00036	.17104	.00936

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	186.42	144.80	.00029	.00603	.00117	.00048
SDev	.00061	.52	.73	.00000	.00200	.00018	.00010
%RSD	239.98	.28119	.50151	.04698	33.183	15.646	20.532
#1	-.00018	186.79	145.32	.00029	.00744	.00104	.00056
#2	.00069	186.05	144.29	.00029	.00461	.00130	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00580	.00140	.00038	-.00073	.00484

SDev	.00017	.00007	.00087	.00038	.00147	.00513
%RSD	26.129	1.1570	61.959	99.945	201.40	105.98
#1	.00053	.00584	.00079	.00065	.00031	.00846

Analysis Report 03/28/12 10:42:48 AM page 4

#2	.00077	.00575	.00202	.00011	-.00177	.00121

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40105	--	--	--	--	--	--
SDev	197.9899	--	--	--	--	--	--
%RSD	.4936788	--	--	--	--	--	--
#1	39965	--	--	--	--	--	--
#2	40245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-1-d Operator: DCL
Run Time: 03/28/12 10:42:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09680	.00094	.00431	.06928	-.00018	.00989	-.00006
SDev	.00316	.00236	.00232	.00046	.00000	.00012	.00000
%RSD	3.2675	251.93	53.797	.65979	1.3724	1.2159	3.8228
#1	.09903	.00261	.00267	.06961	-.00018	.00980	-.00006
#2	.09456	-.00073	.00595	.06896	-.00017	.00997	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.629	.00048	.00008	.00053	.06233	.00096	.00076
SDev	.486	.00000	.00000	.00019	.00129	.00002	.00087
%RSD	.58084	.03371	.29053	36.135	2.0699	1.8101	113.68
#1	83.972	.00048	.00008	.00066	.06324	.00095	.00138
#2	83.285	.00048	.00008	.00039	.06142	.00097	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	1.3801	.14594	.00230	.00034	.34164	.24540
SDev	.00039	.0096	.00085	.00004	.00012	.00444	.01379
%RSD	29.735	.69511	.58389	1.8257	34.215	1.2986	5.6182
#1	.00160	1.3869	.14655	.00233	.00026	.33850	.25515
#2	.00104	1.3733	.14534	.00228	.00042	.34478	.23565

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	176.64	139.50	.21124	.00152	-.00039	.00171
SDev	.00024	.32	.39	.00119	.00065	.00142	.00033
%RSD	205.74	.18207	.27635	.56309	42.931	369.38	19.449
#1	.00005	176.87	139.78	.21209	.00198	.00062	.00195
#2	-.00029	176.41	139.23	.21040	.00106	-.00139	.00148

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.00357	-.00019	.00124	-.00324	.00360

SDev	.00013	.00004	.00216	.00023	.00222	.00052
%RSD	16.451	1.1345	1124.0	18.227	68.611	14.510
#1	.00069	.00360	.00133	.00140	-.00167	.00323
#2	.00087	.00355	-.00172	.00108	-.00481	.00396

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39491	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0644599	--	--	--	--	--	--
#1	39509	--	--	--	--	--	--
#2	39473	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-2-d Operator: DCL
Run Time: 03/28/12 10:46:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67298	.00063	.00346	.10499	-.00002	.01456	-.00012
SDev	.00702	.00160	.00065	.00067	.00000	.00010	.00000
%RSD	1.0438	254.25	18.856	.63770	6.6185	.69354	3.4785
#1	.67794	-.00050	.00392	.10451	-.00002	.01449	-.00011
#2	.66801	.00176	.00300	.10546	-.00002	.01463	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.210	.00077	-.00018	.00071	.24806	.00085	.00210
SDev	.059	.00000	.00022	.00002	.00667	.00002	.00031
%RSD	.53029	.33700	120.44	3.0486	2.6885	2.2590	14.855
#1	11.168	.00077	-.00003	.00073	.24335	.00084	.00188
#2	11.252	.00077	-.00034	.00070	.25278	.00086	.00232

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	1.9044	.01226	.00102	.00029	.33048	1.2001
SDev	.00030	.0091	.00028	.00013	.00048	.01316	.0333
%RSD	46.367	.47969	2.3287	12.623	163.81	3.9815	2.7789
#1	.00087	1.8979	.01205	.00092	.00063	.32117	1.2236
#2	.00044	1.9108	.01246	.00111	-.00005	.33978	1.1765

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	143.06	115.20	.03848	.00164	.00018	.01878
SDev	.00010	.32	.37	.00026	.00025	.00051	.00143
%RSD	40.291	.22402	.31715	.68668	15.356	288.47	7.6144
#1	-.00017	142.83	114.94	.03829	.00182	.00053	.01979
#2	-.00031	143.29	115.46	.03866	.00147	-.00018	.01777

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.01152	.00203	.00214	-.00215	.00206
SDev	.00007	.00083	.00143	.00024	.00177	.00043
%RSD	7.4971	7.2150	70.204	11.431	82.000	20.671
#1	.00084	.01093	.00102	.00231	-.00090	.00176
#2	.00093	.01210	.00304	.00196	-.00340	.00236

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40410	--	--	--	--	--	--
SDev	194.4544	--	--	--	--	--	--
%RSD	.4811976	--	--	--	--	--	--
#1	40548	--	--	--	--	--	--
#2	40273	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-3-d Operator: DCL
Run Time: 03/28/12 10:50:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66199	.00081	.00270	.10491	-.00007	.01240	-.00020
SDev	.00673	.00177	.00241	.00144	.00001	.00021	.00011
%RSD	1.0160	219.67	89.317	1.3705	21.069	1.6826	54.391
#1	.65724	-.00045	.00441	.10389	-.00006	.01225	-.00012
#2	.66675	.00206	.00099	.10592	-.00008	.01254	-.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.709	.00077	.00001	-.00018	.26203	.00093	.00114
SDev	.170	.00006	.00011	.00028	.00202	.00008	.00002
%RSD	1.1545	7.5731	1595.8	156.29	.77163	8.1948	1.7774
#1	14.589	.00081	.00009	-.00037	.26060	.00088	.00116
#2	14.829	.00073	-.00007	.00002	.26346	.00099	.00113

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	1.8654	.01619	.00149	.00088	.37528	1.2393
SDev	.00012	.0287	.00018	.00071	.00035	.03995	.0035
%RSD	8.1901	1.5373	1.1068	47.689	39.644	10.645	.28030
#1	.00137	1.8451	.01607	.00200	.00063	.34703	1.2418
#2	.00153	1.8856	.01632	.00099	.00113	.40353	1.2369

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	165.73	130.93	.04765	.00136	.00235	.01843
SDev	.00017	1.99	1.38	.00060	.00210	.00074	.00051

%RSD	181.88	1.2005	1.0537	1.2484	154.09	31.410	2.7802
#1	.00003	164.32	129.95	.04723	.00285	.00288	.01879
#2	-.00021	167.14	131.90	.04807	-.00012	.00183	.01807

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	.00972	.00063	.00140	-.00301	.00368
SDev	.00019	.00019	.00135	.00065	.00735	.00385
%RSD	16.355	1.9645	214.88	46.095	243.82	104.64
#1	.00103	.00958	.00159	.00094	.00218	.00096
#2	.00130	.00985	-.00033	.00186	-.00821	.00641

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40216	--	--	--	--	--	--
SDev	398.8082	--	--	--	--	--	--
%RSD	.9916655	--	--	--	--	--	--
#1	40498	--	--	--	--	--	--
#2	39934	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-4-d Operator: DCL
Run Time: 03/28/12 10:54:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05661	.00073	.00364	.07655	-.00025	.01098	-.00010
SDev	.00001	.00271	.00259	.00045	.00001	.00049	.00019
%RSD	.02547	371.49	71.197	.58510	4.3299	4.4902	187.03
#1	.05662	-.00119	.00181	.07687	-.00024	.01133	.00003
#2	.05660	.00265	.00547	.07624	-.00025	.01063	-.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.415	.00020	.00206	-.00039	.02679	.00095	.00046
SDev	.385	.00008	.00025	.00013	.00616	.00003	.00034
%RSD	.43062	41.649	11.976	33.150	22.990	3.3203	72.767
#1	89.687	.00014	.00223	-.00030	.02244	.00092	.00022
#2	89.143	.00025	.00188	-.00048	.03115	.00097	.00070

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.84110	.19563	.00129	.00393	.39407	.30624
SDev	.00285	.00385	.00104	.00002	.00061	.01881	.00028
%RSD	353.92	.45812	.52948	1.7867	15.422	4.7732	.09063
#1	.00282	.84383	.19637	.00127	.00350	.38077	.30644
#2	-.00121	.83838	.19490	.00130	.00436	.40737	.30605

Analysis Report 03/28/12 10:58:14 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	177.83	140.81	.15210	.00090	.00121	.00046
SDev	.00005	1.36	1.01	.00073	.00230	.00227	.00007
%RSD	96.135	.76200	.71777	.48331	255.75	187.15	14.595
#1	-.00002	178.79	141.53	.15262	.00252	.00282	.00051
#2	-.00009	176.87	140.10	.15158	-.00073	-.00039	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.01452	-.00064	.00101	-.00307	.00275
SDev	.00019	.00001	.00188	.00044	.00199	.00329
%RSD	26.787	.09043	295.71	43.298	64.704	119.66
#1	.00059	.01453	-.00196	.00132	-.00167	.00507
#2	.00086	.01451	.00069	.00070	-.00448	.00042

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39263	--	--	--	--	--	--
SDev	80.61018	--	--	--	--	--	--
%RSD	.2053082	--	--	--	--	--	--
#1	39320	--	--	--	--	--	--
#2	39206	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-5-d Operator: DCL
Run Time: 03/28/12 10:58:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04339	-.00091	.00415	.03697	-.00025	.01060	-.00008
SDev	.00283	.00190	.00121	.00014	.00001	.00052	.00003
%RSD	6.5321	208.66	29.095	.37343	4.4275	4.9347	39.862
#1	.04139	-.00225	.00330	.03707	-.00026	.01023	-.00010
#2	.04539	.00043	.00501	.03687	-.00025	.01097	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.398	.00028	-.00008	-.00062	.01540	.00108	.00060
SDev	.163	.00013	.00006	.00016	.00255	.00010	.00041
%RSD	.18836	46.947	74.796	25.881	16.585	9.0210	69.214
#1	86.513	.00037	-.00004	-.00050	.01720	.00101	.00030
#2	86.283	.00018	-.00012	-.00073	.01359	.00115	.00089

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	.81391	.11282	.00122	.00077	.28871	.17036
SDev	.00159	.00582	.00037	.00033	.00064	.04589	.00332
%RSD	62.811	.71495	.33115	26.747	82.441	15.893	1.9491

Analysis Report 03/28/12 11:02:05 AM page 9

#1	.00141	.80980	.11309	.00099	.00122	.25626	.17271

#2	.00366	.81803	.11256	.00145	.00032	.32116	.16801
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	173.60	137.43	.19184	.00123	.00019	.00003
SDev	.00017	.59	.26	.00053	.00222	.00117	.00006
%RSD	163.64	.34107	.18920	.27641	179.79	611.15	208.19
#1	.00022	174.02	137.61	.19221	.00280	-.00063	-.00001
#2	-.00002	173.18	137.24	.19146	-.00033	.00102	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00613	.00074	.00053	-.00390	.00576
SDev	.00006	.00017	.00009	.00066	.00102	.00188
%RSD	9.3200	2.7447	11.702	125.75	26.170	32.645
#1	.00067	.00601	.00080	.00006	-.00463	.00443
#2	.00059	.00625	.00067	.00099	-.00318	.00709

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39510	--	--	--	--	--	--
SDev	254.5584	--	--	--	--	--	--
%RSD	.6442887	--	--	--	--	--	--
#1	39690	--	--	--	--	--	--
#2	39330	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-6-f Operator: DCL
Run Time: 03/28/12 11:02:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03070	.00128	.00406	.13096	-.00022	.01149	-.00003
SDev	.00047	.00027	.00070	.00088	.00000	.00038	.00008
%RSD	1.5403	20.822	17.159	.67271	.98784	3.3386	309.45
#1	.03103	.00109	.00455	.13158	-.00022	.01122	.00003
#2	.03036	.00147	.00357	.13034	-.00022	.01176	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.971	.00028	-.00025	-.00034	.01970	.00090	.00075
SDev	.367	.00026	.00053	.00026	.01598	.00002	.00011
%RSD	.67912	94.000	206.45	77.866	81.098	2.1909	15.172
#1	54.230	.00009	.00012	-.00052	.03100	.00089	.00067
#2	53.712	.00046	-.00063	-.00015	.00840	.00091	.00083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 11:05:56 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	5.8037	.01130	.00066	.00048	.38203	.12283
SDev	.00065	.0404	.00001	.00104	.00079	.00760	.00195
%RSD	429.53	.69545	.12382	157.83	165.52	1.9904	1.5908

#1	-.00031	5.8323	.01131	.00139	.00104	.37665	.12421
#2	.00062	5.7752	.01129	-.00008	-.00008	.38740	.12145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	165.55	131.73	.05891	.00037	.00069	-.00002
SDev	.00027	1.05	.56	.00033	.00261	.00064	.00002
%RSD	49.102	.63547	.42743	.56521	713.15	93.497	85.233

#1	-.00035	166.30	132.13	.05914	.00221	.00023	-.00003
#2	-.00073	164.81	131.33	.05867	-.00148	.00114	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00605	.00064	.00081	-.00222	.00134
SDev	.00025	.00002	.00259	.00112	.00046	.00121
%RSD	112.51	.28194	401.87	138.73	20.592	90.358

#1	.00004	.00604	-.00119	.00160	-.00190	.00048
#2	.00039	.00607	.00247	.00002	-.00255	.00220

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39462	--	--	--	--	--	--
SDev	82.73149	--	--	--	--	--	--
%RSD	.2096458	--	--	--	--	--	--

#1	39521	--	--	--	--	--	--
#2	39404	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52117-b-1-b Operator: DCL
Run Time: 03/28/12 11:05:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03029	.00215	.00171	.04152	-.00027	.14340	-.00016
SDev	.00183	.00072	.00028	.00001	.00002	.00034	.00009
%RSD	6.0392	33.345	16.306	.01252	7.8087	.23693	59.028

#1	.02900	.00164	.00151	.04152	-.00026	.14316	-.00009
#2	.03158	.00266	.00191	.04152	-.00029	.14364	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.884	.00047	.00132	.00831	.01146	.00467	.00082
SDev	.009	.00008	.00016	.00011	.00598	.00000	.00022
%RSD	.03203	17.360	12.233	1.2680	52.173	.06109	26.783

Analysis Report 03/28/12 11:09:47 AM page 11

#1	28.890	.00041	.00144	.00824	.00723	.00467	.00067
#2	28.877	.00053	.00121	.00839	.01569	.00466	.00098

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00051	2.1734	.52750	.00139	.00148	.58112	.62208
SDev	.00167	.0043	.00013	.00035	.00015	.01183	.00099
%RSD	326.71	.20015	.02423	24.967	10.176	2.0361	.15882
#1	.00169	2.1703	.52759	.00114	.00159	.57275	.62278
#2	-.00067	2.1765	.52741	.00163	.00137	.58948	.62138

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	66.402	57.572	.21843	.00066	.00146	.00008
SDev	.00026	.047	.103	.00003	.00309	.00044	.00010
%RSD	131.12	.07035	.17875	.01163	471.14	30.022	123.30
#1	-.00038	66.435	57.644	.21845	-.00153	.00115	.00001
#2	-.00001	66.369	57.499	.21841	.00284	.00176	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.03055	-.00003	.00125	-.00401	.00277
SDev	.00013	.00015	.00107	.00021	.00189	.00156
%RSD	41.388	.49975	3349.6	16.495	47.068	56.315
#1	.00022	.03044	-.00079	.00139	-.00268	.00388
#2	.00041	.03066	.00073	.00110	-.00535	.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39626	--	--	--	--	--	--
SDev	137.8858	--	--	--	--	--	--
%RSD	.3479637	--	--	--	--	--	--
#1	39724	--	--	--	--	--	--
#2	39529	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 11:09:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4749	.50924	.51022	.50910	.50040	.50525	.52358
SDev	.0014	.00212	.00469	.00165	.00243	.00119	.00216
%RSD	.05486	.41573	.91938	.32390	.48560	.23543	.41348
#1	2.4758	.51074	.51354	.51026	.50212	.50609	.52511
#2	2.4739	.50775	.50691	.50793	.49869	.50441	.52205

Analysis Report 03/28/12 11:13:38 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.725	.49907	.50107	.49459	2.6091	.46820	.50877
SDev	.050	.00176	.00224	.00078	.0300	.00090	.00397
%RSD	.39510	.35247	.44653	.15772	1.1507	.19188	.78055
#1	12.761	.50031	.50265	.49514	2.6303	.46884	.51158
#2	12.690	.49782	.49949	.49404	2.5878	.46757	.50596

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51095	5.0418	.49710	.51344	.51568	12.505	.94462
SDev	.00695	.0224	.00205	.00283	.00256	.065	.00091
%RSD	1.3595	.44436	.41317	.55144	.49708	.52285	.09630
#1	.51587	5.0576	.49855	.51544	.51749	12.552	.94526
#2	.50604	5.0259	.49565	.51144	.51386	12.459	.94397

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24999	12.675	12.027	.25680	.53013	.50986	.51113
SDev	.00116	.129	.001	.00084	.00153	.00531	.00207
%RSD	.46380	1.0168	.00817	.32871	.28887	1.0412	.40471
#1	.25081	12.766	12.027	.25740	.53122	.51361	.51259
#2	.24917	12.584	12.026	.25620	.52905	.50610	.50967

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50512	.52388	.49434	.51599	.49449	.51925
SDev	.00195	.00205	.00491	.00350	.00484	.00800
%RSD	.38647	.39154	.99409	.67826	.97806	1.5410
#1	.50650	.52533	.49782	.51846	.49791	.52490
#2	.50374	.52243	.49087	.51351	.49107	.51359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39819	--	--	--	--	--	--
SDev	158.3919	--	--	--	--	--	--
%RSD	.3977798	--	--	--	--	--	--
#1	39707	--	--	--	--	--	--
#2	39931	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 11:13:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03446	.00067	.00429	.00020	-.00027	.00017	-.00015
SDev	.00402	.00380	.00101	.00017	.00002	.00015	.00015

%RSD	11.676	568.88	23.590	86.064	6.2180	89.316	95.042
#1	.03162	-.00202	.00357	.00008	-.00028	.00006	-.00026
#2	.03731	.00336	.00501	.00032	-.00025	.00028	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	.00089	-.00034	-.00049	-.00626	.00024	.00029
SDev	.00048	.00031	.00040	.00070	.01325	.00002	.00077
%RSD	21.117	35.001	116.76	141.62	211.77	9.5239	265.57

#1	-.00263	.00067	-.00062	-.00099	-.01563	.00026	-.00026
#2	-.00195	.00111	-.00006	.00000	.00311	.00023	.00084
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.01034	.00013	.00307	-.00073	.05814	-.00164
SDev	.00105	.00102	.00009	.00066	.00062	.00383	.00308
%RSD	680.45	9.8394	70.903	21.663	85.589	6.5838	187.93
#1	-.00090	.01106	.00007	.00354	-.00117	.06085	-.00382
#2	.00059	.00962	.00020	.00260	-.00029	.05544	.00054
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	-.14613	.01866	.00007	.00295	-.00047	.00047
SDev	.00069	.09921	.00196	.00006	.00042	.00233	.00027
%RSD	1023.5	67.895	10.526	79.724	14.164	498.23	56.783
#1	-.00056	-.21628	.02005	.00003	.00325	-.00211	.00028
#2	.00042	-.07597	.01727	.00011	.00266	.00118	.00066
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00116	.00083	-.00050	.00069	-.00538	.00246	
SDev	.00067	.00016	.00267	.00017	.00460	.00073	
%RSD	57.901	19.181	534.40	25.490	85.581	29.583	
#1	.00069	.00072	-.00238	.00081	-.00863	.00297	
#2	.00164	.00094	.00139	.00056	-.00212	.00194	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41004	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0189691	--	--	--	--	--	--
#1	41010	--	--	--	--	--	--
#2	40999	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52117-b-1-c ms Operator: DCL
Run Time: 03/28/12 11:17:32
Comment: TRACE 61E

Analysis Report 03/28/12 11:21:20 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.352	1.0668	1.0621	1.0975	.51390	1.1910	.52886
SDev	.065	.0080	.0044	.0049	.00195	.0059	.00248
%RSD	.63161	.75309	.41211	.44999	.37925	.49554	.46986
#1	10.398	1.0725	1.0652	1.1010	.51527	1.1952	.53061
#2	10.306	1.0612	1.0590	1.0940	.51252	1.1868	.52710

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	38.578	1.0214	1.0335	1.0344	10.567	.52090	1.0334
SDev	.164	.0035	.0045	.0058	.044	.00261	.0032
%RSD	.42611	.34586	.43770	.56391	.41989	.50067	.31386
#1	38.694	1.0239	1.0367	1.0385	10.599	.52275	1.0357
#2	38.461	1.0189	1.0303	1.0302	10.536	.51906	1.0311

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	12.405	1.5477	1.0754	1.0526	11.960	1.6311
SDev	.0034	.054	.0066	.0015	.0074	.051	.0092
%RSD	.33198	.43723	.42488	.13496	.70176	.43003	.56480
#1	1.0295	12.444	1.5524	1.0764	1.0578	11.996	1.6376
#2	1.0343	12.367	1.5431	1.0743	1.0474	11.924	1.6246

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48300	79.577	69.343	.75136	1.0939	1.0431	1.0467
SDev	.00269	.463	.425	.00387	.0024	.0054	.0052
%RSD	.55795	.58170	.61340	.51547	.21885	.51679	.49779
#1	.48491	79.905	69.644	.75409	1.0922	1.0469	1.0504
#2	.48110	79.250	69.043	.74862	1.0956	1.0393	1.0431

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0389	1.1073	1.0049	1.0476	1.0089	1.0434
SDev	.0045	.0051	.0019	.0039	.0004	.0050
%RSD	.43380	.46451	.19007	.37324	.03533	.47539
#1	1.0421	1.1110	1.0062	1.0504	1.0086	1.0399
#2	1.0357	1.1037	1.0035	1.0448	1.0091	1.0469

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40605	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.0835885	--	--	--	--	--	--
#1	40629	--	--	--	--	--	--
#2	40581	--	--	--	--	--	--

Analysis Report 03/28/12 11:21:20 AM page 15

Method: 20076010 Sample Name: 600-52258-d-1-b Operator: DCL
Run Time: 03/28/12 11:21:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03961	-.00076	.00398	.17167	-.00029	.33061	-.00019
SDev	.00380	.00094	.00012	.00386	.00000	.00996	.00009
%RSD	9.6066	124.16	2.8822	2.2491	1.4116	3.0123	49.679
#1	.04230	-.00009	.00390	.17440	-.00029	.33765	-.00025
#2	.03692	-.00142	.00407	.16894	-.00029	.32357	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.188	.00235	.00125	.00146	.15212	.00423	.00067
SDev	.484	.00033	.00015	.00008	.01006	.00027	.00027
%RSD	2.3991	13.907	12.043	5.2112	6.6118	6.4444	39.505
#1	20.531	.00258	.00136	.00141	.15924	.00442	.00049
#2	19.846	.00212	.00114	.00152	.14501	.00404	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00299	7.0378	.20249	.00417	.00585	12.460	1.5209
SDev	.00364	.1912	.00494	.00167	.00009	.346	.0369
%RSD	122.06	2.7169	2.4409	40.117	1.4814	2.7740	2.4255
#1	.00556	7.1730	.20599	.00536	.00591	12.704	1.5469
#2	.00041	6.9026	.19900	.00299	.00579	12.215	1.4948

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	127.40	104.70	.16245	.00689	.00015	.00065
SDev	.00006	2.66	2.15	.00365	.00766	.00046	.00011
%RSD	20.267	2.0869	2.0526	2.2453	111.15	309.43	16.887
#1	-.00025	129.28	106.22	.16503	.01231	-.00018	.00073
#2	-.00033	125.52	103.18	.15987	.00148	.00047	.00057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.02320	.00012	.00095	-.00526	.00711
SDev	.00021	.00043	.00119	.00020	.00032	.00562
%RSD	23.363	1.8585	977.17	20.595	5.9937	79.120
#1	.00107	.02350	-.00072	.00109	-.00548	.01108
#2	.00077	.02290	.00096	.00081	-.00504	.00313

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40285	--	--	--	--	--	--

Analysis Report 03/28/12 11:25:11 AM page 16

SDev	765.0895	--	--	--	--	--	--
%RSD	1.899192	--	--	--	--	--	--
#1	39744	--	--	--	--	--	--
#2	40826	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52432-c-1-e Operator: DCL
Run Time: 03/28/12 11:25:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04053	-.00050	.00355	.01056	-.00034	.01105	-.00012
SDev	.00023	.00066	.00098	.00001	.00002	.00090	.00006
%RSD	.57869	131.10	27.542	.07053	4.4351	8.1729	49.282

#1	.04036	-.00097	.00424	.01056	-.00033	.01169	-.00016
#2	.04069	-.00004	.00286	.01055	-.00036	.01041	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53625	.00051	-.00038	-.00089	.00608	.00060	.00086
SDev	.00042	.00037	.00011	.00061	.00768	.00000	.00008
%RSD	.07832	71.830	28.433	68.434	126.47	.66898	8.9854

#1	.53595	.00078	-.00030	-.00046	.00064	.00061	.00081
#2	.53654	.00025	-.00046	-.00132	.01151	.00060	.00092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.15786	.00136	.00162	-.00052	.25231	.01802
SDev	.00118	.00334	.00004	.00085	.00031	.00903	.00337
%RSD	347.10	2.1163	2.8995	52.614	60.988	3.5790	18.687

#1	.00117	.16022	.00139	.00223	-.00074	.25870	.02040
#2	-.00049	.15550	.00133	.00102	-.00029	.24593	.01564

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	185.23	144.76	.00138	.00359	-.00061	.00023
SDev	.00012	.79	.40	.00001	.00139	.00032	.00005
%RSD	73.521	.42434	.27364	1.0505	38.855	53.114	20.055

#1	-.00025	185.78	145.04	.00139	.00260	-.00084	.00027
#2	-.00008	184.67	144.48	.00137	.00457	-.00038	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.01577	-.00064	.00161	-.00521	.00311
SDev	.00014	.00015	.00182	.00079	.00111	.00232
%RSD	58.837	.93946	286.23	49.298	21.232	74.646

#1	.00032	.01567	-.00192	.00217	-.00599	.00476
#2	.00013	.01588	.00065	.00105	-.00442	.00147

Analysis Report 03/28/12 11:29:02 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39944	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.0973647	--	--	--	--	--	--

#1	39916	--	--	--	--	--	--
#2	39971	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52432-c-1-f ms Operator: DCL
Run Time: 03/28/12 11:29:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.494	1.0848	1.0792	1.0820	.52056	1.0877	.54717
SDev	.042	.0013	.0041	.0034	.00127	.0021	.00054
%RSD	.39891	.11792	.37866	.31485	.24483	.19038	.09937
#1	10.523	1.0839	1.0821	1.0844	.52146	1.0892	.54756
#2	10.464	1.0857	1.0763	1.0796	.51966	1.0862	.54679

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.121	1.0400	1.0486	1.0383	10.725	.54381	1.0651
SDev	.029	.0025	.0032	.0037	.033	.00187	.0031
%RSD	.25726	.24049	.30299	.35912	.30333	.34420	.28912
#1	11.141	1.0417	1.0509	1.0410	10.748	.54514	1.0673
#2	11.101	1.0382	1.0464	1.0357	10.702	.54249	1.0630

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0711	10.604	1.0443	1.0992	1.0837	13.242	1.0127
SDev	.0036	.017	.0029	.0026	.0020	.050	.0033
%RSD	.33663	.15613	.27716	.24082	.18000	.37771	.32690
#1	1.0686	10.615	1.0463	1.0973	1.0851	13.278	1.0151
#2	1.0737	10.592	1.0422	1.1011	1.0823	13.207	1.0104

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53289	202.25	157.65	.54183	1.1298	1.0624	1.0630
SDev	.00209	1.07	.70	.00167	.0045	.0018	.0029
%RSD	.39258	.53090	.44254	.30838	.40062	.16571	.27477
#1	.53437	203.01	158.14	.54302	1.1266	1.0636	1.0651
#2	.53141	201.49	157.15	.54065	1.1330	1.0611	1.0609

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0521	1.1156	1.0346	1.0804	1.0443	1.0846
SDev	.0033	.0023	.0040	.0026	.0078	.0015
%RSD	.31510	.20813	.38506	.24319	.74775	.13870

Analysis Report 03/28/12 11:32:53 AM page 18

#1	1.0544	1.1173	1.0375	1.0822	1.0387	1.0835
#2	1.0497	1.1140	1.0318	1.0785	1.0498	1.0856

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39400	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.2530541	--	--	--	--	--	--
#1	39329	--	--	--	--	--	--
#2	39470	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52207-g-1-d Operator: DCL
Run Time: 03/28/12 11:32:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05721	.00241	.00285	.17066	-.00035	.01119	.00003
SDev	.00096	.00300	.00096	.00061	.00001	.00037	.00002
%RSD	1.6824	124.60	33.729	.35608	1.8169	3.2691	80.210
#1	.05789	.00029	.00352	.17109	-.00035	.01093	.00004
#2	.05653	.00454	.00217	.17023	-.00035	.01145	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.252	.00040	.00176	-.00069	.02591	.00128	.00096
SDev	.429	.00005	.00006	.00008	.00051	.00000	.00076
%RSD	.50379	12.121	3.1977	11.612	1.9557	.33218	79.806
#1	85.556	.00037	.00180	-.00075	.02555	.00127	.00150
#2	84.948	.00044	.00172	-.00064	.02627	.00128	.00042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	2.7724	.27746	.00671	.00058	.50277	.35675
SDev	.00158	.0173	.00115	.00196	.00043	.00354	.00144
%RSD	38.793	.62283	.41545	29.195	74.119	.70347	.40228
#1	.00520	2.7846	.27828	.00810	.00088	.50527	.35776
#2	.00296	2.7602	.27665	.00533	.00028	.50027	.35574

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	188.61	148.49	.13850	.00538	.00004	.00014
SDev	.00000	.81	.57	.00054	.00348	.00124	.00006
%RSD	.21481	.43193	.38091	.39161	64.619	3398.1	46.627
#1	-.00015	189.19	148.89	.13888	.00784	.00091	.00009
#2	-.00015	188.04	148.09	.13811	.00292	-.00084	.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/28/12 11:36:44 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.00688	.00034	.00126	.00002	.00612
SDev	.00015	.00006	.00005	.00112	.00363	.00056
%RSD	20.219	.91723	14.151	88.731	18021.	9.1707
#1	.00084	.00683	.00038	.00206	.00259	.00651
#2	.00063	.00692	.00031	.00047	-.00255	.00572

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39202	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0649351	--	--	--	--	--	--
#1	39184	--	--	--	--	--	--
#2	39220	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52208-g-1-d Operator: DCL
Run Time: 03/28/12 11:36:47
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04136	.00071	.00389	.05564	-.00039	.01995	-.00016
SDev	.00154	.00202	.00039	.00017	.00000	.00044	.00007
%RSD	3.7225	286.40	10.007	.30191	.67350	2.2101	41.623
#1	.04245	.00213	.00416	.05576	-.00038	.02026	-.00011
#2	.04028	-.00072	.00361	.05553	-.00039	.01963	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.446	.00096	-.00000	-.00037	.00653	.00160	.00153
SDev	.241	.00044	.00016	.00033	.00132	.00006	.00022
%RSD	.25539	46.306	5196.7	88.041	20.230	3.5959	14.199
#1	94.617	.00127	.00011	-.00014	.00746	.00165	.00138
#2	94.275	.00065	-.00012	-.00061	.00559	.00156	.00168

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	.85073	.08513	.00146	.00040	.69319	2.1068
SDev	.00087	.00414	.00027	.00031	.00018	.01990	.0034
%RSD	18.352	.48636	.32112	21.096	44.960	2.8707	.16292
#1	.00534	.85366	.08533	.00168	.00028	.70726	2.1092
#2	.00411	.84781	.08494	.00124	.00053	.67912	2.1043

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	189.70	149.69	.13930	.00110	.00048	-.00019
SDev	.00017	.10	.41	.00036	.00363	.00064	.00015
%RSD	34.669	.05147	.27077	.25694	330.99	131.39	78.216

#1	-.00036	189.77	149.98	.13956	-.00147	.00093	-.00009
#2	-.00060	189.63	149.41	.13905	.00366	.00003	-.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	.01100	-.00005	.00232	-.00095	.00756
SDev	.00046	.00012	.00130	.00098	.00241	.00251
%RSD	26.566	1.1149	2878.1	42.151	254.77	33.171
#1	.00206	.01091	.00087	.00163	-.00266	.00933
#2	.00141	.01109	-.00097	.00301	.00076	.00579

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39183	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.3897993	--	--	--	--	--	--
#1	39075	--	--	--	--	--	--
#2	39291	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52208-g-1-e ms Operator: DCL

Run Time: 03/28/12 11:40:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.513	1.0896	1.0868	1.1196	.51616	1.0996	.53576
SDev	.001	.0055	.0080	.0017	.00099	.0021	.00090
%RSD	.01411	.50908	.74013	.15206	.19095	.19485	.16812
#1	10.514	1.0857	1.0811	1.1183	.51546	1.0981	.53513
#2	10.511	1.0935	1.0925	1.1208	.51686	1.1011	.53640

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.80	1.0271	1.0295	1.0340	10.604	.55137	1.0519
SDev	.17	.0025	.0016	.0003	.009	.00017	.0050
%RSD	.16394	.24002	.15312	.03042	.08068	.03113	.47671
#1	104.68	1.0254	1.0284	1.0342	10.598	.55125	1.0483
#2	104.92	1.0289	1.0306	1.0338	10.610	.55149	1.0554

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0621	11.136	1.1181	1.1025	1.0698	13.949	3.2395
SDev	.0014	.016	.0019	.0069	.0006	.027	.0020
%RSD	.13161	.14590	.16588	.62135	.05179	.19349	.06324
#1	1.0611	11.124	1.1168	1.0976	1.0695	13.930	3.2380
#2	1.0631	11.147	1.1194	1.1073	1.0702	13.968	3.2409

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.53259	206.05	161.93	.67870	1.1241	1.0610	1.0597
SDev	.00004	.41	.15	.00126	.0069	.0034	.0016
%RSD	.00675	.20021	.08992	.18570	.61697	.31836	.15241
#1	.53256	206.34	162.04	.67781	1.1192	1.0587	1.0585
#2	.53261	205.76	161.83	.67959	1.1290	1.0634	1.0608

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0496	1.1068	1.0175	1.0691	1.0360	1.0752
SDev	.0021	.0020	.0027	.0062	.0012	.0027
%RSD	.19619	.18019	.26867	.57570	.11414	.25003
#1	1.0481	1.1054	1.0155	1.0647	1.0369	1.0733
#2	1.0510	1.1082	1.0194	1.0734	1.0352	1.0771

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38986	--	--	--	--	--	--
SDev	169.7056	--	--	--	--	--	--
%RSD	.4352989	--	--	--	--	--	--
#1	39106	--	--	--	--	--	--
#2	38866	--	--	--	--	--	--

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--------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52208-g-1-f msd    Operator: DCL
Run Time: 03/28/12 11:44:29
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    10.213    1.0647    1.0570    1.0943    .50383    1.0724    .52422
 SDev      .064     .0135     .0070     .0082    .00401     .0057    .00418
 %RSD    .62641    1.2696    .65804    .75032    .79673    .53374    .79736

 #1      10.258    1.0743    1.0620    1.1001    .50666    1.0764    .52718
 #2      10.168    1.0551    1.0521    1.0885    .50099    1.0683    .52127

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    102.00    1.0008    1.0045    1.0061    10.363    .53680    1.0251
 SDev       .80     .0073     .0081     .0065      .105    .00361     .0072
 %RSD    .78611    .72874    .80938    .64491    1.0167    .67211    .69762

 #1      102.56    1.0059    1.0103    1.0107    10.438    .53935    1.0302
 #2      101.43    .99563    .99878    1.0015    10.289    .53425    1.0200

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0421    10.853    1.0896    1.0742    1.0412    13.521    3.1513
 SDev     .0072      .081     .0084     .0074     .0088      .111     .0222
 %RSD    .69023    .74236    .77523    .68609    .84489    .82190    .70467

 #1      1.0472    10.910    1.0956    1.0794    1.0474    13.600    3.1670

Analysis Report                          03/28/12 11:48:17 AM        page 22


 #2      1.0370    10.796    1.0836    1.0690    1.0349    13.443    3.1356

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .51982    199.94    157.39    .66148    1.1041    1.0316    1.0304
 SDev    .00411       .93       .93    .00474     .0013     .0123     .0082
 %RSD    .79115    .46556    .59035    .71592    .11943    1.1888    .79724

 #1      .52273    200.59    158.04    .66483    1.1032    1.0402    1.0362
 #2      .51691    199.28    156.73    .65813    1.1051    1.0229    1.0246

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0231    1.0820    .99105    1.0421    1.0128    1.0568
 SDev     .0079     .0069    .00447     .0085     .0133     .0041
 %RSD    .77065    .63491    .45119    .81480    1.3179    .38944

 #1      1.0287    1.0868    .99421    1.0481    1.0223    1.0597
 #2      1.0175    1.0771    .98789    1.0361    1.0034    1.0539

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39774     --        --        --        --        --        --
 SDev    174.6554  --        --        --        --        --        --
 %RSD    .4391250  --        --        --        --        --        --
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#1	39650	--	--	--	--	--	--
#2	39897	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52209-g-1-d Operator: DCL
Run Time: 03/28/12 11:48:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05654	-.00025	.00553	.12631	-.00039	.01423	.00002
SDev	.00213	.00176	.00045	.00021	.00001	.00067	.00006
%RSD	3.7699	696.95	8.0850	.16817	3.5808	4.6842	266.65
#1	.05804	-.00149	.00584	.12646	-.00038	.01470	-.00002
#2	.05503	.00099	.00521	.12616	-.00040	.01376	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.693	.00046	.00015	.00017	.01378	.00126	.00139
SDev	.142	.00013	.00022	.00024	.01078	.00001	.00020
%RSD	.16737	28.508	146.16	140.67	78.266	.42939	14.645
#1	84.793	.00037	-.00001	.00034	.00615	.00125	.00154
#2	84.593	.00056	.00031	.00000	.02140	.00126	.00125

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	2.5381	.03570	.00540	.00010	.49246	.23886

SDev	.00178	.0024	.00011	.00211	.00038	.01091	.00161
%RSD	56.477	.09613	.29520	39.085	377.79	2.2150	.67280
#1	.00442	2.5398	.03578	.00689	-.00017	.48475	.24000
#2	.00190	2.5364	.03563	.00391	.00037	.50017	.23772

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	190.52	150.02	.13521	.00487	.00045	.00011
SDev	.00034	.07	.03	.00013	.00636	.00145	.00007
%RSD	636.27	.03860	.02174	.09810	130.59	322.70	64.873
#1	-.00029	190.57	150.05	.13530	.00936	.00148	.00015
#2	.00019	190.47	150.00	.13512	.00037	-.00058	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.01683	.00087	.00166	-.00028	.00487
SDev	.00021	.00012	.00249	.00155	.00055	.00240
%RSD	24.894	.73645	287.06	93.591	200.46	49.179
#1	.00101	.01692	-.00089	.00275	.00012	.00657
#2	.00071	.01674	.00262	.00056	-.00067	.00318

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38982	--	--	--	--	--	--

SDev	77.07464	--	--	--	--	--	--
%RSD	.1977160	--	--	--	--	--	--
#1	39037	--	--	--	--	--	--
#2	38928	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52210-g-1-d Operator: DCL
Run Time: 03/28/12 11:52:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04492	.00342	.00241	.05243	-.00041	.00760	-.00008
SDev	.00008	.00144	.00010	.00020	.00000	.00024	.00002
%RSD	.18171	42.076	4.1325	.38209	.54504	3.1285	22.567
#1	.04498	.00444	.00233	.05257	-.00041	.00777	-.00010
#2	.04486	.00240	.00248	.05229	-.00041	.00743	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.747	.00025	-.00032	-.00136	.00462	.00098	.00090
SDev	.549	.00003	.00039	.00016	.00628	.00009	.00007
%RSD	.59810	12.987	121.14	11.441	136.12	8.7408	7.4687
#1	92.135	.00028	-.00005	-.00147	.00906	.00104	.00095

#2	91.359	.00023	-.00060	-.00125	.00017	.00092	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.89189	.07067	.00205	.00017	.34517	.06163
SDev	.00098	.00849	.00041	.00040	.00052	.03115	.00162
%RSD	43.293	.95217	.57631	19.382	316.03	9.0253	2.6364
#1	.00157	.89790	.07096	.00233	.00054	.36720	.06278
#2	.00295	.88589	.07038	.00177	-.00020	.32314	.06048

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	188.84	149.25	.04332	.00037	-.00015	-.00029
SDev	.00019	.68	.45	.00012	.00238	.00090	.00003
%RSD	65.567	.36073	.30136	.28168	635.41	617.48	9.1517
#1	-.00016	189.32	149.57	.04341	.00206	.00049	-.00027
#2	-.00043	188.36	148.94	.04324	-.00131	-.00078	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.17955	-.00145	.00208	-.00127	.00403
SDev	.00026	.00117	.00073	.00047	.00018	.00138
%RSD	52.088	.64929	50.023	22.333	13.924	34.269
#1	.00069	.18037	-.00197	.00241	-.00140	.00305
#2	.00032	.17872	-.00094	.00175	-.00115	.00500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38991	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.2720269	--	--	--	--	--	--
#1	38916	--	--	--	--	--	--
#2	39066	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 11:56:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3912	.50202	.49838	.49822	.47788	.49063	.51152
SDev	.0024	.00007	.00217	.00142	.00245	.00053	.00272
%RSD	.09839	.01385	.43551	.28563	.51216	.10879	.53248
#1	2.3929	.50198	.49991	.49923	.47961	.49025	.51345
#2	2.3895	.50207	.49684	.49721	.47615	.49101	.50960

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.280	.47913	.47975	.47343	2.5319	.45785	.49388
SDev	.062	.00244	.00242	.00113	.0063	.00158	.00346
%RSD	.50603	.50914	.50505	.23828	.24954	.34607	.70051
#1	12.324	.48086	.48146	.47422	2.5363	.45897	.49633
#2	12.236	.47741	.47804	.47263	2.5274	.45673	.49143

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49378	4.8265	.47895	.49801	.50016	12.154	.90962
SDev	.00114	.0345	.00222	.00007	.00296	.122	.00262
%RSD	.23058	.71440	.46267	.01407	.59226	1.0037	.28791
#1	.49297	4.8509	.48052	.49796	.50226	12.240	.91147
#2	.49458	4.8022	.47739	.49806	.49807	12.067	.90777

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24144	12.389	11.771	.25137	.52001	.49224	.49491
SDev	.00110	.108	.020	.00083	.00575	.00028	.00188
%RSD	.45353	.86938	.17351	.33126	1.1055	.05587	.38093
#1	.24221	12.313	11.785	.25196	.51595	.49205	.49625
#2	.24066	12.465	11.756	.25078	.52408	.49243	.49358

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48568	.51083	.47561	.50301	.47440	.50352
SDev	.00187	.00276	.00218	.00410	.00101	.00120
%RSD	.38413	.54026	.45932	.81453	.21345	.23858
#1	.48700	.51279	.47715	.50591	.47369	.50267
#2	.48436	.50888	.47406	.50012	.47512	.50437

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40816	--	--	--	--	--	--
SDev	542.3509	--	--	--	--	--	--
%RSD	1.328787	--	--	--	--	--	--
#1	40432	--	--	--	--	--	--
#2	41199	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 11:59:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04801	.00171	.00429	.00020	-.00042	-.00124	-.00011
SDev	.00338	.00320	.00041	.00015	.00002	.00174	.00012
%RSD	7.0425	187.14	9.5760	76.812	4.3432	140.15	105.69

#1	.05040	.00397	.00458	.00030	-.00041	-.00001	-.00019
#2	.04562	-.00055	.00400	.00009	-.00043	-.00248	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00522	.00081	-.00010	-.00067	.00390	.00024	.00086
SDev	.00139	.00079	.00043	.00091	.03235	.00008	.00089
%RSD	26.648	97.368	424.94	137.26	829.33	31.654	103.19
#1	-.00620	.00137	-.00041	-.00002	-.01897	.00030	.00023
#2	-.00423	.00025	.00020	-.00131	.02677	.00019	.00149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.00591	.00020	.00205	-.00035	.02342	-.00368
SDev	.00171	.00139	.00015	.00114	.00023	.02046	.00191
%RSD	74.361	23.466	75.862	55.413	64.804	87.381	51.971
#1	.00109	.00689	.00031	.00285	-.00052	.03789	-.00233
#2	.00351	.00493	.00009	.00125	-.00019	.00895	-.00503

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.03123	.02606	.00008	.00476	-.00075	.00051
SDev	.00063	.25095	.00442	.00005	.00112	.00213	.00030
%RSD	2805.0	803.52	16.973	66.341	23.588	283.93	58.678
#1	-.00047	-.14621	.02919	.00011	.00556	-.00225	.00073
#2	.00042	.20868	.02294	.00004	.00397	.00075	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00780	-.00139	.00199	-.00305	.00498
SDev	.00057	.00015	.00566	.00150	.00900	.00193
%RSD	53.576	1.8612	408.36	75.260	294.57	38.871

#1	.00147	.00790	-.00539	.00305	-.00942	.00634
#2	.00066	.00770	.00262	.00093	.00331	.00361

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40760	--	--	--	--	--	--
SDev	211.4249	--	--	--	--	--	--
%RSD	.5187132	--	--	--	--	--	--
#1	40610	--	--	--	--	--	--
#2	40909	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52210-g-1-e ms Operator: DCL
Run Time: 03/28/12 12:03:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.274	1.0596	1.0462	1.0881	.49673	1.0579	.52188
SDev	.078	.0042	.0023	.0068	.00235	.0078	.00302
%RSD	.76263	.39195	.21845	.62793	.47339	.74104	.57787
#1	10.329	1.0625	1.0478	1.0930	.49839	1.0634	.52401
#2	10.219	1.0567	1.0445	1.0833	.49506	1.0523	.51975

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.463	.99087	.99525	1.0059	10.290	.54013	1.0212
SDev	.505	.00411	.00494	.0056	.065	.00387	.0025
%RSD	.51335	.41447	.49666	.55303	.63229	.71608	.24251
#1	98.820	.99378	.99874	1.0098	10.336	.54286	1.0229
#2	98.105	.98797	.99175	1.0020	10.244	.53739	1.0194

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0338	10.775	1.0675	1.0652	1.0310	12.998	1.0379
SDev	.0018	.045	.0059	.0030	.0081	.057	.0065
%RSD	.17843	.41662	.54867	.28537	.79031	.44179	.62573
#1	1.0325	10.807	1.0716	1.0674	1.0368	13.039	1.0425
#2	1.0351	10.744	1.0634	1.0631	1.0252	12.958	1.0333

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51912	201.79	157.22	.56459	1.0959	1.0166	1.0242
SDev	.00278	1.69	.98	.00326	.0006	.0054	.0051
%RSD	.53604	.83821	.62132	.57795	.05377	.52664	.50004
#1	.52108	202.99	157.91	.56689	1.0963	1.0204	1.0279
#2	.51715	200.60	156.53	.56228	1.0955	1.0128	1.0206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0130	1.2378	.97932	1.0421	1.0019	1.0498

SDev	.0052	.0065	.00010	.0038	.0047	.0004
%RSD	.50975	.52273	.01001	.36116	.46815	.04017
#1	1.0167	1.2424	.97925	1.0447	.99854	1.0495
#2	1.0094	1.2332	.97938	1.0394	1.0052	1.0501

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40644	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.1948528	--	--	--	--	--	--
#1	40700	--	--	--	--	--	--
#2	40588	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52210-g-1-f msd Operator: DCL
Run Time: 03/28/12 12:07:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.479	1.0808	1.0649	1.1112	.50621	1.0802	.53048
SDev	.019	.0008	.0014	.0005	.00036	.0000	.00036
%RSD	.18167	.07425	.13392	.04909	.07092	.00378	.06757
#1	10.492	1.0814	1.0638	1.1116	.50647	1.0802	.53073
#2	10.465	1.0803	1.0659	1.1108	.50596	1.0802	.53022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.44	1.0098	1.0120	1.0257	10.457	.55132	1.0374
SDev	.07	.0009	.0001	.0011	.001	.00084	.0022
%RSD	.07026	.08478	.01264	.10863	.00847	.15248	.21149
#1	100.48	1.0104	1.0121	1.0265	10.458	.55191	1.0358
#2	100.39	1.0092	1.0119	1.0249	10.457	.55072	1.0389

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0498	10.981	1.0873	1.0890	1.0502	13.394	1.0588
SDev	.0058	.010	.0004	.0003	.0002	.011	.0007
%RSD	.55657	.09342	.03783	.02440	.02140	.07870	.06496
#1	1.0457	10.988	1.0876	1.0888	1.0500	13.401	1.0593
#2	1.0540	10.973	1.0870	1.0891	1.0503	13.386	1.0583

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52818	205.61	161.00	.57562	1.1227	1.0375	1.0466
SDev	.00080	.68	.49	.00014	.0092	.0012	.0002
%RSD	.15127	.33120	.30447	.02372	.81943	.11182	.01813
#1	.52874	206.09	161.34	.57572	1.1162	1.0383	1.0468
#2	.52761	205.13	160.65	.57553	1.1292	1.0367	1.0465

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0330	1.2614	.99643	1.0579	1.0129	1.0683
SDev	.0006	.0010	.00251	.0020	.0057	.0059
%RSD	.05656	.08067	.25203	.19240	.56502	.55255
#1	1.0334	1.2621	.99466	1.0564	1.0089	1.0641
#2	1.0325	1.2607	.99821	1.0593	1.0170	1.0725

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39250	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.1819584	--	--	--	--	--	--

#1	39300	--	--	--	--	--
#2	39199	--	--	--	--	--

Method: 20076010 Sample Name: 600-52212-g-1-d Operator: DCL
Run Time: 03/28/12 12:11:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06356	.00174	.00415	.14636	-.00050	.00936	-.00003
SDev	.00100	.00209	.00000	.00048	.00001	.00098	.00007
%RSD	1.5656	119.92	.05767	.32717	2.1349	10.463	271.31
#1	.06427	.00027	.00415	.14670	-.00051	.01005	.00002
#2	.06286	.00322	.00415	.14602	-.00049	.00867	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.513	.00026	.00002	-.00130	.02292	.00093	.00067
SDev	.365	.00005	.00003	.00057	.00116	.00000	.00028
%RSD	.41730	18.412	134.22	43.598	5.0492	.06068	41.329
#1	87.771	.00030	.00004	-.00090	.02210	.00093	.00048
#2	87.255	.00023	.00000	-.00171	.02373	.00093	.00087

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	1.2065	.18798	.00476	.00037	.46524	.67861
SDev	.00358	.0093	.00090	.00098	.00028	.01269	.00653
%RSD	173.24	.76688	.48134	20.629	74.673	2.7271	.96244
#1	.00460	1.2130	.18862	.00545	.00018	.47421	.68323
#2	-.00047	1.1999	.18734	.00407	.00057	.45627	.67399

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	194.22	151.97	.14351	.00471	.00065	-.00010
SDev	.00012	.88	.69	.00046	.00300	.00111	.00005
%RSD	35.042	.45244	.45123	.32208	63.767	170.87	46.293
#1	-.00025	194.84	152.45	.14384	.00684	-.00013	-.00007

#2	-.00042	193.60	151.48	.14319	.00259	.00143	-.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00374	.00219	-.00009	-.00218	.00419
SDev	.00007	.00012	.00148	.00033	.00305	.00385
%RSD	7.3345	3.3130	67.835	380.28	139.76	91.786
#1	.00108	.00383	.00114	.00014	-.00003	.00691
#2	.00097	.00365	.00324	-.00032	-.00434	.00147

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39515	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2863143	--	--	--	--	--	--
#1	39435	--	--	--	--	--	--
#2	39595	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52215-g-1-e Operator: DCL
Run Time: 03/28/12 12:15:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05581	.00389	.00517	.12011	-.00055	.00965	.00002
SDev	.00108	.00171	.00028	.00035	.00001	.00038	.00000
%RSD	1.9422	43.880	5.5135	.29202	1.5465	3.9748	19.905
#1	.05658	.00269	.00537	.11986	-.00054	.00992	.00002
#2	.05505	.00510	.00497	.12036	-.00055	.00938	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.048	.00050	.00043	-.00106	.00598	.00095	.00103
SDev	.079	.00011	.00022	.00002	.01197	.00001	.00082
%RSD	.08864	23.077	51.673	2.1733	200.16	1.3886	79.241
#1	88.992	.00041	.00027	-.00105	-.00249	.00094	.00161
#2	89.104	.00058	.00059	-.00108	.01445	.00096	.00045

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	1.6960	.13511	.00263	.00039	.37183	.27862
SDev	.00017	.0010	.00019	.00037	.00033	.00192	.00013
%RSD	27.978	.06180	.14201	13.922	84.726	.51745	.04732
#1	-.00050	1.6953	.13498	.00289	.00016	.37047	.27853
#2	-.00075	1.6967	.13525	.00238	.00063	.37319	.27872

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	190.06	149.74	.15415	.00279	.00138	-.00024
SDev	.00017	.81	.11	.00030	.00229	.00006	.00017

%RSD	165.54	.42809	.07538	.19288	81.931	4.6293	69.426
#1	-.00022	189.49	149.66	.15394	.00440	.00142	-.00012
#2	.00002	190.64	149.82	.15436	.00117	.00133	-.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.17676	.00142	.00084	-.00234	.00023
SDev	.00020	.00001	.00011	.00118	.00009	.00031
%RSD	14.235	.00810	7.6030	139.89	3.8265	132.91
#1	.00151	.17675	.00150	.00167	-.00240	.00045

#2	.00124	.17677	.00135	.00001	-.00227	.00001	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39306	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.0845531	--	--	--	--	--	--
#1	39329	--	--	--	--	--	--
#2	39282	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52350-a-1-c Operator: DCL
Run Time: 03/28/12 12:19:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11777	.00220	.00337	.03936	-.00051	.11510	.00606
SDev	.00062	.00130	.00029	.00010	.00001	.00039	.00001
%RSD	.52754	59.031	8.4762	.25253	1.1580	.33773	.18150
#1	.11821	.00128	.00317	.03943	-.00051	.11538	.00606
#2	.11733	.00311	.00357	.03929	-.00050	.11483	.00607

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.303	.03055	.01387	.00345	2.3997	.01676	.00181
SDev	.034	.00006	.00018	.00012	.0062	.00004	.00114
%RSD	.27311	.18610	1.2698	3.4219	.25842	.24943	62.978
#1	12.327	.03051	.01374	.00337	2.4040	.01678	.00100
#2	12.279	.03059	.01399	.00354	2.3953	.01673	.00261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	1.2793	.22688	.00194	.09348	1.6492	.18821
SDev	.00245	.0003	.00072	.00000	.00044	.0066	.00063
%RSD	99.475	.02595	.31939	.05321	.47299	.39734	.33653
#1	.00073	1.2791	.22739	.00194	.09380	1.6445	.18866
#2	.00419	1.2795	.22636	.00194	.09317	1.6538	.18776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00008	198.98	154.33	.24006	-.00113	-.00016	.00024
SDev	.00057	.19	.28	.00080	.00226	.00051	.00014
%RSD	699.11	.09508	.18096	.33109	200.39	312.03	57.197
#1	-.00049	199.11	154.53	.24063	-.00272	-.00052	.00034
#2	.00032	198.84	154.14	.23950	.00047	.00020	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	4.1940	.00043	.00249	-.00352	.00545

SDev	.00038	.0114	.00038	.00152	.00477	.00128
%RSD	93.198	.27244	87.077	60.899	135.56	23.520
#1	.00014	4.2020	.00017	.00142	-.00689	.00454
#2	.00068	4.1859	.00070	.00357	-.00015	.00635

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39510	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0805351	--	--	--	--	--	--
#1	39533	--	--	--	--	--	--
#2	39488	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52350-a-1-d ms Operator: DCL
Run Time: 03/28/12 12:23:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.500	1.0784	1.0672	1.1086	.50558	1.1902	.54622
SDev	.022	.0029	.0039	.0006	.00045	.0001	.00059
%RSD	.21192	.26607	.36706	.05074	.08828	.00472	.10756
#1	10.516	1.0805	1.0699	1.1090	.50589	1.1902	.54663
#2	10.484	1.0764	1.0644	1.1082	.50526	1.1901	.54580

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.291	1.0462	1.0338	1.0301	12.897	.56760	1.0466
SDev	.031	.0013	.0006	.0016	.029	.00090	.0026
%RSD	.14056	.12294	.05444	.15657	.22106	.15810	.24413
#1	22.313	1.0471	1.0342	1.0312	12.917	.56823	1.0484
#2	22.269	1.0453	1.0334	1.0289	12.877	.56696	1.0448

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0469	11.413	1.2414	1.0881	1.1530	14.602	1.1708
SDev	.0010	.021	.0015	.0079	.0019	.034	.0010
%RSD	.09963	.18265	.12438	.72887	.16574	.23234	.08655
#1	1.0476	11.428	1.2424	1.0825	1.1543	14.626	1.1715
#2	1.0461	11.398	1.2403	1.0937	1.1516	14.578	1.1701

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52884	209.47	162.74	.78032	1.1305	1.0412	1.0503
SDev	.00064	.78	.45	.00061	.0057	.0025	.0012
%RSD	.12098	.37372	.27840	.07771	.50266	.24414	.11278
#1	.52929	210.02	163.06	.78074	1.1265	1.0430	1.0511
#2	.52839	208.91	162.42	.77989	1.1345	1.0394	1.0495

Analysis Report 03/28/12 12:26:49 PM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0323	5.0674	1.0023	1.0688	1.0139	1.0634
SDev	.0019	.0071	.0017	.0030	.0024	.0004
%RSD	.18821	.14066	.17399	.27701	.23737	.03395
#1	1.0337	5.0724	1.0035	1.0708	1.0156	1.0636
#2	1.0310	5.0623	1.0011	1.0667	1.0122	1.0631

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39534	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.1663423	--	--	--	--	--	--
#1	39487	--	--	--	--	--	--
#2	39580	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-75712/1-b Operator: DCL
Run Time: 03/28/12 12:26:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05424	-.00048	.00275	.00824	-.00050	.00677	-.00016
SDev	.00039	.00063	.00059	.00009	.00001	.00112	.00001
%RSD	.72260	132.37	21.535	1.0280	1.1533	16.615	7.3735
#1	.05452	-.00003	.00317	.00830	-.00049	.00757	-.00017
#2	.05397	-.00092	.00233	.00818	-.00050	.00598	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08936	.00076	-.00029	-.00124	.04195	.00047	.00084
SDev	.00021	.00001	.00074	.00029	.00953	.00003	.00104
%RSD	.23231	1.8119	258.83	23.636	22.719	7.5424	123.96
#1	.08922	.00075	-.00081	-.00103	.03521	.00049	.00158
#2	.08951	.00077	.00024	-.00145	.04868	.00044	.00010

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00377	.03368	.00048	.00367	-.00045	.16260	.01153
SDev	.00187	.00287	.00002	.00155	.00060	.02511	.00146
%RSD	49.450	8.5266	4.3288	42.094	132.09	15.445	12.645
#1	.00245	.03572	.00050	.00477	-.00087	.18036	.01256

#2	.00509	.03165	.00047	.00258	-.00003	.14484	.01050

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.67896	.71309	.00031	.00541	.00008	.00049
SDev	.00038	.18498	.00597	.00003	.00435	.00039	.00002

Analysis Report 03/28/12 12:30:40 PM page 34

%RSD	92.403	27.245	.83684	8.2121	80.413	504.29	3.3219
#1	-.00068	.54816	.71731	.00029	.00849	.00035	.00047
#2	-.00014	.80976	.70887	.00032	.00234	-.00020	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00456	-.00030	.00141	-.00144	.00638
SDev	.00008	.00004	.00088	.00112	.01159	.00300
%RSD	12.187	.94359	298.10	79.636	806.81	47.015
#1	.00071	.00453	.00033	.00220	-.00964	.00850
#2	.00059	.00459	-.00092	.00062	.00676	.00426

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39983	--	--	--	--	--	--
SDev	165.4630	--	--	--	--	--	--
%RSD	.4138333	--	--	--	--	--	--
#1	39866	--	--	--	--	--	--
#2	40100	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52214-g-1-d Operator: DCL
Run Time: 03/28/12 12:30:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15246	.00033	.00528	.13924	-.00044	.00864	.00027
SDev	.00030	.00003	.00184	.00055	.00001	.00011	.00013
%RSD	.19439	9.4270	34.940	.39429	3.1777	1.2622	49.221
#1	.15225	.00031	.00397	.13963	-.00044	.00871	.00018
#2	.15267	.00036	.00658	.13885	-.00043	.00856	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	172.48	.00030	.00285	.00018	.25990	.00097	.05599
SDev	.56	.00000	.00006	.00001	.00049	.00001	.00014
%RSD	.32646	.04218	2.0934	6.3638	.18764	1.0499	.25026
#1	172.88	.00030	.00289	.00018	.25955	.00096	.05609
#2	172.08	.00030	.00281	.00017	.26024	.00098	.05589

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	2.2464	.47757	.00173	.00317	1.0863	.92404
SDev	.00120	.0067	.00190	.00047	.00044	.0022	.00345
%RSD	511.00	.29656	.39776	27.420	13.726	.20105	.37313

#1	-.00061	2.2511	.47892	.00139	.00286	1.0878	.92648
#2	.00108	2.2417	.47623	.00206	.00348	1.0847	.92160

Analysis Report 03/28/12 12:34:31 PM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	5.9265	5.7082	.28329	.00108	-.00041	-.00087
SDev	.00000	.2026	.0382	.00124	.00204	.00021	.00000
%RSD	.89297	3.4187	.66955	.43835	188.65	50.669	.30941
#1	-.00008	6.0697	5.7352	.28417	.00252	-.00056	-.00087
#2	-.00008	5.7832	5.6812	.28241	-.00036	-.00026	-.00087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.40670	.05442	.05678	-.00052	.00061
SDev	.00000	.00164	.00162	.00060	.00166	.00096
%RSD	.56804	.40273	2.9764	1.0561	320.80	158.12
#1	.00068	.40786	.05556	.05636	-.00169	-.00007
#2	.00068	.40554	.05327	.05720	.00066	.00129

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39413	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.1829977	--	--	--	--	--	--
#1	39362	--	--	--	--	--	--
#2	39464	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52208-g-1-d Operator: DCL
Run Time: 03/28/12 12:34:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.067	1.0206	1.0474	1.0923	.48425	1.0614	.52441
SDev	.011	.0088	.0048	.0012	.00059	.0020	.00093
%RSD	.11056	.86001	.45558	.10549	.12220	.18774	.17794
#1	10.074	1.0144	1.0508	1.0931	.48467	1.0628	.52507
#2	10.059	1.0268	1.0440	1.0915	.48383	1.0600	.52375

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.23	.98510	.97723	.98425	10.195	1.0907	1.0199
SDev	.12	.00154	.00097	.00145	.020	.0015	.0031
%RSD	.11739	.15629	.09965	.14782	.20064	.14176	.29972
#1	102.31	.98619	.97792	.98528	10.209	1.0918	1.0221
#2	102.14	.98401	.97654	.98322	10.180	1.0896	1.0178

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0208	10.615	1.0782	1.0316	1.0266	13.485	3.1531

SDev	.0005	.015	.0016	.0002	.0022	.026	.0039
%RSD	.04923	.14554	.15044	.01554	.21715	.19639	.12348

Analysis Report 03/28/12 12:38:22 PM page 36

#1	1.0204	10.626	1.0794	1.0315	1.0282	13.504	3.1558
#2	1.0212	10.604	1.0771	1.0317	1.0250	13.467	3.1503

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50833	202.20	160.07	.65876	1.1000	1.0104	1.0126
SDev	.00033	.07	.23	.00060	.0036	.0024	.0008
%RSD	.06579	.03404	.14415	.09043	.32686	.24185	.08273
#1	.50809	202.15	160.23	.65918	1.0975	1.0121	1.0132
#2	.50857	202.25	159.91	.65834	1.1026	1.0086	1.0121

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99540	1.0756	.97485	1.0425	.98226	1.0401
SDev	.00132	.0015	.00453	.0023	.00633	.0039
%RSD	.13295	.13812	.46480	.22253	.64480	.37696
#1	.99634	1.0766	.97806	1.0441	.98674	1.0373
#2	.99447	1.0745	.97165	1.0408	.97778	1.0428

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39024	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1087188	--	--	--	--	--	--
#1	39054	--	--	--	--	--	--
#2	38994	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52208-g-1-d@5 Operator: DCL
Run Time: 03/28/12 12:38:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05395	.00895	.00366	.01114	-.00047	.00291	-.00021
SDev	.00276	.00546	.00038	.00003	.00001	.00133	.00007
%RSD	5.1212	60.995	10.318	.23174	2.2135	45.855	36.124
#1	.05590	.01281	.00393	.01116	-.00046	.00385	-.00015
#2	.05199	.00509	.00340	.01112	-.00048	.00196	-.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.392	.00077	-.00093	-.00108	-.02134	.00067	.00072
SDev	.082	.00042	.00015	.00029	.01005	.00020	.00042
%RSD	.44783	54.235	16.035	27.415	47.119	30.783	58.854
#1	18.451	.00107	-.00103	-.00087	-.01423	.00081	.00102
#2	18.334	.00048	-.00082	-.00128	-.02845	.00052	.00042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 12:42:12 PM page 37

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	.17567	.01643	.00391	-.00061	.18991	.39279
SDev	.00436	.01607	.00005	.00212	.00034	.09313	.00201
%RSD	128.99	9.1455	.31648	54.326	55.309	49.038	.51249
#1	.00647	.18703	.01646	.00541	-.00085	.25576	.39421
#2	.00030	.16431	.01639	.00241	-.00037	.12406	.39137

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	32.284	29.251	.02752	-.00076	-.00046	.00037
SDev	.00015	.023	.088	.00000	.00096	.00061	.00018
%RSD	20.354	.07210	.30253	.01148	125.32	133.55	48.443
#1	-.00064	32.301	29.188	.02752	-.00144	-.00089	.00050
#2	-.00086	32.268	29.313	.02752	-.00009	-.00003	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00562	-.00368	.00291	-.00350	.00683
SDev	.00004	.00011	.00327	.00100	.00831	.00239
%RSD	5.1828	1.9831	88.899	34.351	237.23	35.010
#1	.00071	.00555	-.00137	.00221	.00237	.00852
#2	.00077	.00570	-.00599	.00362	-.00938	.00514

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40346	--	--	--	--	--	--
SDev	407.2935	--	--	--	--	--	--
%RSD	1.009502	--	--	--	--	--	--
#1	40058	--	--	--	--	--	--
#2	40634	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 12:42:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4654	.51393	.50931	.51505	.48184	.50500	.52734
SDev	.0037	.00227	.00108	.00143	.00220	.00135	.00229
%RSD	.15083	.44115	.21237	.27839	.45752	.26713	.43486
#1	2.4680	.51554	.51008	.51606	.48340	.50596	.52896
#2	2.4628	.51233	.50855	.51403	.48028	.50405	.52572

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.507	.48667	.48725	.48148	2.5876	.47460	.50350
SDev	.059	.00216	.00243	.00094	.0121	.00153	.00426
%RSD	.47397	.44302	.49884	.19513	.46867	.32352	.84704

Analysis Report 03/28/12 12:46:03 PM page 38

#1	12.549	.48819	.48897	.48214	2.5962	.47568	.50651
#2	12.465	.48514	.48553	.48081	2.5791	.47351	.50048

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49967	4.9053	.48856	.50841	.51324	12.536	.93148
SDev	.00052	.0202	.00177	.00114	.00358	.061	.00194
%RSD	.10392	.41150	.36118	.22364	.69761	.48265	.20838
#1	.49931	4.9195	.48981	.50922	.51577	12.579	.93285
#2	.50004	4.8910	.48731	.50761	.51071	12.494	.93011

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24740	12.732	12.256	.25962	.53953	.49935	.50646
SDev	.00027	.072	.025	.00082	.00595	.00197	.00213
%RSD	.10835	.56910	.20424	.31702	1.1029	.39457	.42131
#1	.24759	12.681	12.273	.26020	.53533	.50075	.50796
#2	.24721	12.783	12.238	.25904	.54374	.49796	.50495

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49422	.52330	.47817	.51616	.47940	.50987
SDev	.00198	.00227	.00538	.00370	.00447	.00301
%RSD	.39991	.43318	1.1260	.71784	.93181	.59079
#1	.49561	.52490	.48197	.51878	.48256	.50774
#2	.49282	.52170	.47436	.51354	.47624	.51200

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40195	--	--	--	--	--	--
SDev	120.2082	--	--	--	--	--	--
%RSD	.2990625	--	--	--	--	--	--
#1	40110	--	--	--	--	--	--
#2	40280	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 12:46:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05600	.00199	.00281	.00011	-.00054	-.00297	-.00002
SDev	.00372	.00364	.00059	.00016	.00001	.00145	.00010
%RSD	6.6417	182.79	21.088	146.85	2.4205	48.746	502.80
#1	.05862	.00457	.00322	.00023	-.00053	-.00195	.00005
#2	.05337	-.00058	.00239	-.00000	-.00055	-.00399	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	.00045	-.00016	-.00209	-.00683	.00023	.00075
SDev	.00003	.00051	.00019	.00080	.01853	.00005	.00032
%RSD	2.6810	111.46	116.59	38.069	271.41	19.344	43.510
#1	-.00111	.00081	-.00003	-.00153	.00628	.00026	.00097
#2	-.00107	.00010	-.00029	-.00265	-.01993	.00020	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00690	.00015	.00258	-.00028	.03487	-.00610
SDev	.00194	.00464	.00008	.00162	.00021	.01946	.00378
%RSD	204.98	67.257	51.701	62.998	77.157	55.815	61.998
#1	.00232	.01018	.00020	.00373	-.00013	.04863	-.00342
#2	-.00043	.00362	.00009	.00143	-.00043	.02111	-.00877

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	-.06636	.02057	.00005	.00384	.00133	.00032
SDev	.00049	.07062	.00322	.00007	.00325	.00007	.00036
%RSD	317.03	106.42	15.666	127.49	84.574	5.3781	112.13
#1	.00019	-.11629	.02285	.00010	.00613	.00128	.00057
#2	-.00050	-.01642	.01829	.00001	.00154	.00138	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00135	-.00185	.00204	-.00928	.00606
SDev	.00089	.00013	.00107	.00102	.00115	.00349
%RSD	213.37	9.8661	57.601	49.891	12.353	57.594
#1	.00105	.00144	-.00260	.00276	-.01009	.00853
#2	-.00021	.00126	-.00110	.00132	-.00847	.00359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40514	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.2495866	--	--	--	--	--	--
#1	40442	--	--	--	--	--	--
#2	40585	--	--	--	--	--	--

Analysis Report 03/28/12 01:13:09 PM page 1

Method: 20076010 Sample Name: mb 600-75814/1-a Operator: DCL
Run Time: 03/28/12 13:09:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06438	.00204	.00316	.00033	-.00065	-.00563	-.00016
SDev	.00093	.00221	.00114	.00001	.00001	.00002	.00001
%RSD	1.4471	108.47	36.209	1.9131	1.1197	.37318	7.7656
#1	.06504	.00047	.00235	.00034	-.00066	-.00562	-.00016
#2	.06372	.00360	.00397	.00033	-.00065	-.00565	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21977	.00096	-.00050	.00165	.03382	.00001	.00113
SDev	.01667	.00002	.00008	.00001	.00133	.00002	.00067
%RSD	7.5874	1.8483	16.558	.44410	3.9276	163.55	58.695
#1	.23157	.00097	-.00056	.00164	.03289	.00002	.00066
#2	.20798	.00094	-.00044	.00165	.03476	-.00000	.00160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	.00251	.00050	.00051	-.00032	.02538	-.00325
SDev	.00076	.00154	.00010	.00101	.00047	.00782	.00005
%RSD	65.961	61.247	18.861	197.16	145.92	30.806	1.6696
#1	.00169	.00360	.00057	.00122	-.00065	.03091	-.00329
#2	.00062	.00142	.00044	-.00020	.00001	.01986	-.00322

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.06050	.03960	.00017	-.00261	.02851	.00031
SDev	.00002	.02560	.00090	.00002	.00171	.00147	.00006
%RSD	14.355	42.322	2.2673	11.073	65.544	5.1678	19.246
#1	-.00014	.04239	.04023	.00016	-.00383	.02955	.00027
#2	-.00017	.07860	.03896	.00018	-.00140	.02747	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.03353	.00263	.00039	-.00669	.00508
SDev	.00011	.00137	.00007	.00096	.00265	.00018
%RSD	23.658	4.0778	2.8526	248.23	39.577	3.6103
#1	.00040	.03449	.00257	-.00029	-.00482	.00495
#2	.00056	.03256	.00268	.00107	-.00857	.00521

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40606	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.2594696	--	--	--	--	--	--

#1	40531	--	--	--	--	--	--
#2	40680	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75814/2-a Operator: DCL
Run Time: 03/28/12 13:13:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.587	.88226	1.4794	2.9224	1.5733	.93041	.81627
SDev	.798	.01182	.0122	.0238	.0092	.00598	.00485
%RSD	.97790	1.3394	.82142	.81287	.58664	.64253	.59409

#1	82.151	.87390	1.4880	2.9392	1.5798	.93463	.81970
#2	81.023	.89062	1.4708	2.9056	1.5668	.92618	.81285

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.61	1.0765	1.5094	1.1457	170.98	.08672	1.5339
SDev	.67	.0084	.0102	.0113	1.30	.00080	.0062
%RSD	.65730	.78036	.67338	.98560	.75946	.92592	.40532

#1	103.09	1.0825	1.5166	1.1537	171.90	.08729	1.5383
#2	102.13	1.0706	1.5022	1.1377	170.07	.08615	1.5295

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1596	40.911	6.0081	1.0677	1.4658	49.224	2.4081
SDev	.0097	.275	.0447	.0022	.0141	.323	.0175
%RSD	.44709	.67294	.74388	.20315	.96416	.65673	.72481

#1	2.1664	41.106	6.0397	1.0692	1.4758	49.453	2.4204
#2	2.1527	40.717	5.9765	1.0661	1.4558	48.996	2.3958

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49796	3.8076	7.1818	2.8155	1.8633	1.6328	3.6212
SDev	.00402	.0461	.0772	.0255	.0099	.0133	.0264
%RSD	.80720	1.2106	1.0756	.90652	.53281	.81356	.72982

#1	.50080	3.7751	7.2364	2.8336	1.8703	1.6422	3.6398
#2	.49512	3.8402	7.1272	2.7975	1.8563	1.6234	3.6025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64457	2.3270	1.4422	1.5797	2.0604	2.2091
SDev	.00483	.0119	.0035	.0111	.0026	.0158
%RSD	.75010	.51147	.24212	.70085	.12724	.71494

#1	.64799	2.3354	1.4397	1.5875	2.0586	2.2203
#2	.64115	2.3186	1.4446	1.5719	2.0623	2.1979

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 01:17:00 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43188	--	--	--	--	--	--
SDev	204.3539	--	--	--	--	--	--
%RSD	.4731783	--	--	--	--	--	--

#1	43043	--	--	--	--	--	--
#2	43332	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-1-a Operator: DCL
Run Time: 03/28/12 13:17:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	200.37	.02385	.39062	25.384	.00534	7.4703	.00217
SDev	.09	.00669	.00028	.010	.00001	.0069	.00004
%RSD	.04290	28.041	.07047	.04023	.25388	.09268	1.9247
#1	200.31	.02858	.39082	25.392	.00535	7.4654	.00214
#2	200.43	.01912	.39043	25.377	.00533	7.4752	.00220
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	209.74	.16449	.09994	.08852	205.03	.38566	.14986
SDev	.05	.00013	.00030	.00034	.04	.00028	.00048
%RSD	.02440	.08070	.29780	.38867	.01753	.07384	.32224
#1	209.77	.16459	.10015	.08876	205.00	.38546	.14952
#2	209.70	.16440	.09973	.08827	205.05	.38586	.15020
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00727	476.09	4.6733	.00558	.07844	12.535	1.8611
SDev	.00210	.19	.0021	.00127	.00077	.009	.0019
%RSD	28.898	.03972	.04527	22.693	.98700	.07310	.09970
#1	-.00579	475.95	4.6748	.00647	.07790	12.541	1.8597
#2	-.00876	476.22	4.6718	.00468	.07899	12.528	1.8624
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	70.460	69.097	9.1414	.00788	.03692	2.4493
SDev	.00030	.226	.054	.0099	.00501	.00003	.0025
%RSD	15.036	.32069	.07744	.10840	63.550	.09280	.10178
#1	-.00180	70.300	69.059	9.1484	.01142	.03689	2.4511
#2	-.00222	70.620	69.134	9.1344	.00434	.03694	2.4476
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.32906	1.7864	.12965	.15996	-.01426	-.00378	
SDev	.00028	.0024	.00034	.00090	.00038	.00334	
%RSD	.08639	.13479	.26454	.56003	2.6416	88.351	
#1	.32926	1.7847	.12990	.15933	-.01452	-.00142	

#2	.32886	1.7881	.12941	.16059	-.01399	-.00614	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40050	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.2171612	--	--	--	--	--	--
#1	39989	--	--	--	--	--	--
#2	40112	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-2-a Operator: DCL
Run Time: 03/28/12 13:20:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	179.94	.01170	.19599	4.4949	.00832	1.2179	-.00777
SDev	.01	.00227	.00223	.0077	.00003	.0042	.00025
%RSD	.00699	19.390	1.1388	.17032	.36047	.34154	3.2123
#1	179.93	.01331	.19441	4.5003	.00834	1.2208	-.00759
#2	179.94	.01010	.19757	4.4895	.00830	1.2149	-.00794

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.076	.18739	.03150	.05901	222.83	.42068	.03589
SDev	.022	.00090	.00028	.00054	.64	.00030	.00031
%RSD	.08483	.47886	.88243	.91492	.28629	.07188	.86755
#1	26.091	.18802	.03170	.05939	223.28	.42046	.03567
#2	26.060	.18676	.03130	.05863	222.38	.42089	.03611

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	71.145	.28933	.00597	.06698	13.470	3.0019
SDev	.00095	.309	.00114	.00099	.00044	.054	.0048
%RSD	48.331	.43493	.39298	16.520	.65851	.40095	.15880
#1	-.00130	71.364	.29014	.00667	.06729	13.508	3.0052
#2	-.00264	70.926	.28853	.00528	.06667	13.432	2.9985

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00248	46.940	44.669	3.0826	.00620	.03175	.77480
SDev	.00005	.186	.070	.0012	.00331	.00087	.00327
%RSD	1.9734	.39582	.15581	.04048	53.323	2.7278	.42216
#1	-.00245	46.809	44.620	3.0835	.00854	.03113	.77711
#2	-.00252	47.071	44.718	3.0817	.00386	.03236	.77248

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47035	.07702	.02308	.04229	-.01189	.00299

Analysis Report 03/28/12 01:24:42 PM page 5

SDev	.00201	.00469	.00145	.00026	.00385	.00335
%RSD	.42740	6.0859	6.2966	.61385	32.382	112.04
#1	.47177	.07370	.02205	.04247	-.01461	.00536
#2	.46893	.08033	.02411	.04211	-.00917	.00062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43642	--	--	--	--	--	--
SDev	250.3158	--	--	--	--	--	--
%RSD	.5735663	--	--	--	--	--	--
#1	43465	--	--	--	--	--	--
#2	43819	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-3-a Operator: DCL
Run Time: 03/28/12 13:24:45
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.59	.00825	.04706	.95761	.00655	.35116	-.00609
SDev	1.77	.00074	.00049	.00995	.00004	.00283	.00014
%RSD	1.2966	8.9134	1.0403	1.0386	.65525	.80546	2.3751
#1	135.34	.00877	.04741	.95058	.00652	.34916	-.00599
#2	137.84	.00773	.04672	.96465	.00658	.35316	-.00619

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.7019	.15946	.02718	.05627	167.83	.04807	.08611
SDev	.0583	.00115	.00016	.00048	1.90	.00061	.00032
%RSD	.86939	.71993	.60810	.85561	1.1321	1.2649	.36608
#1	6.6607	.15865	.02706	.05593	166.48	.04764	.08589
#2	6.7431	.16028	.02730	.05661	169.17	.04850	.08634

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	4.7100	.09203	.00475	.04873	6.8637	3.1786
SDev	.00297	.0492	.00098	.00120	.00077	.0893	.0330
%RSD	369.08	1.0452	1.0615	25.210	1.5792	1.3015	1.0394
#1	.00129	4.6752	.09134	.00390	.04818	6.8005	3.1553
#2	-.00290	4.7448	.09272	.00559	.04927	6.9268	3.2020

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	49.828	45.910	.65545	.00551	.03336	.33498
SDev	.00029	.896	.580	.00701	.00203	.00058	.00317
%RSD	15.691	1.7992	1.2632	1.0699	36.845	1.7476	.94651
#1	-.00209	49.194	45.500	.65049	.00694	.03377	.33273
#2	-.00167	50.461	46.320	.66041	.00407	.03294	.33722

Analysis Report 03/28/12 01:28:33 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38734	.06559	.07665	.09085	-.01035	.00397
SDev	.00346	.00030	.00079	.00008	.00260	.00316
%RSD	.89390	.45016	1.0358	.08355	25.065	79.475
#1	.38489	.06538	.07609	.09079	-.00852	.00620
#2	.38979	.06579	.07721	.09090	-.01219	.00174

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42918	--	--	--	--	--	--
SDev	265.1650	--	--	--	--	--	--
%RSD	.6178483	--	--	--	--	--	--
#1	43105	--	--	--	--	--	--
#2	42730	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-a Operator: DCL

Run Time: 03/28/12 13:28:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.38	.00644	.14470	1.3065	.00884	.11192	-.01392
SDev	.73	.00064	.00108	.0046	.00003	.00089	.00016
%RSD	.43579	9.8525	.74769	.35125	.29419	.79207	1.1483
#1	168.90	.00599	.14546	1.3098	.00885	.11254	-.01404
#2	167.86	.00689	.14393	1.3033	.00882	.11129	-.01381

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.565	.24613	.02276	.08886	385.76	.07157	.22337
SDev	.108	.00113	.00029	.00069	1.41	.00037	.00057
%RSD	.50099	.45948	1.2836	.77458	.36625	.52169	.25619
#1	21.641	.24693	.02297	.08935	386.76	.07183	.22378
#2	21.489	.24533	.02256	.08838	384.76	.07130	.22297

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	5.7042	.66591	.00644	.04817	5.2268	2.7427
SDev	.00110	.0374	.00291	.00052	.00028	.0723	.0114
%RSD	392.62	.65599	.43703	8.0380	.58283	1.3826	.41604
#1	-.00050	5.7307	.66796	.00681	.04837	5.2779	2.7508
#2	.00105	5.6778	.66385	.00607	.04797	5.1757	2.7347

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00297	38.671	36.507	.80553	.00817	.03240	.44676
SDev	.00041	.157	.150	.00299	.00299	.00051	.00187

%RSD	13.819	.40534	.41088	.37110	36.594	1.5684	.41824
#1	-.00326	38.782	36.614	.80764	.00606	.03204	.44808
#2	-.00268	38.560	36.401	.80341	.01029	.03276	.44543

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66366	.08468	.20089	.23461	-.01682	.00883
SDev	.00324	.00065	.00300	.00064	.00117	.00223
%RSD	.48800	.77353	1.4911	.27253	6.9746	25.257
#1	.66595	.08514	.20301	.23416	-.01599	.00725
#2	.66137	.08422	.19878	.23507	-.01765	.01040

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42414	--	--	--	--	--	--
SDev	408.7077	--	--	--	--	--	--
%RSD	.9636151	--	--	--	--	--	--
#1	42125	--	--	--	--	--	--
#2	42703	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-b du Operator: DCL
Run Time: 03/28/12 13:32:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	160.20	.00844	.20237	1.1749	.00865	.09798	-.01361
SDev	2.53	.00002	.00335	.0199	.00012	.00122	.00007
%RSD	1.5804	.26667	1.6536	1.6979	1.4295	1.2498	.49598
#1	161.99	.00842	.20474	1.1890	.00873	.09885	-.01357
#2	158.41	.00846	.20001	1.1608	.00856	.09712	-.01366

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.913	.25718	.02055	.07753	374.57	.05873	.14338
SDev	.282	.00409	.00030	.00109	6.31	.00098	.00111
%RSD	1.6669	1.5907	1.4443	1.4098	1.6837	1.6745	.77686
#1	17.112	.26007	.02076	.07830	379.03	.05942	.14417
#2	16.713	.25428	.02034	.07676	370.11	.05803	.14260

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	4.8849	.40925	.00848	.04485	4.4671	2.8776
SDev	.00084	.0927	.00700	.00077	.00029	.1196	.0467
%RSD	52.277	1.8984	1.7111	9.1398	.63710	2.6768	1.6229
#1	-.00220	4.9504	.41420	.00903	.04505	4.5516	2.9107
#2	-.00101	4.8193	.40429	.00793	.04465	4.3825	2.8446

Analysis Report 03/28/12 01:36:16 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00273	36.014	34.120	.75869	.01124	.03455	.44917
SDev	.00047	.530	.488	.01235	.00540	.00137	.00759
%RSD	17.106	1.4715	1.4289	1.6281	48.043	3.9570	1.6900
#1	-.00306	36.389	34.464	.76742	.01506	.03552	.45454
#2	-.00240	35.639	33.775	.74995	.00742	.03358	.44380

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84598	.07279	.12646	.15185	-.01587	.00553
SDev	.01444	.00045	.00011	.00162	.00451	.00351
%RSD	1.7066	.62258	.08416	1.0653	28.417	63.521
#1	.85619	.07311	.12654	.15299	-.01268	.00305
#2	.83577	.07247	.12639	.15070	-.01905	.00801

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42616	--	--	--	--	--	--
SDev	628.6179	--	--	--	--	--	--
%RSD	1.475092	--	--	--	--	--	--

#1	42171	--	--	--	--	--	--
#2	43060	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-c ms Operator: DCL
Run Time: 03/28/12 13:36:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	216.27	.35095	1.0908	2.1997	.47321	.80296	.50121
SDev	1.48	.00753	.0033	.0132	.00257	.00583	.00306
%RSD	.68244	2.1462	.29989	.60219	.54270	.72634	.61055
#1	215.22	.34563	1.0885	2.1903	.47139	.79884	.49905
#2	217.31	.35628	1.0931	2.2090	.47502	.80709	.50337

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.907	1.2840	.97956	1.0464	323.83	.60797	1.1079
SDev	.145	.0074	.00408	.0068	2.01	.00419	.0076
%RSD	.58172	.57909	.41641	.64611	.61967	.68914	.68322
#1	24.805	1.2787	.97667	1.0416	322.41	.60501	1.1026
#2	25.010	1.2892	.98244	1.0512	325.25	.61094	1.1133

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88103	16.005	1.3768	.93722	1.0809	17.637	3.4142
SDev	.00498	.093	.0079	.00719	.0052	.117	.0222
%RSD	.56545	.57838	.57406	.76722	.47812	.66257	.64894

#1	.87751	15.939	1.3712	.93214	1.0773	17.555	3.3985
#2	.88456	16.070	1.3824	.94230	1.0846	17.720	3.4299

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49376	46.754	44.496	1.2423	1.0770	.92838	.85938
SDev	.00293	.419	.319	.0075	.0105	.00714	.00566
%RSD	.59271	.89653	.71706	.60238	.97153	.76956	.65880
#1	.49170	46.458	44.270	1.2370	1.0696	.92333	.85538
#2	.49583	47.050	44.722	1.2476	1.0844	.93343	.86338

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5380	1.1712	1.0359	1.1439	.83317	.90497
SDev	.0093	.0219	.0043	.0092	.00055	.00775
%RSD	.60466	1.8685	.41891	.80289	.06621	.85623
#1	1.5314	1.1557	1.0329	1.1374	.83356	.89949
#2	1.5445	1.1866	1.0390	1.1504	.83278	.91044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42051	--	--	--	--	--	--
SDev	101.8234	--	--	--	--	--	--

%RSD	.2421426	--	--	--	--	--	--
#1	42123	--	--	--	--	--	--
#2	41979	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-d msd Operator: DCL
Run Time: 03/28/12 13:40:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.38	.37330	1.1676	2.1042	.46307	.79176	.48271
SDev	.74	.00048	.0066	.0084	.00216	.00166	.00194
%RSD	.33918	.12799	.56642	.39908	.46716	.20925	.40230
#1	217.90	.37364	1.1723	2.1101	.46460	.79293	.48408
#2	216.85	.37297	1.1630	2.0983	.46154	.79059	.48134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.685	1.1752	.95098	1.0431	429.25	.58880	1.1974
SDev	.077	.0051	.00424	.0040	1.74	.00192	.0067
%RSD	.32487	.43089	.44593	.38127	.40586	.32678	.55547
#1	23.740	1.1788	.95398	1.0459	430.48	.59016	1.2021
#2	23.631	1.1717	.94798	1.0403	428.01	.58744	1.1927

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87924	15.063	1.3188	.92188	1.0400	16.818	3.4765
SDev	.00299	.073	.0054	.00556	.0048	.105	.0127
%RSD	.33987	.48192	.40791	.60362	.46124	.62167	.36619
#1	.88135	15.114	1.3226	.92582	1.0434	16.892	3.4855
#2	.87713	15.012	1.3150	.91795	1.0366	16.744	3.4675

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48073	42.703	41.339	1.1860	1.0503	.90722	1.1089
SDev	.00134	.096	.120	.0048	.0025	.00927	.0046
%RSD	.27964	.22405	.28909	.40586	.24125	1.0213	.41105
#1	.48168	42.770	41.424	1.1894	1.0485	.91377	1.1122
#2	.47978	42.635	41.255	1.1826	1.0521	.90067	1.1057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5491	1.0678	1.1149	1.2387	.82588	.90592
SDev	.0069	.0033	.0054	.0073	.00736	.00080
%RSD	.44462	.31331	.48387	.58769	.89119	.08857
#1	1.5539	1.0702	1.1187	1.2439	.83109	.90648
#2	1.5442	1.0654	1.1110	1.2336	.82068	.90535

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	42440	--	--	--	--	--	--
SDev	191.6259	--	--	--	--	--	--
%RSD	.4515273	--	--	--	--	--	--
#1	42304	--	--	--	--	--	--
#2	42575	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-5-a Operator: DCL
Run Time: 03/28/12 13:44:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.570	.02081	.17284	.34018	.01989	.03515	-.02079
SDev	.055	.00235	.00364	.00006	.00000	.00059	.00002
%RSD	.08371	11.275	2.1031	.01861	.00368	1.6690	.10499
#1	65.531	.02246	.17027	.34022	.01989	.03556	-.02077
#2	65.608	.01915	.17541	.34013	.01989	.03473	-.02080

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1783	.79793	.06511	.15638	552.12	.01371	.22128
SDev	.0187	.00038	.00005	.00019	.24	.00002	.00033
%RSD	.36174	.04771	.08296	.12477	.04418	.13750	.15057

#1	5.1650	.79820	.06515	.15624	551.95	.01369	.22104
#2	5.1915	.79766	.06508	.15652	552.29	.01372	.22151

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00907	2.1853	1.7297	.01636	.17437	1.1375	2.8046
SDev	.00179	.0018	.0005	.00010	.00024	.0089	.0016
%RSD	19.686	.08310	.03047	.61593	.13888	.77990	.05799
#1	-.01033	2.1840	1.7293	.01629	.17454	1.1313	2.8035
#2	-.00781	2.1866	1.7300	.01643	.17419	1.1438	2.8058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00361	12.726	12.248	.28547	.02075	.02931	.37706
SDev	.00014	.088	.013	.00002	.00192	.00035	.00045
%RSD	4.0033	.69060	.10621	.00600	9.2746	1.2087	.11897
#1	-.00351	12.664	12.239	.28546	.02211	.02906	.37738
#2	-.00371	12.788	12.257	.28548	.01939	.02956	.37674

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3935	.09386	.19981	.23201	-.03000	.00140
SDev	.0001	.00280	.00068	.00084	.00395	.00466
%RSD	.00549	2.9789	.34230	.36280	13.181	333.17
#1	1.3935	.09188	.20030	.23141	-.02720	-.00189
#2	1.3936	.09584	.19933	.23260	-.03280	.00469

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44874	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.0835162	--	--	--	--	--	--
#1	44847	--	--	--	--	--	--
#2	44900	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 13:47:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5022	.53552	.52249	.53164	.48299	.51913	.54883
SDev	.0169	.00219	.00368	.00350	.00309	.00179	.00314
%RSD	.67442	.40855	.70392	.65912	.64042	.34404	.57238
#1	2.5141	.53707	.52509	.53412	.48517	.52040	.55105
#2	2.4903	.53397	.51988	.52917	.48080	.51787	.54661

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.707	.49117	.49221	.48015	2.6631	.48540	.51598
SDev	.079	.00296	.00393	.00362	.0130	.00305	.00275
%RSD	.62061	.60306	.79861	.75360	.48962	.62824	.53357
#1	12.763	.49326	.49499	.48270	2.6723	.48756	.51792
#2	12.651	.48907	.48943	.47759	2.6539	.48325	.51403

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51685	4.9706	.49569	.52125	.52837	12.890	.95033
SDev	.00479	.0204	.00324	.00129	.00398	.023	.00626
%RSD	.92694	.41087	.65312	.24776	.75350	.17928	.65905
#1	.52024	4.9851	.49798	.52033	.53119	12.906	.95475
#2	.51346	4.9562	.49340	.52216	.52556	12.873	.94590

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24988	12.769	12.435	.26684	.56107	.51004	.51598
SDev	.00169	.162	.094	.00148	.00075	.00453	.00311
%RSD	.67806	1.2697	.75608	.55506	.13397	.88869	.60357
#1	.25107	12.884	12.501	.26789	.56160	.51325	.51818
#2	.24868	12.654	12.368	.26580	.56054	.50684	.51377

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49881	.53758	.48282	.53255	.48157	.53455
SDev	.00273	.00282	.00345	.00240	.01114	.00162
%RSD	.54676	.52457	.71547	.45110	2.3130	.30254
#1	.50074	.53958	.48526	.53425	.48945	.53569

#2	.49688	.53559	.48038	.53086	.47370	.53340

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39511	--	--	--	--	--	--
SDev	292.7422	--	--	--	--	--	--
%RSD	.7409132	--	--	--	--	--	--
#1	39718	--	--	--	--	--	--
#2	39304	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 13:51:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07925	.00514	.00357	.00021	-.00074	-.00142	-.00021
SDev	.00028	.00038	.00031	.00003	.00002	.00022	.00007

%RSD	.34960	7.4633	8.7084	13.359	2.0886	15.227	34.238
#1	.07945	.00541	.00379	.00019	-.00073	-.00158	-.00026
#2	.07905	.00487	.00335	.00023	-.00075	-.00127	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01126	.00084	-.00053	-.00183	-.00968	.00040	.00109
SDev	.00080	.00032	.00049	.00012	.01461	.00002	.00009
%RSD	7.0902	38.210	91.505	6.5942	151.01	4.3037	8.6227
#1	-.01182	.00061	-.00088	-.00192	-.02001	.00042	.00103
#2	-.01069	.00107	-.00019	-.00174	.00066	.00039	.00116

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.02459	.00019	.00198	-.00023	.15359	-.00449
SDev	.00144	.00167	.00002	.00068	.00046	.00285	.00056
%RSD	3851.2	6.7763	9.9037	34.216	200.54	1.8551	12.475
#1	.00105	.02577	.00020	.00246	-.00055	.15158	-.00489
#2	-.00098	.02341	.00017	.00150	.00010	.15561	-.00410

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.09622	.02034	.00010	.00338	.00177	.00050
SDev	.00054	.15738	.00018	.00002	.00041	.00034	.00006
%RSD	137.44	163.56	.88015	22.356	12.068	19.260	11.394
#1	-.00078	-.20750	.02047	.00008	.00309	.00153	.00054
#2	-.00001	.01506	.02021	.00011	.00367	.00201	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00027	-.00117	.00222	-.00435	.00223
SDev	.00018	.00015	.00147	.00059	.00393	.00019

%RSD	15.813	56.781	125.79	26.664	90.266	8.5037
#1	.00104	.00016	-.00220	.00264	-.00157	.00237
#2	.00130	.00038	-.00013	.00180	-.00713	.00210

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40014	--	--	--	--	--	--
SDev	98.99495	--	--	--	--	--	--
%RSD	.2474008	--	--	--	--	--	--
#1	40084	--	--	--	--	--	--
#2	39944	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52347-a-1-b Operator: DCL
Run Time: 03/28/12 13:55:34
Comment: TRACE 61E

Analysis Report 03/28/12 01:59:21 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08421	.00256	.00644	.00067	-.00062	-.00264	-.00010
SDev	.00133	.00037	.00040	.00003	.00000	.00055	.00007
%RSD	1.5819	14.567	6.1495	5.1348	.10738	20.876	75.294
#1	.08515	.00282	.00616	.00065	-.00063	-.00303	-.00015
#2	.08327	.00230	.00672	.00070	-.00062	-.00225	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34108	.00062	.00003	.00156	.04168	.00006	.00132
SDev	.00403	.00002	.00024	.00017	.00151	.00006	.00002
%RSD	1.1805	2.3975	815.51	11.054	3.6262	97.338	1.3029
#1	.34393	.00061	.00020	.00143	.04275	.00010	.00131
#2	.33824	.00063	-.00014	.00168	.04061	.00002	.00134

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00656	.00568	.00033	.00381	.04838	.06602	-.00342
SDev	.00043	.00197	.00000	.00051	.00015	.01505	.00041
%RSD	6.5839	34.636	.21379	13.440	.31102	22.796	11.855
#1	.00625	.00707	.00033	.00418	.04849	.07666	-.00371
#2	.00686	.00429	.00033	.00345	.04827	.05537	-.00314

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.05395	.09663	.00026	-.00671	.02484	.00052
SDev	.00002	.02186	.00233	.00001	.00217	.00016	.00004
%RSD	6.3159	40.514	2.4104	1.9309	32.365	.63158	7.2434
#1	-.00033	.06940	.09827	.00025	-.00517	.02473	.00049
#2	-.00036	.03849	.09498	.00026	-.00825	.02495	.00054

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41980	.02182	.00037	.00180	.00437	.00765
SDev	.00111	.00018	.00009	.00002	.00417	.00144
%RSD	.26485	.83865	24.992	1.1020	95.391	18.797
#1	.42059	.02195	.00030	.00182	.00142	.00867
#2	.41901	.02169	.00043	.00179	.00732	.00663

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40472	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.2341182	--	--	--	--	--	--
#1	40405	--	--	--	--	--	--
#2	40539	--	--	--	--	--	--

Analysis Report 03/28/12 01:59:21 PM page 15

Analysis Report 03/28/12 02:05:59 PM page 1

Method: 20076010 Sample Name: 600-52576-a-1-e Operator: DCL
Run Time: 03/28/12 14:02:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	169.80	.00856	.07632	2.3604	.01161	.05638	-.00529
SDev	.21	.00249	.00240	.0042	.00001	.00056	.00020
%RSD	.12490	29.071	3.1506	.17618	.08307	.98611	3.7521
#1	169.95	.01032	.07802	2.3633	.01162	.05599	-.00515
#2	169.65	.00680	.07462	2.3575	.01160	.05677	-.00543

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1189.2	.27056	.11852	.19252	237.24	.21967	.26582
SDev	2.5	.00029	.00075	.00140	.44	.00032	.00066
%RSD	.21074	.10726	.63622	.72608	.18674	.14678	.24874
#1	1191.0	.27077	.11905	.19351	237.56	.21990	.26629
#2	1187.5	.27036	.11799	.19154	236.93	.21944	.26536

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01655	70.275	5.9344	.02158	.24765	35.720	2.7650
SDev	.00412	.088	.0090	.00008	.00213	.044	.0026
%RSD	24.909	.12547	.15209	.36719	.86050	.12338	.09387
#1	-.01946	70.338	5.9408	.02164	.24915	35.751	2.7668
#2	-.01363	70.213	5.9281	.02153	.24614	35.689	2.7631

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00372	6.9707	7.8289	1.6716	.00728	.03369	.27837
SDev	.00061	.1601	.0211	.0027	.00150	.00171	.00070

%RSD	16.520	2.2966	.27001	.16174	20.614	5.0863	.25129
#1	-.00328	7.0839	7.8438	1.6736	.00834	.03490	.27887
#2	-.00415	6.8575	7.8139	1.6697	.00622	.03248	.27788

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40598	1.0996	.23879	.27934	-.02167	-.01399
SDev	.00064	.0011	.00166	.00016	.00484	.00376
%RSD	.15743	.10215	.69463	.05816	22.346	26.894
#1	.40643	1.1004	.23996	.27946	-.02509	-.01665
#2	.40553	1.0988	.23762	.27923	-.01824	-.01133

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39608	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.1731727	--	--	--	--	--	--

#1	39559	--	--	--	--	--	--
#2	39656	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-f du Operator: DCL
Run Time: 03/28/12 14:06:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	167.66	.00586	.05825	2.4834	.01077	.05775	-.00419
SDev	.27	.00120	.00287	.0038	.00000	.00019	.00011
%RSD	.15931	20.478	4.9210	.15487	.02261	.33229	2.6774
#1	167.85	.00671	.06028	2.4861	.01077	.05788	-.00427
#2	167.47	.00501	.05623	2.4807	.01077	.05761	-.00411

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1264.4	.26368	.12015	.17372	211.96	.23460	.27430
SDev	3.6	.00057	.00064	.00004	.57	.00031	.00150
%RSD	.28748	.21704	.53402	.02329	.26810	.13183	.54747
#1	1267.0	.26409	.12061	.17375	212.36	.23481	.27536
#2	1261.8	.26328	.11970	.17369	211.56	.23438	.27323

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01677	76.455	6.4920	.00531	.24394	38.163	3.0541
SDev	.00501	.154	.0129	.00085	.00090	.121	.0060
%RSD	29.891	.20127	.19824	15.985	.36842	.31718	.19515
#1	-.01323	76.563	6.5011	.00591	.24457	38.248	3.0583
#2	-.02032	76.346	6.4829	.00471	.24330	38.077	3.0499

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00364	7.0762	8.0797	1.8590	.00889	.03091	.27160
SDev	.00035	.0546	.0267	.0032	.00032	.00010	.00083
%RSD	9.4876	.77117	.33041	.17210	3.6390	.33281	.30477
#1	-.00340	7.0376	8.0986	1.8613	.00867	.03098	.27219
#2	-.00389	7.1148	8.0608	1.8568	.00912	.03084	.27102

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34645	.94988	.24654	.28817	-.02215	-.01409
SDev	.00087	.00078	.00310	.00070	.00744	.00380
%RSD	.24987	.08255	1.2577	.24363	33.601	26.973
#1	.34706	.95043	.24874	.28867	-.01689	-.01140
#2	.34583	.94932	.24435	.28767	-.02741	-.01677

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 02:09:50 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39768	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2844928	--	--	--	--	--	--
#1	39688	--	--	--	--	--	--
#2	39848	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-g ms Operator: DCL
Run Time: 03/28/12 14:09:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	239.10	.29379	.95874	3.5944	.43063	.61561	.43040
SDev	.42	.00184	.00059	.0053	.00033	.00236	.00090
%RSD	.17743	.62729	.06152	.14811	.07710	.38384	.20868
#1	239.40	.29249	.95833	3.5982	.43086	.61729	.43103
#2	238.80	.29510	.95916	3.5907	.43039	.61394	.42976

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1236.0	1.0985	.96212	1.0800	226.22	.77189	1.2295
SDev	2.5	.0013	.00128	.0002	.37	.00144	.0002
%RSD	.20472	.11878	.13318	.02282	.16143	.18701	.01932
#1	1237.8	1.0994	.96303	1.0801	226.48	.77291	1.2296
#2	1234.3	1.0976	.96122	1.0798	225.97	.77087	1.2293

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82076	77.336	9.1531	.77644	1.0622	53.592	3.6734
SDev	.00434	.076	.0126	.00129	.0036	.081	.0033
%RSD	.52896	.09847	.13743	.16610	.34214	.15063	.08897
#1	.81769	77.390	9.1620	.77553	1.0647	53.649	3.6757

#2	.82383	77.282	9.1442	.77735	1.0596	53.535	3.6711

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48757	19.347	21.479	2.3822	.95780	.77230	.39172
SDev	.00015	.090	.031	.0035	.00237	.00060	.00044
%RSD	.03125	.46383	.14238	.14692	.24748	.07737	.11341
#1	.48768	19.410	21.500	2.3847	.95948	.77188	.39204
#2	.48746	19.283	21.457	2.3798	.95613	.77273	.39141

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2249	2.1017	1.1420	1.2732	.77866	.84181
SDev	.0018	.0027	.0024	.0008	.00220	.00762
%RSD	.14820	.12685	.20656	.06465	.28314	.90455
#1	1.2262	2.1036	1.1437	1.2726	.78022	.83642

#2	1.2236	2.0998	1.1404	1.2738	.77710	.84719	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40846	--	--	--	--	--	--
SDev	150.6137	--	--	--	--	--	--
%RSD	.3687401	--	--	--	--	--	--
#1	40739	--	--	--	--	--	--
#2	40952	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-h msd Operator: DCL
Run Time: 03/28/12 14:13:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	234.21	.28379	.97025	3.8712	.42403	.62434	.42297
SDev	.24	.00166	.00629	.0041	.00088	.00132	.00073
%RSD	.10377	.58502	.64861	.10550	.20657	.21152	.17252
#1	234.38	.28262	.97470	3.8741	.42465	.62527	.42349
#2	234.04	.28497	.96580	3.8683	.42341	.62340	.42245

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1464.3	1.0767	.94845	1.0908	236.60	.78353	1.1134
SDev	3.8	.0021	.00229	.0002	.61	.00017	.0032
%RSD	.25928	.19624	.24164	.02018	.25685	.02234	.29009
#1	1467.0	1.0782	.95007	1.0910	237.03	.78340	1.1112
#2	1461.6	1.0752	.94683	1.0907	236.17	.78365	1.1157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81051	87.287	10.498	.76357	1.0587	61.093	3.9193
SDev	.00049	.169	.021	.00216	.0030	.013	.0029
%RSD	.06081	.19339	.20223	.28239	.28514	.02189	.07320

#1	.81086	87.406	10.513	.76510	1.0608	61.084	3.9213
#2	.81016	87.167	10.483	.76205	1.0566	61.103	3.9173

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48905	19.569	21.948	2.6055	.94106	.75861	.37087
SDev	.00090	.110	.003	.0027	.00185	.00167	.00109
%RSD	.18319	.56257	.01486	.10285	.19691	.22019	.29296
#1	.48968	19.647	21.951	2.6074	.93975	.75980	.37164
#2	.48841	19.491	21.946	2.6036	.94237	.75743	.37010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2256	1.7432	1.0319	1.1542	.77265	.82944

SDev	.0015	.0033	.0008	.0052	.01613	.00733
%RSD	.12262	.18784	.07657	.45400	2.0878	.88330
#1	1.2267	1.7455	1.0325	1.1505	.78406	.82426
#2	1.2245	1.7409	1.0314	1.1579	.76124	.83462

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39940	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1009154	--	--	--	--	--	--
#1	39911	--	--	--	--	--	--
#2	39968	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-b-1-b Operator: DCL
Run Time: 03/28/12 14:17:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.119	.00854	.04799	1.3021	.00639	.03597	-.00184
SDev	.025	.00098	.00088	.0021	.00002	.00059	.00004
%RSD	.05488	11.450	1.8404	.16095	.27755	1.6444	2.1315
#1	46.137	.00923	.04861	1.3036	.00641	.03639	-.00181
#2	46.101	.00785	.04736	1.3007	.00638	.03556	-.00187

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	269.52	.07543	.14993	.31302	76.950	.03586	.13240
SDev	.60	.00013	.00046	.00080	.181	.00003	.00101
%RSD	.22323	.17267	.30791	.25650	.23559	.07817	.76387
#1	269.95	.07552	.15026	.31359	77.078	.03588	.13311
#2	269.10	.07534	.14961	.31246	76.822	.03584	.13168

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00267	14.017	1.7994	.00935	.08172	7.5083	3.2173

SDev	.00131	.038	.0037	.00039	.00010	.0112	.0013
%RSD	48.968	.26803	.20571	4.2071	.12457	.14861	.04072
#1	-.00175	14.043	1.8020	.00963	.08165	7.5162	3.2182
#2	-.00359	13.990	1.7968	.00907	.08179	7.5004	3.2163

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00219	9.9477	10.066	.46349	.00365	.03978	.28935
SDev	.00029	.1075	.004	.00061	.00239	.00090	.00059
%RSD	13.105	1.0804	.03968	.13257	65.591	2.2713	.20291
#1	-.00239	10.024	10.063	.46392	.00534	.04041	.28976
#2	-.00198	9.8717	10.069	.46305	.00196	.03914	.28893

Analysis Report 03/28/12 02:21:23 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13749	.43197	.12037	.13841	-.01367	.00283
SDev	.00039	.00070	.00038	.00171	.00002	.00197
%RSD	.28105	.16287	.31412	1.2326	.16228	69.676
#1	.13776	.43246	.12010	.13962	-.01369	.00423
#2	.13722	.43147	.12064	.13720	-.01366	.00144

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42701	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.0662380	--	--	--	--	--	--
#1	42721	--	--	--	--	--	--
#2	42681	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-b-2-c Operator: DCL
Run Time: 03/28/12 14:21:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.868	.00536	.04117	1.8837	.00523	.03208	-.00189
SDev	.186	.00133	.00230	.0039	.00003	.00025	.00003
%RSD	.25851	24.774	5.5884	.20778	.61063	.78318	1.5926
#1	71.999	.00442	.03955	1.8864	.00525	.03226	-.00191
#2	71.737	.00630	.04280	1.8809	.00520	.03190	-.00187

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	932.72	.10457	.07023	.08295	99.546	.09617	.10901
SDev	2.25	.00039	.00019	.00007	.276	.00023	.00056
%RSD	.24079	.37208	.26807	.08485	.27717	.24284	.51067
#1	934.30	.10484	.07037	.08300	99.741	.09634	.10940
#2	931.13	.10429	.07010	.08290	99.351	.09601	.10861

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00946	33.435	3.4755	.00404	.12787	16.763	2.5524
SDev	.00046	.094	.0076	.00015	.00014	.058	.0088
%RSD	4.8363	.28078	.21743	3.7495	.11111	.34500	.34495
#1	-.00913	33.501	3.4809	.00414	.12797	16.803	2.5586
#2	-.00978	33.368	3.4702	.00393	.12777	16.722	2.5462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00245	2.8090	3.5592	.44887	.00140	.02542	.42306
SDev	.00012	.0791	.0127	.00070	.00143	.00213	.00076

%RSD	4.9197	2.8149	.35703	.15632	101.95	8.3780	.18005
#1	-.00253	2.8649	3.5682	.44936	.00241	.02693	.42360
#2	-.00236	2.7531	3.5502	.44837	.00039	.02392	.42252

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17402	.26841	.09705	.11499	-.01610	-.00614
SDev	.00077	.00029	.00121	.00023	.00002	.00068
%RSD	.44127	.10692	1.2499	.19867	.12175	11.018
#1	.17457	.26862	.09791	.11515	-.01608	-.00566
#2	.17348	.26821	.09620	.11482	-.01611	-.00662

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41186	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.1940031	--	--	--	--	--	--
#1	41130	--	--	--	--	--	--
#2	41243	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52642-a-1-a@10 Operator: DCL
Run Time: 03/28/12 14:25:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6519	.00191	.00556	9.0193	-.00062	-.00292	-.00045
SDev	.0074	.00211	.00233	.0484	.00000	.00062	.00013
%RSD	.44608	110.56	41.980	.53694	.39658	21.301	29.384
#1	1.6571	.00042	.00721	9.0535	-.00062	-.00336	-.00054
#2	1.6467	.00340	.00391	8.9850	-.00062	-.00248	-.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.419	.00302	.00335	.01252	7.5607	.00286	.01067
SDev	.165	.00038	.00046	.00013	.0009	.00006	.00076
%RSD	.23110	12.435	13.766	1.0707	.01249	2.0414	7.1161
#1	71.536	.00275	.00302	.01262	7.5600	.00282	.01014
#2	71.303	.00328	.00368	.01243	7.5613	.00290	.01121

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	1.9865	.22326	.00098	.00305	.51706	.15396
SDev	.00056	.0010	.00074	.00046	.00037	.04409	.00287
%RSD	31.885	.05194	.32994	46.604	12.021	8.5266	1.8643
#1	.00135	1.9872	.22378	.00130	.00330	.48589	.15599
#2	.00214	1.9857	.22274	.00066	.00279	.54824	.15193

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.68995	.95606	.47290	-.00203	.00448	.21857
SDev	.00087	.08332	.00887	.00189	.00147	.00258	.00040
%RSD	202.64	12.076	.92834	.39904	72.320	57.636	.18480
#1	-.00104	.63103	.96234	.47423	-.00307	.00630	.21886
#2	.00019	.74887	.94978	.47156	-.00099	.00265	.21829

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00407	.01485	.01150	.01026	-.00754	.00639
SDev	.00014	.00002	.00175	.00027	.00049	.00059
%RSD	3.5406	.12026	15.187	2.5936	6.4334	9.2761
#1	.00397	.01486	.01026	.01007	-.00789	.00597
#2	.00417	.01484	.01273	.01045	-.00720	.00681

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38998	--	--	--	--	--	--
SDev	195.8686	--	--	--	--	--	--
%RSD	.5022464	--	--	--	--	--	--
#1	39137	--	--	--	--	--	--
#2	38860	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52642-a-2-a@10 Operator: DCL
Run Time: 03/28/12 14:29:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06823	.00170	.00247	.00171	-.00076	.01876	-.00015
SDev	.00239	.00228	.00025	.00007	.00000	.00014	.00001
%RSD	3.5104	134.20	9.9481	4.1855	.59537	.76945	7.0163
#1	.06654	.00332	.00264	.00166	-.00076	.01887	-.00016
#2	.06992	.00009	.00230	.00176	-.00076	.01866	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07895	.00024	-.00050	-.00122	-.00441	.00088	.00094
SDev	.00653	.00002	.00019	.00012	.00774	.00002	.00119
%RSD	8.2652	6.5567	37.740	9.7123	175.49	2.6917	127.56

#1	.07434	.00023	-.00064	-.00113	-.00988	.00090	.00009
#2	.08357	.00025	-.00037	-.00130	.00106	.00086	.00178

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00742	.00021	.00055	-.00089	.05771	-.00560
SDev	.00128	.00299	.00006	.00019	.00025	.01628	.00115
%RSD	194.19	40.275	26.407	34.241	28.279	28.201	20.500

Analysis Report 03/28/12 02:32:56 PM page 9

#1	.00157	.00953	.00017	.00069	-.00071	.06922	-.00478
#2	-.00025	.00530	.00025	.00042	-.00106	.04620	-.00641

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.12468	.02173	.00031	-.00215	.00356	.00021
SDev	.00052	.15196	.00254	.00001	.00303	.00094	.00002
%RSD	96.184	121.88	11.682	3.3200	141.26	26.409	11.497

#1	-.00090	-.23213	.02352	.00030	-.00000	.00423	.00023
#2	-.00017	-.01723	.01993	.00031	-.00429	.00290	.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00563	.00111	.00085	-.00551	.00374
SDev	.00019	.00025	.00037	.00161	.00231	.00308
%RSD	43.033	4.3821	33.334	188.93	41.965	82.256

#1	.00058	.00546	.00085	-.00029	-.00714	.00592
#2	.00031	.00581	.00137	.00199	-.00387	.00157

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40410	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2117322	--	--	--	--	--	--

#1	40349	--	--	--	--	--	--
#2	40470	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52642-a-3-a@10 Operator: DCL
Run Time: 03/28/12 14:33:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67121	.00286	.01301	8.1810	-.00058	-.00322	-.00058
SDev	.00150	.00433	.00223	.0215	.00002	.00003	.00008
%RSD	.22323	151.62	17.113	.26253	3.8271	.84992	13.689

#1	.67015	-.00021	.01143	8.1962	-.00059	-.00320	-.00052
#2	.67227	.00592	.01458	8.1659	-.00056	-.00324	-.00063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7211	.00228	.00354	.01128	18.327	.00145	.00854
SDev	.0011	.00028	.00011	.00040	.024	.00004	.00066

%RSD	.02381	12.286	3.0755	3.5924	.13352	2.7193	7.7291
#1	4.7203	.00208	.00362	.01099	18.344	.00142	.00901
#2	4.7219	.00248	.00346	.01156	18.310	.00148	.00808

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 02:36:48 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	6.3453	.15599	.00107	.00289	.39587	.19270
SDev	.00023	.0006	.00005	.00024	.00027	.02573	.00224
%RSD	41.490	.00920	.03146	22.368	9.4194	6.4986	1.1615
#1	-.00073	6.3457	.15596	.00090	.00309	.37768	.19112
#2	-.00040	6.3449	.15602	.00124	.00270	.41406	.19428

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00315	.07921	2.1548	-.00105	.00363	.01761
SDev	.00041	.11314	.00164	.0071	.00012	.00041	.00015
%RSD	305.53	3593.6	2.0718	.32948	11.133	11.170	.82618
#1	.00043	.08315	.07805	2.1598	-.00097	.00392	.01751
#2	-.00016	-.07686	.08037	2.1498	-.00114	.00335	.01772

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00448	.43900	.00927	.00818	-.00157	-.00006
SDev	.00046	.00018	.00327	.00064	.00452	.00261
%RSD	10.245	.04044	35.220	7.8596	288.68	4381.2
#1	.00415	.43913	.01158	.00772	.00163	-.00190
#2	.00480	.43887	.00696	.00863	-.00476	.00178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39058	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0814691	--	--	--	--	--	--
#1	39080	--	--	--	--	--	--
#2	39035	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 14:36:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4567	.52216	.51029	.52336	.47448	.50655	.53520
SDev	.0142	.00195	.00336	.00136	.00052	.00200	.00005
%RSD	.57918	.37277	.65808	.25948	.10888	.39398	.00852
#1	2.4668	.52078	.51267	.52432	.47485	.50796	.53516
#2	2.4466	.52353	.50792	.52240	.47411	.50514	.53523

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.478	.48312	.48205	.47361	2.6122	.48359	.50236
SDev	.024	.00090	.00064	.00164	.0004	.00243	.00137
%RSD	.18946	.18652	.13327	.34660	.01613	.50278	.27365

Analysis Report 03/28/12 02:40:39 PM page 11

#1	12.495	.48375	.48251	.47477	2.6119	.48531	.50139
#2	12.462	.48248	.48160	.47245	2.6125	.48187	.50333

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49768	4.8948	.48583	.51063	.52110	12.989	.92844
SDev	.00681	.0035	.00095	.00072	.00291	.020	.00179
%RSD	1.3685	.07127	.19553	.14169	.55759	.15324	.19272
#1	.49286	4.8973	.48650	.51011	.52316	13.003	.92971
#2	.50249	4.8924	.48516	.51114	.51905	12.975	.92718

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24736	12.779	12.387	.26255	.54667	.49916	.50731
SDev	.00031	.141	.110	.00042	.00591	.00102	.00107
%RSD	.12649	1.1070	.88581	.16128	1.0810	.20356	.21134
#1	.24758	12.879	12.464	.26285	.54249	.49844	.50807
#2	.24713	12.679	12.309	.26225	.55085	.49988	.50655

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49092	.52875	.46882	.51913	.46631	.51342
SDev	.00024	.00106	.00374	.00019	.00679	.00682
%RSD	.04985	.20113	.79830	.03675	1.4551	1.3290
#1	.49109	.52950	.46617	.51899	.46151	.50859
#2	.49075	.52799	.47147	.51926	.47110	.51824

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38751	--	--	--	--	--	--
SDev	203.6468	--	--	--	--	--	--
%RSD	.5255265	--	--	--	--	--	--
#1	38895	--	--	--	--	--	--
#2	38607	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 14:40:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07283	.00461	.00468	.00031	-.00074	-.00344	-.00010
SDev	.00187	.00248	.00104	.00007	.00004	.00098	.00002
%RSD	2.5626	53.890	22.168	22.676	5.5630	28.444	23.480
#1	.07415	.00636	.00395	.00036	-.00071	-.00275	-.00011

#2	.07151	.00285	.00541	.00026	-.00077	-.00413	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00812	.00117	-.00019	-.00138	.00329	.00066	.00091
SDev	.00259	.00040	.00008	.00024	.00072	.00005	.00072
%RSD	31.885	34.305	43.369	17.509	21.782	8.0334	78.349
#1	-.00994	.00146	-.00013	-.00121	.00380	.00070	.00041
#2	-.00629	.00089	-.00025	-.00155	.00278	.00063	.00142

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00253	.04246	.00019	.00199	-.00030	.32690	-.00406
SDev	.00123	.00447	.00006	.00087	.00003	.03304	.00300
%RSD	48.726	10.531	30.787	43.599	11.545	10.106	73.862
#1	.00340	.04563	.00024	.00260	-.00033	.35026	-.00194
#2	.00166	.03930	.00015	.00138	-.00028	.30354	-.00618

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.04468	.02499	.00011	.00255	.00092	.00065
SDev	.00017	.02267	.00243	.00000	.00142	.00049	.00013
%RSD	80.511	50.738	9.7080	3.3038	55.783	52.769	20.230
#1	-.00034	-.02865	.02671	.00011	.00355	.00127	.00074
#2	-.00009	-.06071	.02328	.00011	.00154	.00058	.00055

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.00059	-.00261	.00267	-.00561	.00660
SDev	.00028	.00005	.00077	.00069	.00556	.00093
%RSD	16.930	8.4148	29.549	25.793	99.252	14.139
#1	.00182	.00062	-.00315	.00219	-.00167	.00594
#2	.00143	.00055	-.00206	.00316	-.00954	.00726

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38444	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.2777404	--	--	--	--	--	--
#1	38368	--	--	--	--	--	--
#2	38519	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52643-a-1-a@10 Operator: DCL
Run Time: 03/28/12 14:44:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13406	-.00065	.00437	.05743	-.00079	-.00547	-.00019
SDev	.00207	.00277	.00063	.00017	.00000	.00106	.00024

%RSD	1.5412	423.92	14.414	.29898	.44853	19.336	121.62
#1	.13260	-.00261	.00481	.05755	-.00079	-.00622	-.00036
#2	.13552	.00130	.00392	.05731	-.00079	-.00472	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45193	.00041	-.00019	.01405	.15198	.00041	.00140
SDev	.00144	.00013	.00022	.00005	.01916	.00002	.00029
%RSD	.31867	31.067	116.50	.37068	12.607	5.2771	20.739
#1	.45294	.00032	-.00034	.01401	.13843	.00042	.00160
#2	.45091	.00050	-.00003	.01409	.16553	.00039	.00119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00225	1.2635	.01256	.00076	-.00008	.04748	.15275
SDev	.00260	.0023	.00007	.00045	.00034	.00504	.00072
%RSD	115.41	.17861	.59845	58.723	416.77	10.603	.47034
#1	.00409	1.2650	.01261	.00108	-.00032	.05104	.15326
#2	.00041	1.2619	.01251	.00045	.00016	.04392	.15224

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.07568	.02180	.00131	-.00451	.00394	.00031
SDev	.00031	.21923	.00106	.00001	.00038	.00006	.00019
%RSD	1082.1	289.69	4.8594	.92263	8.5311	1.6596	60.484
#1	-.00025	-.23070	.02255	.00130	-.00424	.00398	.00018
#2	.00019	.07934	.02105	.00132	-.00478	.00389	.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.01694	.00106	.00157	-.00033	.00354
SDev	.00025	.00013	.00139	.00026	.00080	.00349
%RSD	29.213	.78567	131.89	16.663	241.87	98.732
#1	.00067	.01685	.00204	.00138	.00023	.00601
#2	.00102	.01703	.00007	.00175	-.00090	.00107

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39906	--	--	--	--	--	--
SDev	117.3797	--	--	--	--	--	--
%RSD	.2941406	--	--	--	--	--	--
#1	39823	--	--	--	--	--	--
#2	39989	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52643-a-2-a@10 Operator: DCL
Run Time: 03/28/12 14:48:25
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12840	-.00081	.00483	.00276	-.00078	-.00517	-.00019
SDev	.00043	.00058	.00003	.00010	.00001	.00006	.00011
%RSD	.33656	71.548	.65431	3.6722	1.1872	1.2380	55.049
#1	.12809	-.00040	.00485	.00269	-.00079	-.00522	-.00027
#2	.12870	-.00122	.00481	.00283	-.00077	-.00513	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49594	.00034	-.00024	.00615	.21158	.00045	.00167
SDev	.00142	.00000	.00030	.00028	.01219	.00002	.00047
%RSD	.28569	.00291	122.57	4.4772	5.7627	5.4001	27.808
#1	.49694	.00034	-.00046	.00596	.20296	.00043	.00134
#2	.49494	.00034	-.00003	.00635	.22020	.00046	.00200

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00530	1.4524	.01229	.00063	-.00027	.03476	.13835
SDev	.00142	.0059	.00000	.00072	.00048	.01001	.00010
%RSD	26.866	.40607	.00975	115.22	177.10	28.792	.07422
#1	.00630	1.4566	.01229	.00114	-.00062	.02768	.13828
#2	.00429	1.4482	.01229	.00012	.00007	.04183	.13843

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	-.10398	.01497	.00041	-.00415	.00367	.00027
SDev	.00061	.14113	.00118	.00001	.00170	.00022	.00017
%RSD	128.54	135.72	7.9078	1.1594	40.952	5.9515	65.574
#1	-.00091	-.20377	.01414	.00041	-.00536	.00383	.00014
#2	-.00004	-.00419	.01581	.00041	-.00295	.00352	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.05352	.00214	.00144	.00026	.00781
SDev	.00024	.00008	.00001	.00070	.00087	.00170
%RSD	29.083	.14979	.46306	48.846	333.79	21.722
#1	.00067	.05347	.00215	.00094	.00088	.00901
#2	.00102	.05358	.00213	.00193	-.00036	.00661

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40060	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0088257	--	--	--	--	--	--
#1	40062	--	--	--	--	--	--
#2	40057	--	--	--	--	--	--

Analysis Report 03/28/12 02:52:13 PM page 15

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Method: 20076010   Sample Name: 600-52643-a-3-a@10     Operator: DCL
Run Time: 03/28/12 14:52:16
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .14204    .00130    .00459    .02089    -.00079   -.00638   -.00018
 SDev    .00050    .00076    .00018    .00011     .00000    .00052    .00005
 %RSD    .35501    58.068    4.0338    .50138    .03541    8.1176    26.106

 #1      .14239    .00077    .00446    .02097    -.00079   -.00675   -.00014
 #2      .14168    .00184    .00472    .02082    -.00079   -.00602   -.00021

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .25598    .00044    -.00006   .00018    .18380    .00031    .00131
 SDev    .00059    .00013     .00008   .00001    .00627    .00002    .00074
 %RSD    .22931    29.749    146.09    4.1084    3.4093    7.5493    56.674

 #1      .25639    .00053    .00000    .00017    .18823    .00033    .00078
 #2      .25556    .00034    -.00011   .00018    .17937    .00030    .00183

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00309    1.6093    .00221    -.00027   -.00011   .06829    .16341
 SDev    .00084     .0060    .00001     .00045    .00003   .01405    .00167
 %RSD    27.237    .37232    .32286    169.49    25.626    20.579    1.0221

 #1      .00249    1.6136    .00221    -.00059   -.00012   .07823    .16459
 #2      .00368    1.6051    .00220    .00005    -.00009   .05836    .16223

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00030   -.01208   .01320    .00082    -.00304   .00543    .00031
 SDev     .00007    .09295   .00133    .00002     .00253   .00042    .00004
 %RSD    24.590    769.27    10.041    1.9944    83.274    7.7737    11.606

 #1      -.00035   .05364    .01414    .00083    -.00125   .00573    .00028
 #2      -.00025   -.07781   .01227    .00081    -.00483   .00513    .00033

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00080    .01260    .00181    .00105    .00081    .00423
 SDev    .00032    .00006    .00205    .00009    .00360    .00054
 %RSD    39.629    .45151    112.76    8.4038    442.40    12.690

 #1      .00102    .01256    .00037    .00099    -.00173   .00461
 #2      .00057    .01264    .00326    .00112    .00336    .00385


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39762     --        --        --        --        --        --

Analysis Report                          03/28/12 02:56:04 PM        page 16


 SDev    129.4005  --        --        --        --        --        --
 %RSD    .3254336  --        --        --        --        --        --
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#1	39671	--	--	--	--	--	--
#2	39854	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52643-a-4-a@10 Operator: DCL
Run Time: 03/28/12 14:56:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11604	.00072	.00519	.00773	-.00079	-.00561	-.00023
SDev	.00008	.00229	.00267	.00002	.00001	.00056	.00001
%RSD	.07011	319.45	51.454	.25982	.96984	9.9293	5.6082
#1	.11598	.00234	.00708	.00774	-.00079	-.00521	-.00024
#2	.11610	-.00090	.00330	.00772	-.00080	-.00600	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19503	.00050	-.00013	-.00082	.17653	.00045	.00028
SDev	.00029	.00016	.00014	.00025	.00157	.00002	.00005
%RSD	.15011	31.901	104.94	30.156	.88825	4.1997	15.774
#1	.19524	.00062	-.00003	-.00100	.17764	.00047	.00025
#2	.19483	.00039	-.00023	-.00065	.17543	.00044	.00032

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	1.3582	.00389	.00022	-.00014	.07152	.15707
SDev	.00238	.0043	.00006	.00130	.00044	.00171	.00232
%RSD	63.490	.31747	1.4388	590.55	306.46	2.3882	1.4744
#1	.00543	1.3613	.00393	.00114	-.00046	.07273	.15870
#2	.00207	1.3552	.00385	-.00070	.00017	.07031	.15543

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00915	.02409	.00053	-.00335	.00724	.00032
SDev	.00014	.00857	.00053	.00000	.00117	.00082	.00007
%RSD	320.18	93.673	2.1817	.30076	34.875	11.264	20.500
#1	.00006	.01521	.02446	.00053	-.00418	.00667	.00037
#2	-.00014	.00309	.02372	.00053	-.00253	.00782	.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.01211	.00143	-.00029	.00108	.00508
SDev	.00001	.00009	.00031	.00009	.00091	.00402
%RSD	1.6382	.76234	21.896	30.915	83.941	79.143
#1	.00076	.01205	.00121	-.00023	.00044	.00793
#2	.00074	.01218	.00165	-.00035	.00172	.00224

Analysis Report 03/28/12 02:59:55 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	39959	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0318524	--	--	--	--	--	--
#1	39968	--	--	--	--	--	--
#2	39950	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52658-a-1-d Operator: DCL
Run Time: 03/28/12 14:59:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	144.89	.00623	.06501	2.3170	.01031	.03897	-.00213
SDev	.08	.00207	.00135	.0006	.00001	.00019	.00011
%RSD	.05809	33.198	2.0816	.02443	.09003	.48576	5.0666
#1	144.83	.00477	.06405	2.3174	.01031	.03884	-.00206
#2	144.95	.00769	.06597	2.3166	.01030	.03911	-.00221

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	337.06	.24120	.09241	.38477	181.74	.10232	.22707
SDev	.18	.00019	.00033	.00012	.10	.00007	.00123
%RSD	.05235	.07881	.35884	.03094	.05617	.06782	.54316
#1	336.94	.24133	.09265	.38485	181.67	.10227	.22620
#2	337.19	.24106	.09218	.38468	181.82	.10237	.22794

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00731	38.017	3.7328	.01765	.19059	15.243	3.4076
SDev	.00144	.016	.0014	.00008	.00092	.009	.0055
%RSD	19.680	.04079	.03819	.47751	.48203	.05703	.16264
#1	-.00629	38.006	3.7318	.01771	.19124	15.249	3.4036
#2	-.00832	38.028	3.7338	.01759	.18994	15.237	3.4115

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	7.0596	7.3444	.62868	.00634	.03264	.30863
SDev	.00092	.0638	.0028	.00050	.00063	.00023	.00016
%RSD	46.562	.90402	.03879	.07936	9.8527	.70927	.05333
#1	-.00132	7.1047	7.3424	.62903	.00678	.03280	.30851
#2	-.00262	7.0145	7.3464	.62833	.00590	.03248	.30875

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36528	.91349	.20661	.23730	-.01686	-.00253
SDev	.00007	.00101	.00135	.00252	.00390	.00021
%RSD	.02066	.11037	.65161	1.0633	23.115	8.2434

Analysis Report 03/28/12 03:03:46 PM page 18

#1	.36523	.91278	.20756	.23551	-.01410	-.00238
#2	.36534	.91420	.20566	.23908	-.01961	-.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41161	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1305608	--	--	--	--	--	--
#1	41123	--	--	--	--	--	--
#2	41199	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52658-a-2-d Operator: DCL
Run Time: 03/28/12 15:03:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.16	.00575	.05277	2.4291	.01030	.02449	-.00424
SDev	.08	.00135	.00151	.0018	.00002	.00073	.00015
%RSD	.07079	23.386	2.8546	.07468	.17990	2.9783	3.4372
#1	118.10	.00480	.05171	2.4278	.01029	.02398	-.00414
#2	118.22	.00671	.05384	2.4304	.01031	.02501	-.00434

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	199.13	.15950	.08918	.19890	155.02	.09125	.18654
SDev	.34	.00004	.00047	.00067	.25	.00009	.00045
%RSD	.16835	.02452	.53202	.33565	.16111	.09709	.24287
#1	198.89	.15948	.08884	.19937	154.84	.09118	.18622
#2	199.36	.15953	.08951	.19843	155.20	.09131	.18686

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00453	35.396	2.8469	.00700	.15454	13.168	2.7771
SDev	.00162	.056	.0040	.00021	.00042	.001	.0008
%RSD	35.852	.15836	.13987	2.9598	.27207	.00982	.02839
#1	-.00568	35.357	2.8441	.00715	.15425	13.167	2.7765
#2	-.00338	35.436	2.8497	.00686	.15484	13.169	2.7776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	10.246	10.410	.56221	.00710	.03017	.24904
SDev	.00034	.095	.002	.00045	.00040	.00019	.00010
%RSD	17.773	.92647	.01979	.07999	5.6255	.62672	.04169
#1	-.00216	10.179	10.411	.56190	.00682	.03030	.24897
#2	-.00168	10.313	10.408	.56253	.00738	.03003	.24912

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/28/12 03:07:38 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34946	1.0230	.16801	.19581	-.00942	-.00208
SDev	.00000	.0011	.00013	.00074	.00006	.00240
%RSD	.00105	.10816	.07703	.38012	.65700	115.42
#1	.34946	1.0222	.16810	.19528	-.00946	-.00378
#2	.34945	1.0238	.16792	.19634	-.00937	-.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41776	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0524704	--	--	--	--	--	--
#1	41761	--	--	--	--	--	--
#2	41792	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52694-a-1-a@10 Operator: DCL
Run Time: 03/28/12 15:07:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59215	.01416	.02426	.01537	.00030	-.00422	.00290
SDev	.00825	.00057	.00043	.00018	.00000	.00024	.00013
%RSD	1.3935	4.0044	1.7850	1.1683	.71274	5.7500	4.6189
#1	.59799	.01456	.02457	.01550	.00030	-.00440	.00300
#2	.58632	.01376	.02395	.01525	.00030	-.00405	.00281

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2125	.04615	.00217	502.41	17.346	.00097	.70580
SDev	.0465	.00021	.00037	1.91	.122	.00001	.00591
%RSD	.89134	.44973	17.110	.38046	.70576	.48857	.83685
#1	5.2454	.04630	.00243	503.76	17.432	.00097	.70997
#2	5.1797	.04601	.00191	501.06	17.259	.00097	.70162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	2.7111	.13901	.01100	.14336	.46487	.26378
SDev	.00016	.0234	.00115	.00035	.00080	.00756	.00311
%RSD	25.443	.86356	.82515	3.2038	.55892	1.6266	1.1806
#1	-.00051	2.7277	.13982	.01125	.14393	.47022	.26599
#2	-.00074	2.6946	.13820	.01075	.14280	.45953	.26158

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05591	17.415	.14384	.00297	-.00111	.45018	.03350
SDev	.00072	.011	.00183	.00003	.00175	.00514	.00019
%RSD	1.2960	.06037	1.2704	1.0988	157.37	1.1421	.57404

#1	.05643	17.423	.14514	.00300	.00013	.45381	.03364
#2	.05540	17.408	.14255	.00295	-.00234	.44654	.03336

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00459	50.323	.65742	.72999	-.00782	.00297
SDev	.00012	.135	.00565	.00603	.00483	.00265
%RSD	2.6087	.26749	.85991	.82647	61.807	89.276
#1	.00450	50.418	.66141	.73425	-.01123	.00485

#2	.00467	50.228	.65342	.72572	-.00440	.00110

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38502	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.1983469	--	--	--	--	--	--
#1	38448	--	--	--	--	--	--
#2	38556	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52694-a-2-a@10 Operator: DCL
Run Time: 03/28/12 15:11:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07940	.00163	.00246	.00080	-.00082	.02414	-.00024
SDev	.00122	.00079	.00106	.00002	.00002	.00022	.00005
%RSD	1.5360	48.309	43.126	2.3390	2.0774	.92350	19.197
#1	.08026	.00219	.00171	.00081	-.00083	.02398	-.00028
#2	.07854	.00108	.00321	.00078	-.00081	.02430	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04804	.00059	-.00042	.07085	.03096	.00113	.00134
SDev	.00028	.00002	.00020	.03906	.00142	.00003	.00033
%RSD	.57258	2.6721	47.028	55.134	4.5760	2.2254	24.561
#1	.04824	.00058	-.00056	.09847	.02996	.00115	.00158
#2	.04785	.00060	-.00028	.04323	.03197	.00112	.00111

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	.02365	.00037	.00061	-.00029	.19056	-.00559
SDev	.00208	.00374	.00004	.00050	.00006	.01452	.00171
%RSD	80.216	15.820	10.658	81.799	19.815	7.6202	30.598
#1	.00406	.02630	.00040	.00097	-.00025	.20083	-.00438
#2	.00112	.02101	.00034	.00026	-.00033	.18029	-.00679

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 03/28/12 03:15:20 PM page 21

Avge	-.00039	.00987	.03116	.00021	-.00333	.00403	.00017
SDev	.00024	.01201	.00146	.00002	.00009	.00091	.00015
%RSD	61.665	121.63	4.6955	8.1148	2.5720	22.715	88.191
#1	-.00057	.00138	.03220	.00022	-.00327	.00338	.00028
#2	-.00022	.01837	.03013	.00020	-.00339	.00467	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.03975	.00198	.00102	-.00430	.00604
SDev	.00039	.01600	.00106	.00102	.00050	.00287
%RSD	67.375	40.269	53.292	99.913	11.514	47.542

#1	.00086	.05106	.00124	.00175	-.00395	.00807
#2	.00031	.02843	.00273	.00030	-.00465	.00401

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39140	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.1752388	--	--	--	--	--	--
#1	39092	--	--	--	--	--	--
#2	39189	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52645-c-4-a Operator: DCL
Run Time: 03/28/12 15:15:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	173.55	.98505	1.0840	2.2932	.44253	1.0641	.47853
SDev	.23	.00378	.0017	.0004	.00051	.0001	.00053
%RSD	.13331	.38360	.15626	.01759	.11624	.01077	.11030
#1	173.71	.98238	1.0828	2.2929	.44216	1.0641	.47815
#2	173.38	.98773	1.0852	2.2935	.44289	1.0640	.47890

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.589	1.1454	.91690	1.0008	388.04	1.0782	1.1577
SDev	.024	.0006	.00103	.0007	.03	.0011	.0013
%RSD	.07731	.05054	.11256	.06974	.00718	.10430	.11457
#1	30.572	1.1450	.91763	1.0013	388.02	1.0790	1.1567
#2	30.605	1.1458	.91617	1.0003	388.06	1.0774	1.1586

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89261	14.509	1.5696	.95581	1.0176	16.818	3.6087
SDev	.00228	.009	.0012	.00569	.0021	.002	.0036
%RSD	.25539	.06084	.07870	.59538	.20823	.01457	.10038
#1	.89422	14.503	1.5688	.95179	1.0191	16.816	3.6112

Analysis Report 03/28/12 03:19:11 PM page 22

#2	.89100	14.515	1.5705	.95984	1.0161	16.819	3.6061

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47084	48.932	47.071	1.3114	1.0285	.95537	1.3824
SDev	.00060	.229	.099	.0004	.0025	.00661	.0010
%RSD	.12644	.46823	.21048	.02758	.24778	.69230	.06993
#1	.47126	49.094	47.141	1.3111	1.0267	.96004	1.3817
#2	.47042	48.770	47.001	1.3116	1.0303	.95069	1.3831

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5563	1.0782	1.0735	1.1998	.84351	.91716

SDev	.0014	.0007	.0028	.0034	.00078	.00303
%RSD	.09208	.06376	.26300	.28348	.09271	.33020
#1	1.5553	1.0777	1.0755	1.1974	.84406	.91930
#2	1.5573	1.0787	1.0715	1.2022	.84295	.91502

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39812	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0603879	--	--	--	--	--	--
#1	39829	--	--	--	--	--	--
#2	39795	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52645-c-4-a@5 Operator: DCL
Run Time: 03/28/12 15:19:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.006	.00268	.03292	.27643	.00125	.01890	-.00301
SDev	.159	.00031	.00186	.00082	.00001	.00068	.00013
%RSD	.45339	11.436	5.6405	.29809	.37651	3.6218	4.3766
#1	35.118	.00247	.03161	.27701	.00125	.01939	-.00311
#2	34.893	.00290	.03423	.27584	.00124	.01842	-.00292

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6396	.05265	.00430	.01773	79.103	.01512	.04761
SDev	.0133	.00013	.00017	.00035	.173	.00011	.00034
%RSD	.28579	.23795	3.9513	1.9611	.21825	.72961	.72403
#1	4.6490	.05273	.00418	.01798	79.225	.01520	.04785
#2	4.6302	.05256	.00442	.01749	78.981	.01504	.04737

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	1.2597	.14152	.00358	.00912	1.2930	.58775

Analysis Report 03/28/12 03:23:02 PM page 23

SDev	.00208	.0033	.00040	.00183	.00014	.0029	.00260
%RSD	1144.8	.26498	.27891	51.229	1.5404	.22367	.44191
#1	.00165	1.2620	.14180	.00488	.00902	1.2951	.58959
#2	-.00129	1.2573	.14124	.00228	.00922	1.2910	.58591

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	7.5305	7.1353	.16988	.00509	.00604	.09435
SDev	.00020	.0157	.0425	.00043	.00254	.00055	.00029
%RSD	25.452	.20896	.59597	.25073	49.950	9.0704	.30613
#1	-.00091	7.5194	7.1654	.17018	.00689	.00643	.09456
#2	-.00063	7.5417	7.1053	.16958	.00329	.00565	.09415

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14002	.02851	.04154	.05064	-.01281	.00668
SDev	.00059	.00042	.00108	.00106	.00055	.00284
%RSD	.41934	1.4678	2.6044	2.0891	4.3242	42.561
#1	.14043	.02881	.04078	.05139	-.01242	.00869
#2	.13960	.02821	.04231	.04990	-.01321	.00467

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38547	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0146752	--	--	--	--	--	--
#1	38551	--	--	--	--	--	--
#2	38543	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 15:23:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4792	.52510	.51132	.52980	.47011	.51086	.53999
SDev	.0075	.00114	.00403	.00208	.00192	.00006	.00136
%RSD	.30449	.21791	.78882	.39190	.40877	.01170	.25088
#1	2.4846	.52591	.51417	.53127	.47147	.51091	.54095
#2	2.4739	.52429	.50847	.52834	.46876	.51082	.53903

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.493	.48219	.48211	.47477	2.6247	.49128	.50432
SDev	.045	.00167	.00157	.00096	.0072	.00124	.00087
%RSD	.35884	.34534	.32622	.20185	.27361	.25279	.17190
#1	12.524	.48336	.48323	.47544	2.6196	.49216	.50494

#2	12.461	.48101	.48100	.47409	2.6298	.49040	.50371

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49890	4.8727	.48734	.51387	.52288	13.125	.93294
SDev	.00081	.0203	.00158	.00169	.00194	.065	.00083
%RSD	.16238	.41727	.32456	.32786	.37187	.49905	.08944
#1	.49833	4.8871	.48846	.51268	.52425	13.171	.93353
#2	.49947	4.8584	.48622	.51506	.52150	13.078	.93235

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24793	12.818	12.586	.26616	.55412	.50063	.50960
SDev	.00006	.122	.015	.00099	.00077	.00256	.00154
%RSD	.02504	.95019	.11948	.37153	.13840	.51185	.30234
#1	.24789	12.732	12.596	.26686	.55358	.50244	.51069

#2	.24797	12.904	12.575	.26546	.55466	.49882	.50851

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49034	.52858	.46946	.52175	.47152	.51264
SDev	.00178	.00085	.00027	.00144	.00087	.00078
%RSD	.36244	.16080	.05796	.27531	.18417	.15230
#1	.49159	.52918	.46927	.52277	.47091	.51209
#2	.48908	.52798	.46966	.52074	.47214	.51319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38370	--	--	--	--	--	--
SDev	204.3539	--	--	--	--	--	--
%RSD	.5325946	--	--	--	--	--	--
#1	38225	--	--	--	--	--	--
#2	38514	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 15:26:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08430	.00330	.00284	.00023	-.00085	-.00526	-.00013
SDev	.00516	.00153	.00015	.00002	.00003	.00008	.00022
%RSD	6.1240	46.313	5.3050	7.7490	3.2161	1.4908	163.32
#1	.08795	.00438	.00273	.00024	-.00087	-.00520	-.00029
#2	.08065	.00222	.00295	.00022	-.00083	-.00532	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01234	.00097	-.00040	-.00119	-.01409	.00059	.00064
SDev	.00010	.00017	.00014	.00008	.00919	.00025	.00108
%RSD	.80471	17.531	33.569	6.7960	65.202	43.002	169.03
#1	-.01227	.00109	-.00050	-.00113	-.02058	.00077	.00140
#2	-.01241	.00085	-.00031	-.00124	-.00759	.00041	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.03843	.00016	.00210	-.00049	.27430	-.00512
SDev	.00022	.02015	.00002	.00109	.00001	.14284	.00083
%RSD	40.242	52.441	9.4869	52.092	2.1549	52.075	16.299
#1	.00070	.05267	.00015	.00287	-.00048	.37530	-.00453
#2	.00039	.02418	.00018	.00133	-.00050	.17329	-.00571

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.12320	.02233	.00012	.00209	-.00141	.00047
SDev	.00022	.11307	.01018	.00001	.00020	.00011	.00017

%RSD	56.270	91.775	45.563	4.1351	9.7292	8.0421	36.000
#1	-.00024	-.20315	.02953	.00011	.00223	-.00149	.00059
#2	-.00055	-.04325	.01514	.00012	.00194	-.00133	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00193	.00010	.00090	-.00638	.00401
SDev	.00003	.00001	.00049	.00136	.00109	.00088
%RSD	2.9866	.70163	493.69	151.07	17.100	21.820
#1	.00108	.00192	.00045	.00187	-.00715	.00463
#2	.00104	.00194	-.00025	-.00006	-.00561	.00339

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38864	--	--	--	--	--	--
SDev	1116.522	--	--	--	--	--	--
%RSD	2.872857	--	--	--	--	--	--
#1	38075	--	--	--	--	--	--
#2	39654	--	--	--	--	--	--

Analysis Report 03/28/12 05:35:49 PM page 1

Method: 20076010 Sample Name: 600-52143-b-2-e msd Operator: DCL
Run Time: 03/28/12 17:32:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.620	1.1674	1.1267	2.0865	.42971	1.3124	.57513
SDev	.082	.0004	.0012	.0140	.00018	.0039	.00170
%RSD	.70568	.03365	.10997	.67111	.04308	.29378	.29614
#1	11.678	1.1676	1.1259	2.0964	.42958	1.3152	.57392
#2	11.562	1.1671	1.1276	2.0766	.42984	1.3097	.57633

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2175.7	.90975	.93383	3.3627	32.956	.84310	.96188
SDev	24.3	.00039	.00038	.0279	.019	.00830	.01000
%RSD	1.1149	.04245	.04044	.83105	.05691	.98392	1.0399
#1	2158.6	.90948	.93409	3.3825	32.969	.84897	.95481
#2	2192.9	.91002	.93356	3.3430	32.942	.83724	.96895

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	1067.0	31.528	1.0370	.97285	42.442	12.877
SDev	.0148	4.5	.029	.0072	.00474	.109	.044
%RSD	1.4298	.42602	.09321	.69709	.48761	.25598	.33850
#1	1.0214	1063.8	31.507	1.0319	.97621	42.519	12.908
#2	1.0423	1070.3	31.548	1.0421	.96950	42.365	12.846

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.60387	2181.8	916.82	33.497	1.0878	1.0044	.98985
SDev	.00424	21.5	9.43	.035	.0077	.0002	.00388
%RSD	.70233	.98469	1.0290	.10539	.70682	.01688	.39168
#1	.60687	2197.0	923.49	33.472	1.0824	1.0043	.99259
#2	.60087	2166.6	910.15	33.522	1.0932	1.0046	.98711

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96865	1.1032	.90658	.98953	.99093	1.0523
SDev	.00079	.0008	.00843	.01079	.00831	.0180
%RSD	.08116	.06899	.92993	1.0902	.83909	1.7079
#1	.96920	1.1037	.90062	.98190	.98505	1.0396
#2	.96809	1.1026	.91254	.99716	.99681	1.0650

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30858	--	--	--	--	--	--
SDev	294.1564	--	--	--	--	--	--
%RSD	.9532582	--	--	--	--	--	--

#1	31066	--	--	--	--	--	--
#2	30650	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52143-b-2-b Operator: DCL
Run Time: 03/28/12 17:35:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.459	1.1559	1.1178	2.0799	.42161	1.3042	.57337
SDev	.099	.0095	.0075	.0171	.00277	.0114	.00447
%RSD	.86570	.82483	.67137	.82050	.65803	.87687	.78049
#1	11.530	1.1626	1.1231	2.0920	.42357	1.3123	.57654
#2	11.389	1.1492	1.1124	2.0679	.41965	1.2962	.57021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2196.0	.90512	.91791	3.3496	32.992	1.5065	.96406
SDev	15.1	.00620	.00706	.0280	.292	.0141	.01702
%RSD	.68824	.68455	.76898	.83726	.88431	.93626	1.7652
#1	2206.7	.90951	.92290	3.3694	33.198	1.5165	.97609
#2	2185.3	.90074	.91292	3.3298	32.786	1.4965	.95202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0267	1080.7	31.696	1.0068	.95071	42.156	12.937
SDev	.0158	7.8	.235	.0073	.00855	.364	.102
%RSD	1.5362	.72453	.74250	.72691	.89951	.86398	.79139
#1	1.0379	1086.3	31.862	1.0119	.95676	42.414	13.009
#2	1.0156	1075.2	31.529	1.0016	.94466	41.899	12.865

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59033	2188.3	913.39	33.534	1.0595	.98606	.97210
SDev	.00502	18.0	8.15	.258	.0061	.00797	.00731
%RSD	.84982	.82451	.89186	.76832	.57325	.80832	.75220
#1	.59388	2201.1	919.15	33.716	1.0638	.99170	.97727
#2	.58678	2175.6	907.63	33.352	1.0552	.98043	.96693

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95156	1.0963	.91684	.98767	.99850	1.0408
SDev	.00788	.0081	.00403	.02351	.01365	.0168
%RSD	.82829	.73568	.43927	2.3807	1.3667	1.6174
#1	.95714	1.1020	.91968	1.0043	1.0081	1.0527
#2	.94599	1.0906	.91399	.97104	.98885	1.0289

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 05:39:40 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30666	--	--	--	--	--	--
SDev	238.2950	--	--	--	--	--	--
%RSD	.7770784	--	--	--	--	--	--
#1	30497	--	--	--	--	--	--
#2	30834	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52143-b-2-b Operator: DCL
Run Time: 03/28/12 17:39:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09687	-.00019	.00542	.19713	-.00095	.03194	.02190
SDev	.00149	.00133	.00170	.00164	.00001	.00170	.00002
%RSD	1.5359	708.00	31.433	.83011	.83446	5.3384	.06895
#1	.09792	-.00113	.00421	.19829	-.00095	.03315	.02191
#2	.09582	.00075	.00662	.19597	-.00094	.03074	.02189

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	768.47	.00045	.00431	.42928	5.1713	.03600	.00138
SDev	6.63	.00038	.00040	.00377	.0346	.00041	.00026
%RSD	.86249	84.599	9.1670	.87809	.66931	1.1308	18.741
#1	773.15	.00072	.00403	.43194	5.1958	.03629	.00119
#2	763.78	.00018	.00459	.42661	5.1469	.03571	.00156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	216.77	6.8751	.00357	.00395	3.1437	2.2378
SDev	.00253	1.95	.0546	.00193	.00089	.0638	.0166
%RSD	313.04	.89973	.79360	54.176	22.392	2.0308	.74144

#1	-.00260	218.15	6.9136	.00493	.00333	3.1888	2.2495
#2	.00098	215.39	6.8365	.00220	.00458	3.0985	2.2261

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	386.05	282.95	5.0746	.00693	-.00131	-.00625
SDev	.00030	1.89	.90	.0319	.00105	.00028	.00012
%RSD	40.300	.48848	.31809	.62877	15.130	21.280	1.8520

#1	-.00096	387.38	283.59	5.0972	.00767	-.00151	-.00617
#2	-.00053	384.71	282.31	5.0521	.00619	-.00112	-.00633

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00397	-.00045	.00229	-.00441	.00099
SDev	.00001	.00010	.00152	.00038	.00452	.00154
%RSD	3.5036	2.5320	336.35	16.367	102.45	155.35

#1	-.00035	.00404	-.00153	.00256	-.00761	-.00010

#2	-.00037	.00390	.00062	.00203	-.00122	.00208

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35708	--	--	--	--	--	--
SDev	294.1564	--	--	--	--	--	--
%RSD	.8237830	--	--	--	--	--	--

#1	35500	--	--	--	--	--
#2	35916	--	--	--	--	--

Method: 20076010 Sample Name: 600-52330-c-1-a Operator: DCL
Run Time: 03/28/12 17:43:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36205	.00261	.00462	.10373	-.00080	.04782	.00018
SDev	.00039	.00136	.00045	.00032	.00000	.00067	.00007
%RSD	.10650	51.917	9.8289	.31330	.27647	1.4011	38.418

#1	.36232	.00165	.00430	.10396	-.00080	.04829	.00013
#2	.36177	.00357	.00494	.10350	-.00080	.04735	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.1601	.00375	.00053	.01092	.30619	.00681	.00187
SDev	.0820	.00033	.00003	.00037	.00551	.00009	.00051
%RSD	.89478	8.8037	5.4462	3.4122	1.8009	1.2450	27.370

#1	9.2181	.00399	.00055	.01118	.31009	.00687	.00151
#2	9.1021	.00352	.00051	.01065	.30229	.00675	.00224

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	1.2034	.01941	.00369	.00537	11.537	1.2546

SDev	.00048	.0199	.00048	.00030	.00032	.028	.0021
%RSD	14132.	1.6571	2.4924	8.1995	5.9202	.24086	.16885
#1	-.00035	1.2175	.01975	.00347	.00559	11.557	1.2561
#2	.00034	1.1893	.01907	.00390	.00515	11.518	1.2531

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	14.041	12.931	.03011	.00097	-.00126	.00833
SDev	.00007	.200	.010	.00036	.00093	.00024	.00000
%RSD	18.210	1.4236	.08119	1.1890	94.956	19.107	.00622
#1	-.00034	14.182	12.938	.03036	.00032	-.00109	.00833
#2	-.00045	13.900	12.923	.02986	.00163	-.00143	.00833

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00474	.32714	.00081	.00240	-.00589	.00294

SDev	.00041	.00110	.00171	.00009	.00213	.00034
%RSD	8.6298	.33730	210.80	3.5849	36.157	11.524
#1	.00503	.32793	-.00040	.00247	-.00740	.00318
#2	.00445	.32636	.00202	.00234	-.00439	.00270

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38193	--	--	--	--	--	--
SDev	127.2792	--	--	--	--	--	--
%RSD	.3332528	--	--	--	--	--	--
#1	38103	--	--	--	--	--	--
#2	38283	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52378-c-1-a Operator: DCL
Run Time: 03/28/12 17:47:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9121	.00330	.00239	.05216	-.00097	.15357	-.00014
SDev	.0004	.00106	.00082	.00005	.00000	.00140	.00007
%RSD	.01533	32.290	34.148	.08700	.17163	.91020	51.338
#1	2.9124	.00254	.00297	.05219	-.00097	.15455	-.00019
#2	2.9118	.00405	.00181	.05213	-.00097	.15258	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	137.45	.00133	.00078	.00360	.47908	.00911	.00960
SDev	.19	.00036	.00043	.00051	.00632	.00008	.00078
%RSD	.13736	27.305	55.393	14.121	1.3191	.91603	8.0888
#1	137.59	.00159	.00047	.00396	.47461	.00905	.00905
#2	137.32	.00107	.00108	.00324	.48355	.00917	.01014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	28.585	.11639	.00680	.01250	22.753	4.7066
SDev	.00145	.021	.00009	.00047	.00032	.007	.0011
%RSD	364.76	.07332	.08057	6.8458	2.5793	.03191	.02355
#1	-.00143	28.600	.11646	.00713	.01228	22.758	4.7074
#2	.00063	28.571	.11633	.00647	.01273	22.748	4.7058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	2017.0	903.65	.33671	.00216	.00371	.00425
SDev	.00062	6.0	11.29	.00029	.00083	.00049	.00009
%RSD	77.817	.29830	1.2489	.08633	38.605	13.122	2.0498
#1	-.00123	2021.3	911.63	.33692	.00275	.00405	.00419
#2	-.00036	2012.8	895.67	.33651	.00157	.00337	.00431

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00360	.09726	.00847	.01016	-.00063	-.00028
SDev	.00028	.00001	.00110	.00061	.00167	.00135
%RSD	7.6898	.00993	12.971	6.0548	265.83	473.85
#1	.00340	.09727	.00769	.00973	-.00181	-.00124
#2	.00379	.09725	.00924	.01060	.00055	.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35403	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1358169	--	--	--	--	--	--
#1	35369	--	--	--	--	--	--
#2	35437	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-1-a Operator: DCL
Run Time: 03/28/12 17:51:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7111	.00167	.00366	.05075	-.00069	.01944	-.00031
SDev	.0098	.00010	.00059	.00018	.00001	.00067	.00016
%RSD	.36148	6.1240	16.172	.35088	1.7197	3.4229	52.230
#1	2.7180	.00160	.00407	.05062	-.00068	.01897	-.00019
#2	2.7041	.00174	.00324	.05087	-.00070	.01991	-.00042

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.280	.00501	.00055	.00609	1.7532	.00322	.00272
SDev	.096	.00023	.00011	.00007	.0142	.00000	.00038
%RSD	.47389	4.5622	20.681	1.1148	.80720	.09230	13.794
#1	20.212	.00485	.00063	.00604	1.7431	.00322	.00246
#2	20.348	.00518	.00047	.00614	1.7632	.00323	.00299

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00339	3.0145	.03639	.00944	.00582	4.5151	8.4497
SDev	.00074	.0178	.00020	.00011	.00027	.0331	.0270
%RSD	21.814	.58982	.56057	1.1377	4.5662	.73296	.31945
#1	.00286	3.0019	.03624	.00951	.00563	4.4917	8.4688
#2	.00391	3.0270	.03653	.00936	.00601	4.5385	8.4306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	7.0657	6.7516	.10288	-.00154	.00097	.11335
SDev	.00025	.0411	.1062	.00024	.00309	.00048	.00125

%RSD	3238.7	.58163	1.5723	.23430	200.37	49.901	1.0983
#1	-.00017	7.0366	6.8267	.10271	.00064	.00063	.11247
#2	.00018	7.0947	6.6766	.10305	-.00373	.00131	.11423

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00640	.15750	.00353	.00232	-.00214	.00615
SDev	.00016	.00825	.00153	.00020	.00498	.00138
%RSD	2.5841	5.2345	43.326	8.7375	233.06	22.521
#1	.00628	.15167	.00245	.00246	-.00566	.00713
#2	.00652	.16333	.00462	.00217	.00139	.00517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38078	--	--	--	--	--	--
SDev	213.5462	--	--	--	--	--	--
%RSD	.5608127	--	--	--	--	--	--
#1	38229	--	--	--	--	--	--
#2	37927	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-2-a Operator: DCL
Run Time: 03/28/12 17:55:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6727	.00389	.00385	.03110	-.00071	.02613	-.00017
SDev	.0258	.00126	.00161	.00019	.00000	.00166	.00002
%RSD	1.5446	32.263	41.754	.60266	.14023	6.3428	9.5961
#1	1.6910	.00478	.00272	.03124	-.00071	.02730	-.00016
#2	1.6544	.00300	.00499	.03097	-.00071	.02495	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.189	.00358	.00073	.00461	1.1033	.00271	.00245
SDev	.099	.00018	.00014	.00044	.0152	.00009	.00073
%RSD	.39315	5.0073	19.638	9.5173	1.3818	3.4743	29.971

#1	25.259	.00370	.00083	.00492	1.1141	.00277	.00297
#2	25.118	.00345	.00063	.00430	1.0925	.00264	.00193

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	3.4366	.02241	.01369	.00934	5.8006	6.2319
SDev	.00124	.0221	.00010	.00080	.00002	.0344	.0615
%RSD	331.23	.64269	.42535	5.8732	.24612	.59354	.98653

#1	-.00050	3.4522	.02247	.01313	.00933	5.8250	6.2754
#2	.00125	3.4210	.02234	.01426	.00936	5.7763	6.1885

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	8.4526	8.1446	.08176	-.00276	-.00049	.36426
SDev	.00059	.0750	.0219	.00035	.00007	.00126	.00622
%RSD	616.28	.88754	.26880	.42440	2.4364	258.32	1.7072

#1	.00032	8.5057	8.1600	.08200	-.00271	.00040	.36865
#2	-.00052	8.3996	8.1291	.08151	-.00280	-.00138	.35986

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	.15554	.00240	.00248	-.00419	.00265
SDev	.00013	.00008	.00032	.00094	.00069	.00152
%RSD	2.7095	.04887	13.554	37.907	16.370	57.146

#1	.00456	.15559	.00263	.00314	-.00467	.00158
#2	.00474	.15548	.00217	.00181	-.00370	.00373

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38162	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.3372293	--	--	--	--	--	--

#1	38071	--	--	--	--	--	--
#2	38253	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-3-a Operator: DCL
Run Time: 03/28/12 17:59:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0562	.00244	.00526	.03968	-.00073	.01498	-.00021
SDev	.0184	.00030	.00237	.00010	.00001	.00059	.00006
%RSD	1.7424	12.445	45.111	.26118	.78348	3.9060	27.525

#1	1.0692	.00266	.00358	.03976	-.00073	.01539	-.00017
#2	1.0432	.00223	.00694	.03961	-.00072	.01456	-.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.056	.00213	-.00005	.00456	.59445	.00192	.00191
SDev	.057	.00013	.00023	.00017	.00154	.00006	.00039

%RSD	.28552	6.2729	445.98	3.6337	.25909	3.3040	20.358
#1	20.097	.00223	-.00021	.00444	.59554	.00196	.00164
#2	20.016	.00204	.00011	.00468	.59336	.00187	.00219

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	2.4092	.01406	.00639	.00164	4.4752	6.0383
SDev	.00003	.0056	.00007	.00081	.00040	.0196	.0669
%RSD	2.2147	.23421	.46934	12.749	24.616	.43752	1.1085

#1	.00124	2.4132	.01411	.00582	.00135	4.4891	6.0856
#2	.00120	2.4053	.01401	.00697	.00193	4.4614	5.9909

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	3.8198	3.5500	.06698	.00231	-.00101	.04822
SDev	.00027	.0100	.0070	.00025	.00066	.00008	.00028
%RSD	51.307	.26294	.19631	.37210	28.550	7.9544	.58708
#1	-.00072	3.8127	3.5549	.06716	.00278	-.00107	.04842
#2	-.00034	3.8269	3.5451	.06681	.00185	-.00095	.04802

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00342	.08676	.00065	.00255	-.00620	.00493
SDev	.00014	.00037	.00105	.00006	.00538	.00265
%RSD	4.0155	.42926	162.79	2.3032	86.790	53.741
#1	.00333	.08702	-.00010	.00251	-.00239	.00306
#2	.00352	.08650	.00139	.00259	-.01000	.00680

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38539	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0477043	--	--	--	--	--	--
#1	38526	--	--	--	--	--	--
#2	38552	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-4-a Operator: DCL
Run Time: 03/28/12 18:02:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44874	.00121	.00307	.02109	-.00075	.00428	-.00015
SDev	.00003	.00072	.00010	.00002	.00001	.00023	.00009
%RSD	.00567	59.346	3.2814	.08193	1.3899	5.3933	64.051
#1	.44872	.00172	.00299	.02110	-.00074	.00444	-.00022
#2	.44875	.00071	.00314	.02108	-.00076	.00411	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	8.7462	.00886	-.00015	.00258	.36177	.00207	.00190
SDev	.0200	.00023	.00003	.00032	.00399	.00005	.00028
%RSD	.22833	2.5682	18.351	12.405	1.1032	2.4787	14.501
#1	8.7604	.00870	-.00013	.00281	.36459	.00211	.00170
#2	8.7321	.00902	-.00017	.00235	.35895	.00204	.00209

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 06:06:40 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	1.1093	.03069	.00257	.00441	2.1030	1.5641
SDev	.00010	.0030	.00008	.00026	.00002	.0155	.0124
%RSD	12.882	.26752	.26196	10.301	.51611	.73878	.79582
#1	.00083	1.1114	.03075	.00238	.00442	2.1139	1.5729
#2	.00070	1.1072	.03063	.00276	.00439	2.0920	1.5553

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	8.5502	7.8992	.03890	-.00109	.00024	.03105
SDev	.00002	.1351	.0082	.00006	.00456	.00072	.00127
%RSD	13.414	1.5805	.10436	.16196	416.17	301.45	4.0749
#1	-.00016	8.6458	7.9051	.03894	-.00432	-.00027	.03016
#2	-.00020	8.4546	7.8934	.03885	.00213	.00075	.03194

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	.12945	.00145	.00212	-.00545	.00387
SDev	.00013	.00027	.00021	.00031	.00049	.00040
%RSD	6.3438	.20956	14.198	14.605	9.0859	10.211
#1	.00200	.12965	.00131	.00190	-.00580	.00415
#2	.00219	.12926	.00160	.00234	-.00510	.00359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38426	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0680857	--	--	--	--	--	--
#1	38408	--	--	--	--	--	--
#2	38445	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-a Operator: DCL
Run Time: 03/28/12 18:06:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61988	.00181	.00326	.03003	-.00058	.02274	-.00010
SDev	.00280	.00260	.00152	.00015	.00000	.00080	.00003
%RSD	.45235	143.62	46.644	.49507	.03890	3.5043	30.524
#1	.62187	-.00003	.00433	.03013	-.00058	.02331	-.00008
#2	.61790	.00365	.00218	.02992	-.00058	.02218	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	112.03	.00173	.03668	.00811	.39285	.00352	.00220
SDev	.34	.00034	.00021	.00040	.00787	.00001	.00076
%RSD	.30586	19.634	.58403	4.9687	2.0044	.33444	34.599

Analysis Report 03/28/12 06:10:31 PM page 11

#1	112.27	.00197	.03653	.00839	.38728	.00353	.00166
#2	111.79	.00149	.03683	.00782	.39842	.00352	.00274

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	2.1603	.03170	.52904	.02884	3.1444	1.8414
SDev	.00072	.0040	.00020	.00047	.00016	.0190	.0104
%RSD	71.878	.18291	.64240	.08931	.57207	.60344	.56678
#1	-.00151	2.1631	.03184	.52870	.02873	3.1578	1.8487
#2	-.00049	2.1575	.03155	.52937	.02896	3.1309	1.8340

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	5.9692	5.6078	.14935	.00115	-.00062	.00813
SDev	.00030	.0441	.0203	.00053	.00066	.00050	.00052
%RSD	92.438	.73874	.36279	.35323	56.859	80.606	6.3597
#1	.00011	6.0004	5.6221	.14972	.00162	-.00098	.00849
#2	.00053	5.9380	5.5934	.14897	.00069	-.00027	.00776

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	.12262	.00174	.00244	-.00333	.00017
SDev	.00001	.00015	.00246	.00008	.00288	.00036
%RSD	.22557	.12542	141.45	3.4666	86.361	217.17
#1	.00358	.12273	-.00000	.00250	-.00537	.00042
#2	.00359	.12251	.00347	.00238	-.00130	-.00009

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37994	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.1991352	--	--	--	--	--	--
#1	37941	--	--	--	--	--	--
#2	38048	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 18:10:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4831	.52589	.50802	.52600	.46959	.50656	.53644
SDev	.0018	.00498	.00349	.00382	.00500	.00366	.00600
%RSD	.07257	.94623	.68788	.72700	1.0657	.72287	1.1178

#1	2.4844	.52941	.51049	.52871	.47313	.50915	.54068
#2	2.4818	.52238	.50555	.52330	.46605	.50397	.53220

Analysis Report 03/28/12 06:14:22 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.456	.48319	.48635	.47753	2.6156	.48697	.50586
SDev	.127	.00447	.00510	.00165	.0431	.00248	.00828
%RSD	1.0177	.92561	1.0492	.34567	1.6493	.50921	1.6377
#1	12.546	.48635	.48996	.47869	2.6461	.48872	.51172
#2	12.367	.48003	.48274	.47636	2.5851	.48522	.50000

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50111	4.8738	.48875	.51138	.53389	12.919	.93750
SDev	.00604	.0624	.00435	.00231	.00770	.151	.00736
%RSD	1.2043	1.2799	.89058	.45182	1.4429	1.1702	.78500
#1	.50538	4.9179	.49183	.51301	.53933	13.026	.94271
#2	.49684	4.8297	.48568	.50974	.52844	12.812	.93230

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24762	12.756	12.529	.26482	.55306	.50345	.50727
SDev	.00274	.146	.005	.00224	.00356	.00687	.00462
%RSD	1.1081	1.1472	.03693	.84751	.64433	1.3640	.91116
#1	.24956	12.860	12.532	.26640	.55054	.50830	.51053
#2	.24568	12.653	12.525	.26323	.55558	.49859	.50400

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49163	.52751	.48003	.51877	.47959	.51193
SDev	.00490	.00485	.00777	.00854	.00628	.00592
%RSD	.99686	.91929	1.6178	1.6469	1.3086	1.1554
#1	.49509	.53094	.48552	.52482	.48403	.51611
#2	.48816	.52408	.47454	.51273	.47515	.50774

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38525	--	--	--	--	--	--
SDev	469.5189	--	--	--	--	--	--
%RSD	1.218738	--	--	--	--	--	--
#1	38193	--	--	--	--	--	--
#2	38857	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 18:14:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.06949	.00157	.00322	.00009	-.00070	-.00780	-.00029
SDev	.00165	.00121	.00067	.00010	.00002	.00015	.00018

%RSD	2.3791	77.163	20.849	109.88	2.9985	1.9817	63.228
#1	.07066	.00242	.00275	.00015	-.00068	-.00769	-.00016
#2	.06832	.00071	.00370	.00002	-.00071	-.00790	-.00042

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01022	.00031	-.00083	-.00244	-.02814	.00050	-.00033
SDev	.00086	.00048	.00039	.00035	.02343	.00013	.00038
%RSD	8.4054	152.54	46.283	14.455	83.241	25.886	114.13
#1	-.00961	.00065	-.00056	-.00219	-.01158	.00059	-.00006
#2	-.01083	-.00002	-.00111	-.00269	-.04471	.00041	-.00060

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.02435	.00008	.00259	-.00064	.19359	-.00758
SDev	.00073	.00715	.00006	.00099	.00040	.04679	.00015
%RSD	137.76	29.373	71.853	38.238	61.415	24.167	1.9594
#1	.00001	.02941	.00012	.00329	-.00036	.22667	-.00748
#2	.00104	.01929	.00004	.00189	-.00092	.16051	-.00769

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	-.23474	.03274	.00004	.00073	-.00103	.00026
SDev	.00038	.14012	.00534	.00003	.00237	.00107	.00013
%RSD	36.542	59.694	16.321	82.610	324.36	103.51	50.916
#1	-.00078	-.13565	.03652	.00006	.00240	-.00028	.00035
#2	-.00132	-.33382	.02897	.00002	-.00094	-.00179	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00028	-.00014	-.00042	-.00300	.00229
SDev	.00014	.00002	.00262	.00187	.00166	.00026
%RSD	42.433	7.5886	1848.4	441.85	55.524	11.185
#1	.00043	.00027	-.00199	.00090	-.00418	.00211
#2	.00023	.00030	.00171	-.00175	-.00182	.00247

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39004	--	--	--	--	--	--
SDev	152.0280	--	--	--	--	--	--
%RSD	.3897803	--	--	--	--	--	--
#1	38896	--	--	--	--	--	--
#2	39111	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-b du Operator: DCL
Run Time: 03/28/12 18:18:16
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76277	.00176	.00364	.03142	-.00052	.02348	-.00018
SDev	.00566	.00085	.00020	.00001	.00001	.00028	.00005
%RSD	.74268	48.568	5.3989	.04342	1.9139	1.1740	29.017
#1	.76677	.00115	.00378	.03142	-.00051	.02329	-.00022
#2	.75876	.00236	.00350	.03141	-.00053	.02368	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.02	.00178	.03706	.01424	.46625	.00359	.00225
SDev	.09	.00011	.00022	.00064	.01019	.00001	.00076
%RSD	.08255	5.9209	.58151	4.4641	2.1849	.40161	33.837
#1	113.95	.00170	.03691	.01469	.47345	.00358	.00279
#2	114.08	.00185	.03721	.01379	.45904	.00360	.00172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	2.2020	.03252	.54293	.02938	3.1900	2.1294
SDev	.00252	.0025	.00007	.00172	.00040	.0025	.0096
%RSD	657.99	.11570	.21576	.31731	1.3690	.07856	.45022
#1	.00217	2.2002	.03257	.54171	.02910	3.1882	2.1362
#2	-.00140	2.2038	.03247	.54415	.02966	3.1917	2.1226

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	5.9605	5.6942	.15198	-.00057	-.00125	.01346
SDev	.00020	.1237	.0220	.00013	.00316	.00039	.00002
%RSD	52.926	2.0761	.38693	.08397	557.39	31.182	.16631
#1	-.00024	6.0480	5.7097	.15189	.00167	-.00153	.01344
#2	-.00052	5.8730	5.6786	.15207	-.00280	-.00098	.01347

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00349	.12877	.00284	.00196	-.00345	.00230
SDev	.00006	.00008	.00002	.00115	.00143	.00307
%RSD	1.5876	.06431	.77145	58.887	41.555	133.39
#1	.00353	.12871	.00282	.00278	-.00244	.00447
#2	.00345	.12883	.00286	.00115	-.00446	.00013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38108	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.2764781	--	--	--	--	--	--
#1	38182	--	--	--	--	--	--
#2	38033	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-c ms Operator: DCL
Run Time: 03/28/12 18:22:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.072	1.1199	1.0782	1.1404	.49388	1.1370	.55110
SDev	.043	.0048	.0014	.0035	.00108	.0015	.00155
%RSD	.38907	.42954	.12880	.31068	.21860	.12944	.28201
#1	11.102	1.1233	1.0792	1.1429	.49464	1.1380	.55220
#2	11.041	1.1165	1.0772	1.1379	.49311	1.1360	.55001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.64	1.0112	1.0611	1.0127	11.289	.54182	1.0514
SDev	.37	.0028	.0034	.0032	.028	.00247	.0028
%RSD	.30049	.27806	.31686	.31837	.25151	.45587	.26805
#1	121.90	1.0132	1.0635	1.0150	11.309	.54356	1.0534
#2	121.39	1.0092	1.0588	1.0104	11.269	.54007	1.0494

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0328	12.366	1.0718	1.6304	1.1405	14.740	3.2773
SDev	.0020	.028	.0029	.0006	.0054	.086	.0200
%RSD	.19295	.22947	.27396	.03390	.47251	.58240	.61037
#1	1.0343	12.386	1.0739	1.6308	1.1443	14.800	3.2914
#2	1.0314	12.346	1.0697	1.6300	1.1366	14.679	3.2631

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52895	16.729	17.022	.70763	1.1504	1.0540	1.0732
SDev	.00142	.127	.090	.00248	.0009	.0035	.0043
%RSD	.26868	.75704	.52786	.35057	.08020	.33593	.39733
#1	.52995	16.819	17.086	.70939	1.1510	1.0565	1.0763
#2	.52794	16.640	16.958	.70588	1.1497	1.0515	1.0702

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0391	1.2214	.99922	1.0775	.99628	1.0511
SDev	.0029	.0034	.00258	.0029	.00853	.0013
%RSD	.28311	.27663	.25822	.27260	.85659	.12154
#1	1.0412	1.2238	1.0010	1.0796	1.0023	1.0502
#2	1.0371	1.2191	.99739	1.0754	.99024	1.0520

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37752	--	--	--	--	--	--

Analysis Report 03/28/12 06:25:55 PM page 16

SDev	187.3833	--	--	--	--	--	--
%RSD	.4963599	--	--	--	--	--	--
#1	37619	--	--	--	--	--	--
#2	37884	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-d msd Operator: DCL
Run Time: 03/28/12 18:25:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.993	1.1064	1.0723	1.1302	.49086	1.1213	.54591
SDev	.067	.0062	.0040	.0045	.00166	.0040	.00205
%RSD	.60607	.56218	.37151	.39570	.33710	.35881	.37534
#1	11.040	1.1108	1.0751	1.1334	.49203	1.1241	.54736
#2	10.946	1.1020	1.0695	1.1270	.48969	1.1184	.54446

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.29	1.0023	1.0517	1.0048	11.180	.53684	1.0454
SDev	.48	.0030	.0053	.0037	.055	.00239	.0038
%RSD	.39593	.30291	.50351	.36765	.49521	.44543	.36709
#1	120.62	1.0044	1.0555	1.0074	11.219	.53853	1.0481
#2	119.95	1.0001	1.0480	1.0022	11.141	.53515	1.0427

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0309	12.242	1.0618	1.6117	1.1231	14.596	3.2895
SDev	.0010	.055	.0041	.0091	.0025	.071	.0310
%RSD	.09444	.45202	.38658	.56340	.22582	.48959	.94239
#1	1.0316	12.281	1.0647	1.6182	1.1249	14.647	3.3114
#2	1.0302	12.203	1.0589	1.6053	1.1213	14.545	3.2676

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52463	16.606	16.856	.69977	1.1479	1.0403	1.0620
SDev	.00230	.133	.097	.00221	.0022	.0042	.0046
%RSD	.43768	.80127	.57619	.31527	.18733	.40267	.42874
#1	.52625	16.700	16.925	.70133	1.1463	1.0433	1.0653
#2	.52300	16.511	16.788	.69821	1.1494	1.0373	1.0588

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0293	1.2105	.99073	1.0727	.98907	1.0519
SDev	.0037	.0047	.00151	.0050	.00011	.0015
%RSD	.36346	.38687	.15234	.46625	.01060	.14383
#1	1.0320	1.2138	.99180	1.0763	.98900	1.0529
#2	1.0267	1.2071	.98966	1.0692	.98915	1.0508

Analysis Report 03/28/12 06:29:46 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37998	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.1767883	--	--	--	--	--	--
#1	37950	--	--	--	--	--	--
#2	38045	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-2-a Operator: DCL
Run Time: 03/28/12 18:29:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3534	.00223	.01493	.03946	-.00047	.07722	.00027
SDev	.0253	.00086	.00237	.00036	.00001	.00158	.00006
%RSD	1.0745	38.469	15.862	.91518	1.3024	2.0503	20.147
#1	2.3713	.00284	.01661	.03972	-.00047	.07834	.00031
#2	2.3356	.00162	.01326	.03921	-.00048	.07610	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.80	.00276	.02619	.00827	.67434	.01013	.00332
SDev	.62	.00006	.00015	.00050	.00491	.00011	.00054
%RSD	.57192	2.0607	.57928	6.0136	.72812	1.1162	16.150
#1	109.24	.00280	.02629	.00862	.67782	.01021	.00370
#2	108.36	.00272	.02608	.00792	.67087	.01005	.00294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00353	2.1132	.02509	.86572	.02326	2.9685	4.2323
SDev	.00068	.0151	.00018	.00517	.00012	.0305	.0461
%RSD	19.335	.71662	.73413	.59696	.49642	1.0273	1.0899
#1	.00401	2.1239	.02522	.86937	.02318	2.9901	4.2649
#2	.00305	2.1025	.02496	.86206	.02335	2.9470	4.1997

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	43.798	40.346	.17407	.00675	-.00102	.05014
SDev	.00012	.215	.221	.00097	.00178	.00015	.00141
%RSD	42.095	.49186	.54881	.55502	26.390	14.453	2.8141
#1	-.00020	43.951	40.503	.17475	.00801	-.00092	.05114
#2	-.00038	43.646	40.190	.17339	.00549	-.00113	.04914

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00517	.69206	.00303	.00347	-.00488	.00773
SDev	.00024	.00382	.00094	.00128	.00257	.00026
%RSD	4.6347	.55158	31.176	36.829	52.668	3.3664

Analysis Report 03/28/12 06:33:37 PM page 18

#1	.00534	.69476	.00236	.00437	-.00306	.00755
#2	.00500	.68936	.00370	.00256	-.00669	.00792

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38092	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.2561712	--	--	--	--	--	--
#1	38023	--	--	--	--	--	--
#2	38161	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52437-b-1-a Operator: DCL
Run Time: 03/28/12 18:33:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86829	.00006	.00473	.00929	-.00069	.00310	-.00020
SDev	.00699	.00194	.00137	.00002	.00001	.00063	.00001
%RSD	.80468	3460.8	29.003	.18364	1.3764	20.444	4.5312
#1	.87323	.00143	.00376	.00928	-.00069	.00354	-.00019
#2	.86335	-.00131	.00570	.00930	-.00070	.00265	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0553	.00128	.00001	.00262	.62034	.00160	.00523
SDev	.0135	.00002	.00014	.00051	.00257	.00003	.00121
%RSD	.26613	1.3244	1867.7	19.538	.41486	1.6387	23.158
#1	5.0648	.00127	.00011	.00298	.62216	.00162	.00609
#2	5.0458	.00129	-.00009	.00226	.61852	.00158	.00437

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.44806	.01969	.00413	.00067	1.6346	1.7830
SDev	.00275	.00034	.00003	.00171	.00006	.0124	.0136
%RSD	214.92	.07505	.12674	41.400	8.9987	.76160	.76340
#1	-.00066	.44830	.01967	.00533	.00062	1.6434	1.7927
#2	.00322	.44782	.01971	.00292	.00071	1.6258	1.7734

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	4.6440	4.3443	.01201	.00102	.00012	.01164
SDev	.00002	.0453	.0085	.00001	.00111	.00050	.00076
%RSD	9.8730	.97586	.19468	.10156	109.02	421.77	6.5717
#1	-.00023	4.6120	4.3503	.01202	.00181	.00047	.01218
#2	-.00027	4.6761	4.3383	.01200	.00023	-.00023	.01110

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/28/12 06:37:28 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	.08493	.00471	.00549	-.00583	.00483
SDev	.00018	.00017	.00060	.00152	.00071	.00377
%RSD	7.4547	.20181	12.619	27.682	12.232	77.870
#1	.00231	.08481	.00513	.00656	-.00634	.00217

#2	.00257	.08505	.00429	.00441	-.00533	.00750

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38389	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0257873	--	--	--	--	--	--
#1	38396	--	--	--	--	--	--
#2	38382	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52530-a-2-a Operator: DCL
Run Time: 03/28/12 18:37:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9355	.00560	.00512	.08629	-.00064	.24168	.00016
SDev	.0053	.00031	.00112	.00007	.00001	.00154	.00018
%RSD	.17953	5.5089	21.928	.07982	2.2483	.63866	115.38
#1	2.9392	.00581	.00433	.08633	-.00063	.24277	.00003
#2	2.9318	.00538	.00592	.08624	-.00065	.24058	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.912	.00884	.00181	.03256	3.6933	.01689	.08668
SDev	.130	.00006	.00050	.00019	.0102	.00010	.00062
%RSD	.23270	.64198	27.672	.57038	.27551	.58838	.71463
#1	56.004	.00880	.00145	.03243	3.6862	.01696	.08624
#2	55.820	.00888	.00216	.03269	3.7005	.01682	.08712

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	2.3568	.10867	.00877	.00926	21.084	7.7779
SDev	.00444	.0033	.00009	.00001	.00089	.057	.0107
%RSD	246.60	.14169	.08522	.09549	9.5844	.27000	.13734
#1	.00494	2.3592	.10874	.00878	.00863	21.124	7.7854
#2	-.00134	2.3545	.10861	.00877	.00988	21.044	7.7703

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	33.520	31.223	.15776	.00092	.00947	.05695
SDev	.00070	.038	.084	.00021	.00218	.00007	.00006
%RSD	206.92	.11362	.26769	.13620	237.74	.72593	.10094

#1	-.00016	33.493	31.282	.15791	.00245	.00943	.05691
#2	.00084	33.547	31.164	.15760	-.00062	.00952	.05699

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00876	.47193	.08327	.08839	-.00378	.00459
SDev	.00020	.00043	.00168	.00009	.00290	.00521
%RSD	2.3156	.09178	2.0202	.09966	76.775	113.36

#1	.00891	.47223	.08208	.08833	-.00173	.00827
#2	.00862	.47162	.08446	.08845	-.00584	.00091

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39044	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1032312	--	--	--	--	--	--
#1	39015	--	--	--	--	--	--
#2	39072	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52550-d-1-a@50 Operator: DCL
Run Time: 03/28/12 18:41:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07280	.00154	.00260	.00135	-.00072	-.00600	-.00019
SDev	.00358	.00095	.00059	.00006	.00000	.00051	.00015
%RSD	4.9112	61.316	22.687	4.8578	.10429	8.5054	80.119
#1	.07027	.00087	.00218	.00130	-.00072	-.00636	-.00008
#2	.07533	.00221	.00301	.00139	-.00072	-.00564	-.00030

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1419	.00030	.00009	-.00219	.07954	.00072	.00088
SDev	.0080	.00047	.00003	.00040	.00703	.00001	.00015
%RSD	.70383	154.78	31.506	18.370	8.8325	1.7894	17.392
#1	1.1476	-.00003	.00007	-.00247	.08451	.00071	.00077
#2	1.1362	.00063	.00011	-.00190	.07458	.00073	.00099

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.16518	.00187	.00089	-.00007	11.046	.06068
SDev	.00145	.00002	.00006	.00113	.00024	.061	.00216
%RSD	144.54	.01336	3.2552	126.50	336.06	.55368	3.5643
#1	.00203	.16517	.00183	.00169	.00010	11.089	.05916
#2	-.00002	.16520	.00192	.00009	-.00024	11.003	.06221

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 03/28/12 06:45:10 PM page 21

Avge	.00005	40.735	36.948	.00683	.00036	.00020	.00028
SDev	.00025	.155	.243	.00001	.00143	.00064	.00016
%RSD	535.82	.37938	.65894	.18774	396.88	320.39	55.429
#1	.00022	40.844	37.120	.00682	-.00065	.00065	.00017
#2	-.00013	40.625	36.776	.00684	.00137	-.00025	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00649	.00265	.00000	-.00408	.00355

SDev	.00051	.00013	.00399	.00176	.00278	.00357
%RSD	235.19	2.0404	150.71	103070.	68.202	100.64
#1	-.00014	.00640	-.00017	.00125	-.00605	.00608
#2	.00058	.00659	.00546	-.00124	-.00211	.00102

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38504	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0826413	--	--	--	--	--	--
#1	38526	--	--	--	--	--	--
#2	38481	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52554-c-12-a Operator: DCL
Run Time: 03/28/12 18:45:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1286	.00226	.00745	.02641	-.00060	.01824	-.00015
SDev	.0163	.00165	.00014	.00014	.00000	.00071	.00014
%RSD	1.4473	73.026	1.8375	.54084	.13243	3.9120	92.595
#1	1.1401	.00343	.00755	.02651	-.00060	.01875	-.00025
#2	1.1170	.00109	.00736	.02631	-.00060	.01774	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.901	.00309	.00019	.01248	.66435	.00217	.00145
SDev	.086	.00019	.00023	.00022	.00785	.00003	.00059
%RSD	.41121	6.0712	121.83	1.7704	1.1815	1.5100	40.195
#1	20.962	.00322	.00035	.01263	.66990	.00220	.00187
#2	20.841	.00296	.00003	.01232	.65880	.00215	.00104

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	1.8824	.02658	.01674	.00362	3.0976	3.9239
SDev	.00099	.0108	.00011	.00021	.00064	.0218	.0230
%RSD	44.577	.57405	.40536	1.2307	17.828	.70481	.58709
#1	.00291	1.8901	.02666	.01660	.00316	3.1131	3.9402

Analysis Report 03/28/12 06:49:01 PM page 22

#2	.00152	1.8748	.02651	.01689	.00408	3.0822	3.9076

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	6.1783	5.6762	.05523	-.00053	-.00009	.02302
SDev	.00012	.0323	.0310	.00029	.00099	.00047	.00236
%RSD	1161.7	.52211	.54557	.53252	187.53	539.06	10.259
#1	-.00010	6.1555	5.6981	.05544	.00017	.00025	.02469
#2	.00008	6.2011	5.6543	.05502	-.00123	-.00042	.02135

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01356	.11745	.00096	.00170	-.00655	.00659
SDev	.00012	.00004	.00061	.00057	.00051	.00122
%RSD	.88829	.03669	63.660	33.598	7.8184	18.572
#1	.01348	.11748	.00139	.00211	-.00618	.00746
#2	.01365	.11742	.00053	.00130	-.00691	.00573

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38192	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1055314	--	--	--	--	--	--
#1	38164	--	--	--	--	--	--
#2	38221	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52554-d-13-a Operator: DCL
Run Time: 03/28/12 18:49:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53078	.00512	.02128	.15258	-.00078	.33059	.00068
SDev	.00217	.00062	.00322	.00031	.00000	.00111	.00006
%RSD	.40951	12.028	15.108	.20368	.33071	.33469	9.1852
#1	.53231	.00556	.02356	.15236	-.00078	.32981	.00064
#2	.52924	.00468	.01901	.15280	-.00078	.33138	.00073

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.79	.01287	.00064	.02806	.81198	.02554	.00632
SDev	.13	.00012	.00012	.00066	.00218	.00009	.00035
%RSD	.11411	.89958	18.545	2.3654	.26892	.34579	5.6115
#1	113.70	.01278	.00055	.02853	.81352	.02548	.00657
#2	113.88	.01295	.00072	.02759	.81043	.02561	.00607

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	11.731	.03728	.01591	.04316	29.318	6.8429

Analysis Report 03/28/12 06:52:53 PM page 23

SDev	.00212	.023	.00024	.00104	.00011	.015	.0124
%RSD	92.141	.19854	.64425	6.5377	.26245	.04970	.18153
#1	.00381	11.715	.03711	.01518	.04308	29.328	6.8341
#2	.00080	11.748	.03745	.01665	.04324	29.308	6.8517

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	782.22	473.18	.88830	.00081	-.00039	.00984
SDev	.00023	1.01	3.16	.00074	.00083	.00079	.00070
%RSD	375.80	.12863	.66831	.08331	103.30	202.12	7.1028
#1	-.00023	781.51	475.42	.88778	.00022	.00017	.01033
#2	.00010	782.93	470.95	.88882	.00139	-.00095	.00934

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01782	.79405	.00584	.00656	-.00201	.00446
SDev	.00030	.00098	.00049	.00078	.00292	.00172
%RSD	1.6786	.12314	8.4389	11.866	145.06	38.628
#1	.01803	.79336	.00549	.00711	.00005	.00568
#2	.01761	.79474	.00618	.00601	-.00408	.00324

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36640	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.1910552	--	--	--	--	--	--
#1	36591	--	--	--	--	--	--
#2	36690	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52562-b-2-a Operator: DCL
Run Time: 03/28/12 18:52:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72350	.00882	.00469	.17267	-.00087	.31750	.00044
SDev	.00275	.00141	.00272	.00028	.00001	.00092	.00006
%RSD	.38014	15.975	58.116	.16236	1.3790	.28894	12.830
#1	.72545	.00982	.00662	.17287	-.00088	.31815	.00048
#2	.72156	.00783	.00276	.17247	-.00086	.31685	.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	471.91	.41354	.00075	.00332	.05283	.02760	.00085
SDev	1.21	.00115	.00009	.00022	.00881	.00001	.00054
%RSD	.25572	.27871	12.236	6.6139	16.674	.04665	63.275
#1	472.77	.41436	.00082	.00316	.05905	.02761	.00123

#2	471.06	.41273	.00069	.00347	.04660	.02759	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	2.9077	.01683	1.4070	.05649	140.90	6.5865
SDev	.00027	.0090	.00007	.0023	.00016	.39	.0132
%RSD	5.7168	.30879	.39181	.16596	.28976	.27681	.20105
#1	.00492	2.9141	.01688	1.4054	.05660	141.18	6.5959
#2	.00453	2.9014	.01678	1.4087	.05637	140.62	6.5772

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	600.61	392.76	1.4021	.00348	.00097	-.00274
SDev	.00010	1.85	1.42	.0026	.00426	.00013	.00001
%RSD	64.613	.30880	.36191	.18444	122.43	13.835	.44210

#1	-.00009	601.93	393.76	1.4039	.00649	.00106	-.00273
#2	-.00023	599.30	391.75	1.4002	.00047	.00087	-.00274

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	.33272	.00070	.00092	.00102	.00657
SDev	.00017	.00037	.00230	.00035	.00083	.00001
%RSD	2.9026	.11153	326.99	37.914	80.937	.19057
#1	.00589	.33298	.00233	.00067	.00160	.00656
#2	.00565	.33246	-.00092	.00116	.00044	.00658

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35900	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2659074	--	--	--	--	--	--
#1	35832	--	--	--	--	--	--
#2	35967	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 18:56:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4780	.52463	.50537	.52377	.47304	.50581	.53336
SDev	.0200	.00050	.00277	.00204	.00045	.00194	.00065
%RSD	.80870	.09507	.54801	.39004	.09598	.38277	.12123
#1	2.4922	.52499	.50733	.52521	.47336	.50717	.53381
#2	2.4638	.52428	.50342	.52232	.47272	.50444	.53290

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.486	.48409	.48762	.48112	2.6164	.48428	.50520
SDev	.040	.00115	.00209	.00287	.0087	.00316	.00058
%RSD	.32260	.23823	.42770	.59560	.33138	.65319	.11466
#1	12.515	.48491	.48910	.48314	2.6226	.48652	.50561
#2	12.458	.48327	.48615	.47909	2.6103	.48204	.50479

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50211	4.8759	.48946	.51314	.53156	12.833	.93595
SDev	.00125	.0018	.00151	.00225	.00136	.006	.00736
%RSD	.24793	.03664	.30781	.43868	.25519	.04811	.78605
#1	.50299	4.8772	.49052	.51473	.53252	12.837	.94115
#2	.50123	4.8747	.48839	.51154	.53060	12.829	.93075

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.24838	12.911	12.512	.26353	.54752	.50602	.50671
SDev	.00151	.209	.157	.00088	.00685	.00025	.00153
%RSD	.60591	1.6156	1.2567	.33348	1.2501	.04911	.30286
#1	.24945	13.058	12.623	.26416	.54268	.50585	.50780
#2	.24732	12.763	12.401	.26291	.55236	.50620	.50563

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49233	.52638	.47996	.51782	.48147	.51249
SDev	.00098	.00137	.00195	.00011	.00467	.00047
%RSD	.19815	.26089	.40677	.02071	.97085	.09166
#1	.49302	.52735	.48134	.51774	.48478	.51215
#2	.49164	.52540	.47858	.51789	.47817	.51282

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38846	--	--	--	--	--	--
SDev	271.5290	--	--	--	--	--	--
%RSD	.6989883	--	--	--	--	--	--
#1	39038	--	--	--	--	--	--
#2	38654	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 19:00:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05976	-.00015	.00279	.00005	-.00065	-.00782	-.00020
SDev	.00582	.00385	.00136	.00017	.00004	.00151	.00003
%RSD	9.7387	2515.3	48.720	354.42	5.8417	19.253	13.240

#1	.06388	.00257	.00375	.00017	-.00063	-.00676	-.00022
#2	.05565	-.00287	.00183	-.00007	-.00068	-.00889	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00722	.00015	-.00038	-.00250	-.01252	.00073	.00071
SDev	.00170	.00056	.00023	.00070	.00815	.00004	.00005
%RSD	23.539	381.29	61.293	28.057	65.073	5.5718	7.1896
#1	-.00842	.00054	-.00022	-.00200	-.00676	.00075	.00074
#2	-.00602	-.00025	-.00054	-.00300	-.01828	.00070	.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.03693	.00010	.00233	-.00035	.30659	-.00848
SDev	.00031	.00209	.00008	.00178	.00022	.00178	.00289
%RSD	54.498	5.6534	82.074	76.422	63.272	.58003	34.111
#1	.00079	.03545	.00015	.00359	-.00020	.30785	-.00643
#2	.00035	.03841	.00004	.00107	-.00051	.30534	-.01052

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.18613	.05253	.00003	.00137	-.00194	.00020
SDev	.00035	.10327	.00279	.00005	.00029	.00082	.00030
%RSD	92.653	55.482	5.3125	200.90	21.100	42.283	150.22
#1	-.00013	-.11311	.05450	.00006	.00117	-.00136	.00041
#2	-.00063	-.25916	.05056	-.00001	.00158	-.00251	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00056	.00036	.00088	-.00469	.00320
SDev	.00081	.00021	.00515	.00265	.00589	.00341
%RSD	1561.6	37.976	1418.8	302.61	125.52	106.60
#1	.00052	.00071	-.00328	.00275	-.00885	.00561
#2	-.00063	.00041	.00401	-.00100	-.00053	.00079

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38116	--	--	--	--	--	--
SDev	200.8183	--	--	--	--	--	--
%RSD	.5268609	--	--	--	--	--	--
#1	38258	--	--	--	--	--	--
#2	37974	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52562-b-3-a Operator: DCL
Run Time: 03/28/12 19:04:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72169	.00933	.00359	.16475	-.00085	.30393	-.00017
SDev	.00179	.00233	.00046	.00012	.00000	.00042	.00006
%RSD	.24873	25.015	12.762	.07071	.41269	.13918	34.359
#1	.72296	.00768	.00327	.16484	-.00085	.30363	-.00021
#2	.72042	.01098	.00392	.16467	-.00085	.30422	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	493.42	.41154	.00086	.00195	.04216	.02688	.00004
SDev	.87	.00085	.00000	.00046	.01009	.00001	.00106
%RSD	.17615	.20659	.05102	23.326	23.930	.04815	2618.6
#1	494.04	.41214	.00086	.00163	.04929	.02689	.00079
#2	492.81	.41094	.00086	.00227	.03502	.02687	-.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00420	2.7358	.01704	1.4711	.06148	148.33	6.1913
SDev	.00362	.0076	.00000	.0048	.00001	.20	.0128
%RSD	86.151	.27845	.02512	.32718	.01916	.13274	.20637

#1	.00675	2.7412	.01703	1.4677	.06148	148.47	6.2004
#2	.00164	2.7304	.01704	1.4745	.06147	148.19	6.1823

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	598.10	395.72	1.4546	.00671	.00110	-.00303
SDev	.00019	1.06	1.65	.0025	.00036	.00133	.00002
%RSD	121.03	.17649	.41608	.17367	5.4231	121.72	.69463

#1	.00029	598.85	396.89	1.4564	.00645	.00015	-.00301
#2	.00002	597.35	394.56	1.4528	.00697	.00204	-.00304

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00595	.32940	-.00176	.00094	.00165	.00547
SDev	.00006	.00051	.00207	.00056	.00369	.00358
%RSD	.91931	.15374	117.94	59.537	223.13	65.433

#1	.00591	.32976	-.00029	.00133	.00426	.00800
#2	.00599	.32905	-.00322	.00054	-.00096	.00294

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35532	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1014943	--	--	--	--	--	--

#1	35506	--	--	--	--	--	--
#2	35557	--	--	--	--	--	--

03/28/12 07:12:09 PM page 28

Method: 20076010 Sample Name: 600-52562-b-4-a Operator: DCL
Run Time: 03/28/12 19:08:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60808	.00795	.00420	.17726	-.00089	.31431	-.00008
SDev	.00102	.00136	.00084	.00057	.00000	.00058	.00004
%RSD	.16789	17.065	20.071	.32295	.24442	.18386	53.444

#1	.60880	.00699	.00479	.17767	-.00089	.31472	-.00005
#2	.60736	.00891	.00360	.17686	-.00088	.31390	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	402.16	.29944	.00097	.00520	.06151	.02580	.00000
SDev	1.07	.00092	.00046	.00012	.00112	.00001	.00073
%RSD	.26642	.30669	47.343	2.3939	1.8253	.03825	24570.

#1	402.91	.30009	.00129	.00511	.06230	.02581	.00052
#2	401.40	.29879	.00064	.00528	.06072	.02580	-.00051

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	2.8325	.01631	.89569	.07577	132.69	6.6593

SDev	.00238	.0056	.00000	.00176	.00017	.47	.0146
%RSD	84.726	.19854	.00257	.19595	.22976	.35648	.21916
#1	.00113	2.8365	.01631	.89445	.07589	133.02	6.6696
#2	.00450	2.8285	.01631	.89693	.07565	132.35	6.6490

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	528.25	356.18	1.1628	.00381	.00196	-.00229
SDev	.00032	1.27	1.66	.0034	.00094	.00130	.00017
%RSD	1293.4	.24034	.46605	.29070	24.545	66.455	7.6302
#1	.00025	529.15	357.35	1.1652	.00447	.00289	-.00217
#2	-.00020	527.35	355.00	1.1604	.00315	.00104	-.00242

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00479	.30254	-.00048	.00024	-.00251	.00548
SDev	.00003	.00090	.00083	.00068	.00330	.00192
%RSD	.57295	.29616	172.96	280.50	131.74	35.141
#1	.00477	.30317	.00011	.00073	-.00485	.00411
#2	.00481	.30191	-.00106	-.00024	-.00017	.00684

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35762	--	--	--	--	--	--
SDev	92.63099	--	--	--	--	--	--
%RSD	.2590244	--	--	--	--	--	--

Analysis Report 03/28/12 07:12:09 PM page 29

#1	35696	--	--	--	--	--	--
#2	35827	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 19:12:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4978	.52941	.51457	.52825	.48081	.50950	.53872
SDev	.0446	.00816	.00172	.00662	.00473	.00758	.00644
%RSD	1.7864	1.5405	.33510	1.2541	.98457	1.4877	1.1955
#1	2.5294	.53517	.51579	.53293	.48416	.51485	.54328
#2	2.4663	.52364	.51335	.52356	.47746	.50414	.53417

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.634	.49095	.49456	.48671	2.6420	.48733	.51104
SDev	.152	.00604	.00563	.00671	.0391	.00705	.00631
%RSD	1.2009	1.2300	1.1376	1.3778	1.4807	1.4477	1.2351
#1	12.741	.49522	.49854	.49145	2.6697	.49232	.51550
#2	12.526	.48668	.49059	.48197	2.6144	.48234	.50658

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50875	4.9527	.49545	.52181	.53303	12.986	.94384
SDev	.00394	.0631	.00559	.00627	.00645	.160	.01741
%RSD	.77349	1.2738	1.1283	1.2013	1.2103	1.2333	1.8448
#1	.51153	4.9973	.49941	.52624	.53759	13.099	.95615
#2	.50597	4.9081	.49150	.51738	.52847	12.872	.93152

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25105	12.866	12.554	.26602	.54751	.51239	.51263
SDev	.00354	.302	.203	.00317	.00300	.00432	.00649
%RSD	1.4112	2.3485	1.6188	1.1922	.54888	.84357	1.2662
#1	.25355	13.080	12.697	.26826	.54538	.51544	.51722
#2	.24854	12.652	12.410	.26378	.54963	.50933	.50804

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49873	.53285	.49007	.52152	.48744	.51946
SDev	.00591	.00561	.00421	.00736	.00710	.00235
%RSD	1.1855	1.0528	.85917	1.4117	1.4559	.45336
#1	.50291	.53681	.49305	.52673	.49246	.52113
#2	.49455	.52888	.48710	.51632	.48242	.51780

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 07:16:00 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38328	--	--	--	--	--	--
SDev	183.1407	--	--	--	--	--	--
%RSD	.4778185	--	--	--	--	--	--
#1	38199	--	--	--	--	--	--
#2	38458	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 19:16:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06655	.00359	.00500	.00023	-.00065	-.00714	-.00009
SDev	.00123	.00131	.00215	.00005	.00000	.00020	.00001
%RSD	1.8467	36.559	43.040	20.301	.05151	2.8110	13.570
#1	.06568	.00452	.00348	.00020	-.00065	-.00729	-.00010
#2	.06742	.00266	.00652	.00027	-.00065	-.00700	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00662	.00111	.00014	-.00148	.00830	.00080	.00083
SDev	.00270	.00027	.00000	.00029	.00245	.00004	.00046
%RSD	40.737	24.234	.06228	19.474	29.543	4.7015	55.758

#1	-.00852	.00092	.00014	-.00168	.00656	.00083	.00116
#2	-.00471	.00130	.00014	-.00127	.01003	.00078	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.04433	.00021	.00307	.00000	.36196	-.00422
SDev	.00012	.00041	.00004	.00126	.00014	.01661	.00011
%RSD	6.6302	.92539	19.003	40.970	3159.0	4.5886	2.6469
#1	.00182	.04404	.00018	.00396	-.00010	.37370	-.00430
#2	.00166	.04462	.00024	.00218	.00010	.35021	-.00414

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.06371	.05656	.00012	.00307	-.00086	.00056
SDev	.00003	.07465	.00248	.00003	.00079	.00049	.00006
%RSD	103.35	117.17	4.3819	25.922	25.676	56.742	10.677
#1	.00004	-.11649	.05831	.00010	.00251	-.00052	.00060
#2	.00001	-.01092	.05481	.00014	.00363	-.00121	.00052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.00068	-.00054	.00152	-.00608	.00565
SDev	.00005	.00007	.00031	.00054	.00304	.00169
%RSD	4.7938	10.056	57.708	35.636	49.920	29.918
#1	.00109	.00064	-.00032	.00190	-.00823	.00685

#2	.00117	.00073	-.00076	.00113	-.00393	.00446

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37930	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0316925	--	--	--	--	--	--
#1	37921	--	--	--	--	--	--
#2	37938	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 03/28/12 19:19:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	495.76	.00328	.00207	.00187	-.00088	-.00962	-.00678
SDev	.36	.00285	.00370	.00005	.00001	.00084	.00001
%RSD	.07229	86.999	178.74	2.6957	1.2466	8.6807	.12624
#1	496.01	.00126	.00469	.00184	-.00088	-.00903	-.00678
#2	495.50	.00529	-.00055	.00191	-.00089	-.01021	-.00677

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.09	.00180	-.00076	.01112	199.96	.00508	.00651
SDev	.05	.00010	.00000	.00052	.02	.00002	.00010

%RSD	.01134	5.3059	.37371	4.6569	.01210	.33074	1.4519
#1	453.06	.00187	-.00077	.01148	199.94	.00509	.00658
#2	453.13	.00174	-.00076	.01075	199.98	.00507	.00644

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01220	508.59	-.00735	.00194	-.00004	.40301	.00565
SDev	.00206	.59	.00001	.00103	.00028	.00661	.00063
%RSD	16.852	.11566	.07060	53.130	783.50	1.6407	11.204
#1	-.01366	508.18	-.00735	.00267	.00016	.40768	.00609
#2	-.01075	509.01	-.00734	.00121	-.00023	.39833	.00520

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	.04238	.25510	-.00875	.01046	-.00399	-.00340
SDev	.00011	.11084	.00370	.00000	.00635	.00286	.00001
%RSD	14.113	261.54	1.4515	.01699	60.721	71.700	.35341
#1	-.00068	-.03600	.25772	-.00876	.00597	-.00197	-.00339
#2	-.00083	.12076	.25249	-.00875	.01496	-.00602	-.00341

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00442	-.00274	-.01369	.01661	-.01150	-.01255

SDev	.00013	.00016	.00018	.00023	.00420	.00098
%RSD	2.8338	5.7095	1.2978	1.3884	36.519	7.8416
#1	.00433	-.00285	-.01382	.01678	-.01447	-.01325
#2	.00451	-.00263	-.01357	.01645	-.00853	-.01186

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34861	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.2393465	--	--	--	--	--	--
#1	34802	--	--	--	--	--	--
#2	34920	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 03/28/12 19:23:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.49	1.1107	1.0628	1.1087	.47716	1.0873	.50666
SDev	2.43	.0086	.0019	.0048	.00143	.0037	.00282
%RSD	.48079	.77228	.17895	.42876	.29891	.33785	.55628
#1	506.20	1.1168	1.0642	1.1121	.47817	1.0899	.50866
#2	502.77	1.1047	1.0615	1.1053	.47616	1.0847	.50467

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	460.69	.97295	.94728	1.0576	209.87	1.2431	1.0195
SDev	1.70	.00347	.00412	.0054	.92	.0072	.0086
%RSD	.36846	.35679	.43523	.51396	.43711	.57755	.84255
#1	461.89	.97541	.95019	1.0614	210.52	1.2482	1.0256
#2	459.49	.97050	.94436	1.0537	209.22	1.2380	1.0134

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0205	519.35	.99074	1.0354	1.0053	15.191	1.0195
SDev	.0072	2.08	.00407	.0048	.0063	.063	.0079
%RSD	.70786	.40037	.41029	.46220	.62917	.41350	.77948
#1	1.0256	520.82	.99361	1.0388	1.0097	15.235	1.0251
#2	1.0154	517.88	.98786	1.0320	1.0008	15.146	1.0139

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55294	12.114	13.986	.53731	1.1044	1.0167	1.0295
SDev	.00353	.066	.081	.00242	.0057	.0043	.0039
%RSD	.63930	.54162	.58089	.44978	.51166	.42236	.37416
#1	.55544	12.160	14.043	.53902	1.1004	1.0197	1.0323
#2	.55044	12.068	13.928	.53560	1.1084	1.0136	1.0268

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99619	1.0741	.95147	1.0535	.99063	1.0354
SDev	.00396	.0056	.00392	.0109	.00128	.0102
%RSD	.39716	.52584	.41186	1.0370	.12876	.98486
#1	.99899	1.0781	.95424	1.0612	.99153	1.0426
#2	.99340	1.0701	.94870	1.0458	.98973	1.0282

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34920	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.1984435	--	--	--	--	--	--
#1	34871	--	--	--	--	--	--
#2	34969	--	--	--	--	--	--

Metals Worksheet

Batch Number: 600-75902
Method: 245.1
Analyst: Patel, Silen R

Date Open: Mar 28 2012 4:43PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0312S1_00022	MER0312S2_00019
S0						
S0.2						
S0.5						
S1.0						
S2.0						
S5.0						
S10.0						
ICV~600-75902/8		7470A		50 mL		1.5 mL
ICB~600-75902/9		7470A				
CRA~600-75902/10		7470A		50 mL	.1 mL	
CCV~600-75902/11		7470A		50 mL		1.5 mL
CCB~600-75902/12		7470A				
MB~600-75815/7-A		7470A				
LCS~600-75815/8-A		7470A				
LB~600-75710/1-E		7470A				
600-52295-A-1-F		7470A	P			
600-52295-A-1-G~DU		7470A	P			
600-52295-A-1-H~MS		7470A	P			
600-52295-A-2-F		7470A	P			
600-52295-A-4-H		7470A	P			
600-52295-A-5-F		7470A	P			
600-52295-A-6-H		7470A	P			
CCV~600-75902/23		7470A		50 mL		1.5 mL
CCB~600-75902/24		7470A				
600-52117-B-1-D		7470A	P			

Metals Worksheet

Batch Number: 600-75902
Method: 245.1
Analyst: Patel, Silen R

Date Open: Mar 28 2012 4:43PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0312S1_00022	MER0312S2_00019
600-52258-D-1-E		7470A	P			
600-52432-C-1-G		7470A	P			
600-52207-G-1-F		7470A	P			
600-52208-G-1-H		7470A	P			
600-52208-G-1-I~DU		7470A	P			
600-52208-G-1-J~MS		7470A	P			
600-52209-G-1-F		7470A	P			
600-52210-G-1-H		7470A	P			
600-52212-G-1-F		7470A	P			
CCV~600-75902/35		7470A		50 mL		1.5 mL
CCB~600-75902/36		7470A				
600-52215-G-1-G		7470A	P			
600-52350-A-1-F		7470A	P			
600-52295-A-3-F		7470A	P			
LB~600-75712/1-D		7470A				
600-52214-G-1-G		7470A	P			
LB~600-75739/1-E		7470A				
600-52256-F-1-H		7470A	P			
600-52256-G-2-G		7470A	P			
600-52258-B-2-G		7470A	P			
600-51958-B-1-B		7470A	T			
CCV~600-75902/47		7470A		50 mL		1.5 mL
CCB~600-75902/48		7470A				
600-51958-B-2-B		7470A	T			
600-51958-B-3-B		7470A	T			

Metals Worksheet

Batch Number: 600-75902
Method: 245.1
Analyst: Patel, Silen R

Date Open: Mar 28 2012 4:43PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0312S1_00022	MER0312S2_00019
600-51958-A-3-C~MS		7470A	T			
600-51958-A-3-D~MSD		7470A	T			
600-51958-A-4-B		7470A	T			
600-52344-B-1-B		7470A	T			
600-52295-A-1-F~SD		7470A	P			
600-51958-B-3-B~SD		7470A	T			
CCV~600-75902/57		7470A		50 mL		1.5 mL
CCB~600-75902/58		7470A				

Analysis Begun

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 75815
Results Data Set: FW032812
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1 Autosampler Location: 2
Sample ID: S0 Date Collected: 3/28/2012 16:43:53
Analyst: Data Type: Original

Replicate Data: S0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0006	0.0011	0.0006	16:44:59	Yes
2		[0.00]	0.0005	-0.0001	0.0005	16:45:41	Yes
Mean:		[0.00]	0.0005				
SD:		0.00	0.0001				
%RSD:		0.00	16.33				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 3
Sample ID: S0.2 Date Collected: 3/28/2012 16:45:43
Analyst: Data Type: Original

Replicate Data: S0.2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0015	0.0089	0.0020	16:46:48	Yes
2		[0.2]	0.0016	0.0083	0.0021	16:47:30	Yes
Mean:		[0.2]	0.0015				
SD:		0.0	0.0000				
%RSD:		0.0	1.08				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.00769 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 4
Sample ID: S0.5 Date Collected: 3/28/2012 16:47:32
Analyst: Data Type: Original

Replicate Data: S0.5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0039	0.0228	0.0044	16:48:37	Yes
2		[0.5]	0.0038	0.0199	0.0043	16:49:19	Yes
Mean:		[0.5]	0.0039				
SD:		0.0	0.0001				
%RSD:		0.0	2.42				

Standard number 2 applied. [0.5]
Correlation Coef.: 1.000000 Slope: 0.00771 Intercept: -0.00000

Sequence No.: 4 Autosampler Location: 5
Sample ID: S1.0 Date Collected: 3/28/2012 16:49:21
Analyst: Data Type: Original

Replicate Data: S1.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.0]	0.0078	0.0422	0.0083	16:50:26	Yes
2		[1.0]	0.0078	0.0433	0.0083	16:51:13	Yes
Mean:		[1.0]	0.0078				
SD:		0.0	0.0000				
%RSD:		0.0	0.48				

Standard number 3 applied. [1.0]
Correlation Coef.: 0.999978 Slope: 0.00781 Intercept: -0.00002

Sequence No.: 5 Autosampler Location: 6
Sample ID: S2.0 Date Collected: 3/28/2012 16:51:15
Analyst: Data Type: Original

Replicate Data: S2.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.0]	0.0156	0.0852	0.0161	16:52:21	Yes
2		[2.0]	0.0155	0.0846	0.0160	16:53:03	Yes
Mean:		[2.0]	0.0156				
SD:		0.0	0.0001				
%RSD:		0.0	0.41				

Standard number 4 applied. [2.0]
Correlation Coef.: 0.999994 Slope: 0.00779 Intercept: -0.00001

Sequence No.: 6 Autosampler Location: 7
Sample ID: S5.0 Date Collected: 3/28/2012 16:53:05
Analyst: Data Type: Original

Replicate Data: S5.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.0]	0.0392	0.2126	0.0398	16:54:11	Yes
2		[5.0]	0.0393	0.2123	0.0399	16:54:53	Yes
Mean:		[5.0]	0.0393				
SD:		0.0	0.0001				
%RSD:		0.0	0.19				

Standard number 5 applied. [5.0]
Correlation Coef.: 0.999991 Slope: 0.00786 Intercept: -0.00006

Sequence No.: 7 Autosampler Location: 8
Sample ID: S10.0 Date Collected: 3/28/2012 16:55:40
Analyst: Data Type: Original

Replicate Data: S10.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.0]	0.0807	0.4345	0.0812	16:56:46	Yes
2		[10.0]	0.0813	0.4425	0.0818	16:57:27	Yes
Mean:		[10.0]	0.0810				
SD:		0.0	0.0004				
%RSD:		0.0	0.48				

Standard number 6 applied. [10.0]
Correlation Coef.: 0.999891 Slope: 0.00809 Intercept: -0.00030

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
S0	0.0000	0	0.038	0.00	16.3
S0.2	0.0015	0.2	0.228	0.00	1.1
S0.5	0.0039	0.5	0.514	0.00	2.4
S1.0	0.0078	1.0	1.003	0.00	0.5

S2.0	0.0156	2.0	1.962	0.00	0.4
S5.0	0.0393	5.0	4.898	0.00	0.2
S10.0	0.0810	10.0	10.057	0.00	0.5

Correlation Coef.: 0.999891 Slope: 0.00809 Intercept: -0.00030

Sequence No.: 8 Autosampler Location: 1
Sample ID: ICV Date Collected: 3/28/2012 16:58:19
Analyst: Data Type: Original

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.023	3.023	0.0241	0.1309	0.0246	16:59:24	Yes
2	3.060	3.060	0.0244	0.1321	0.0249	17:00:07	Yes
Mean:	3.042	3.042	0.0243				
SD:	0.026	0.026	0.0002				
%RSD:	0.860	0.860	0.87				

QC value within limits for Hg 253.7 Recovery = 101.38%
All analyte(s) passed QC.

Sequence No.: 9 Autosampler Location: 2
Sample ID: ICB Date Collected: 3/28/2012 17:00:53
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.041	0.041	0.0000	0.0020	0.0005	17:01:59	Yes
2	0.038	0.038	-0.0000	0.0018	0.0005	17:02:41	Yes
Mean:	0.039	0.039	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	6.258	6.258	153.14				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 3
Sample ID: CRA Date Collected: 3/28/2012 17:02:43
Analyst: Data Type: Original

Replicate Data: CRA

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.234	0.234	0.0016	0.0103	0.0021	17:03:48	Yes
2	0.232	0.232	0.0016	0.0097	0.0021	17:04:30	Yes
Mean:	0.233	0.233	0.0016				
SD:	0.001	0.001	0.0000				
%RSD:	0.608	0.608	0.72				

QC value within limits for Hg 253.7 Recovery = 116.44%
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 17:04:32
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.009	3.009	0.0240	0.1309	0.0245	17:05:38	Yes
2	3.003	3.003	0.0240	0.1305	0.0245	17:06:20	Yes
Mean:	3.006	3.006	0.0240				
SD:	0.004	0.004	0.0000				
%RSD:	0.144	0.144	0.15				

QC value within limits for Hg 253.7 Recovery = 100.20%
All analyte(s) passed QC.

Sequence No.: 12 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 17:07:11
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.037	0.037	-0.0000	0.0020	0.0005	17:08:16	Yes
2	0.039	0.039	0.0000	0.0030	0.0005	17:08:58	Yes
Mean:	0.038	0.038	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	4.080	4.080	438.63				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13 Autosampler Location: 38
Sample ID: mb 600-75815/7-a Date Collected: 3/28/2012 17:09:00
Analyst: SRP Data Type: Original

Replicate Data: mb 600-75815/7-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.044	0.044	0.0001	0.0027	0.0006	17:10:06	Yes
2	0.037	0.037	-0.0000	0.0021	0.0005	17:10:48	Yes
Mean:	0.040	0.040	0.0000				
SD:	0.005	0.005	0.0000				
%RSD:	13.19	13.19	193.99				

Sequence No.: 14 Autosampler Location: 39
Sample ID: lcs 600-75815/8-a Date Collected: 3/28/2012 17:10:50
Analyst: SRP Data Type: Original

Replicate Data: lcs 600-75815/8-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.005	3.005	0.0240	0.1315	0.0245	17:11:55	Yes
2	3.025	3.025	0.0241	0.1325	0.0247	17:12:37	Yes
Mean:	3.015	3.015	0.0241				
SD:	0.014	0.014	0.0001				
%RSD:	0.457	0.457	0.46				

Sequence No.: 15 Autosampler Location: 40
Sample ID: lb 600-75710/1-e Date Collected: 3/28/2012 17:13:24
Analyst: SRP Data Type: Original

Replicate Data: lb 600-75710/1-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040	0.040	0.0000	0.0028	0.0005	17:14:30	Yes
2	0.045	0.045	0.0001	0.0029	0.0006	17:15:12	Yes
Mean:	0.042	0.042	0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	7.224	7.224	64.49				

Sequence No.: 16 Autosampler Location: 41
Sample ID: 600-52295-a-1-f Date Collected: 3/28/2012 17:15:14
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.057	0.057	0.0002	0.0030	0.0007	17:16:19	Yes
2	0.059	0.059	0.0002	0.0033	0.0007	17:17:05	Yes
Mean:	0.058	0.058	0.0002				
SD:	0.001	0.001	0.0000				
%RSD:	2.399	2.399	6.84				

Sequence No.: 17 Autosampler Location: 42
Sample ID: 600-52295-a-1-g du Date Collected: 3/28/2012 17:17:07
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-1-g du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.043	0.043	0.0000	0.0028	0.0006	17:18:12	Yes
2	0.042	0.042	0.0000	0.0026	0.0005	17:18:54	Yes
Mean:	0.043	0.043	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	2.491	2.491	21.18				

Sequence No.: 18 Autosampler Location: 43
Sample ID: 600-52295-a-1-h ms Date Collected: 3/28/2012 17:18:55
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-1-h ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.921	2.921	0.0233	0.1284	0.0238	17:20:00	Yes
2	2.904	2.904	0.0232	0.1275	0.0237	17:20:42	Yes
Mean:	2.913	2.913	0.0232				
SD:	0.012	0.012	0.0001				
%RSD:	0.408	0.408	0.41				

Sequence No.: 19 Autosampler Location: 44
Sample ID: 600-52295-a-2-f Date Collected: 3/28/2012 17:20:43
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-2-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.051	0.051	0.0001	0.0031	0.0006	17:21:48	Yes
2	0.054	0.054	0.0001	0.0035	0.0006	17:22:30	Yes
Mean:	0.052	0.052	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	4.010	4.010	14.27				

Sequence No.: 20 Autosampler Location: 45
Sample ID: 600-52295-a-4-h Date Collected: 3/28/2012 17:22:32
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-4-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.053	0.053	0.0001	0.0038	0.0006	17:23:37	Yes
2	0.044	0.044	0.0001	0.0031	0.0006	17:24:19	Yes
Mean:	0.049	0.049	0.0001				
SD:	0.006	0.006	0.0001				
%RSD:	13.34	13.34	59.01				

Sequence No.: 21 Autosampler Location: 46
Sample ID: 600-52295-a-5-f Date Collected: 3/28/2012 17:24:21
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-5-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.041	0.041	0.0000	0.0030	0.0005	17:25:26	Yes
2	0.048	0.048	0.0001	0.0036	0.0006	17:26:12	Yes
Mean:	0.045	0.045	0.0001				
SD:	0.005	0.005	0.0000				
%RSD:	10.74	10.74	69.39				

Sequence No.: 22 Autosampler Location: 47
Sample ID: 600-52295-a-6-h Date Collected: 3/28/2012 17:26:14
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-6-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.047	0.047	0.0001	0.0032	0.0006	17:27:19	Yes
2	0.047	0.047	0.0001	0.0030	0.0006	17:28:01	Yes
Mean:	0.047	0.047	0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.583	0.583	2.98				

Sequence No.: 23 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 17:28:03
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.046	3.046	0.0243	0.1316	0.0248	17:29:09	Yes
2	3.046	3.046	0.0243	0.1322	0.0248	17:29:50	Yes
Mean:	3.046	3.046	0.0243				
SD:	0.000	0.000	0.0000				
%RSD:	0.004	0.004	0.00				

QC value within limits for Hg 253.7 Recovery = 101.52%
All analyte(s) passed QC.

Sequence No.: 24 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 17:30:37
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.047	0.047	0.0001	0.0028	0.0006	17:31:43	Yes
2	0.045	0.045	0.0001	0.0029	0.0006	17:32:25	Yes
Mean:	0.046	0.046	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	2.094	2.094	11.74				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 25 Autosampler Location: 48
Sample ID: 600-52117-b-1-d Date Collected: 3/28/2012 17:32:27
Analyst: SRP Data Type: Original

Replicate Data: 600-52117-b-1-d

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.034	0.034	-0.0000	0.0027	0.0005	17:33:33	Yes
2	0.036	0.036	-0.0000	0.0033	0.0005	17:34:14	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	4.657	4.657	62.34				

Sequence No.: 26 Autosampler Location: 49
Sample ID: 600-52258-d-1-e Date Collected: 3/28/2012 17:34:20
Analyst: SRP Data Type: Original

Replicate Data: 600-52258-d-1-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	-0.0002	0.0027	0.0003	17:35:25	Yes
2	0.025	0.025	-0.0001	0.0027	0.0004	17:36:06	Yes
Mean:	0.021	0.021	-0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	29.07	29.07	35.68				

Sequence No.: 27 Autosampler Location: 50
Sample ID: 600-52432-c-1-g Date Collected: 3/28/2012 17:36:08
Analyst: SRP Data Type: Original

Replicate Data: 600-52432-c-1-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.045	0.045	0.0001	0.0031	0.0006	17:37:15	Yes
2	0.053	0.053	0.0001	0.0032	0.0006	17:37:57	Yes
Mean:	0.049	0.049	0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	12.49	12.49	53.64				

Sequence No.: 28 Autosampler Location: 51
Sample ID: 600-52207-g-1-f Date Collected: 3/28/2012 17:38:03
Analyst: SRP Data Type: Original

Replicate Data: 600-52207-g-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.039	0.039	0.0000	0.0022	0.0005	17:39:16	Yes
2	0.057	0.057	0.0002	0.0044	0.0007	17:39:57	Yes
Mean:	0.048	0.048	0.0001				
SD:	0.013	0.013	0.0001				
%RSD:	25.99	25.99	118.73				

Sequence No.: 29 Autosampler Location: 52
Sample ID: 600-52208-g-1-h Date Collected: 3/28/2012 17:39:59
Analyst: SRP Data Type: Original

Replicate Data: 600-52208-g-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.044	0.044	0.0000	0.0034	0.0006	17:41:04	Yes
2	0.046	0.046	0.0001	0.0032	0.0006	17:41:46	Yes
Mean:	0.045	0.045	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	3.559	3.559	22.68				

Sequence No.: 30 Autosampler Location: 53
Sample ID: 600-52208-g-1-i du Date Collected: 3/28/2012 17:41:48
Analyst: SRP Data Type: Original

Replicate Data: 600-52208-g-1-i du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0038	0.0006	17:42:52	Yes
2	0.045	0.045	0.0001	0.0036	0.0006	17:43:34	Yes

Mean:	0.047	0.047	0.0001
SD:	0.003	0.003	0.0000
%RSD:	6.660	6.660	33.80

Sequence No.: 31 Autosampler Location: 54
Sample ID: 600-52208-g-1-j ms Date Collected: 3/28/2012 17:43:40
Analyst: SRP Data Type: Original

Replicate Data: 600-52208-g-1-j ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.212	2.212	0.0176	0.0983	0.0181	17:44:45	Yes
2	2.206	2.206	0.0175	0.0973	0.0180	17:45:27	Yes
Mean:	2.209	2.209	0.0176				
SD:	0.004	0.004	0.0000				
%RSD:	0.190	0.190	0.19				

Sequence No.: 32 Autosampler Location: 55
Sample ID: 600-52209-g-1-f Date Collected: 3/28/2012 17:45:29
Analyst: SRP Data Type: Original

Replicate Data: 600-52209-g-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.043	0.043	0.0000	0.0033	0.0006	17:46:34	Yes
2	0.039	0.039	0.0000	0.0026	0.0005	17:47:16	Yes
Mean:	0.041	0.041	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	5.933	5.933	69.12				

Sequence No.: 33 Autosampler Location: 56
Sample ID: 600-52210-g-1-h Date Collected: 3/28/2012 17:47:18
Analyst: SRP Data Type: Original

Replicate Data: 600-52210-g-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0033	0.0006	17:48:23	Yes
2	0.060	0.060	0.0002	0.0042	0.0007	17:49:05	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.008	0.008	0.0001				
%RSD:	14.83	14.83	48.13				

Sequence No.: 34 Autosampler Location: 57
Sample ID: 600-52212-g-1-f Date Collected: 3/28/2012 17:49:06
Analyst: SRP Data Type: Original

Replicate Data: 600-52212-g-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0032	0.0006	17:50:12	Yes
2	0.057	0.057	0.0002	0.0037	0.0007	17:50:53	Yes
Mean:	0.053	0.053	0.0001				
SD:	0.005	0.005	0.0000				
%RSD:	9.800	9.800	33.87				

Sequence No.: 35 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 17:50:55
Analyst: Data Type: Original

Replicate Data: CCV

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	3.103	3.103	0.0248	0.1344	0.0253	17:52:01	Yes
2	3.116	3.116	0.0249	0.1342	0.0254	17:52:47	Yes
Mean:	3.110	3.110	0.0248				
SD:	0.010	0.010	0.0001				
%RSD:	0.313	0.313	0.32				

QC value within limits for Hg 253.7 Recovery = 103.65%
All analyte(s) passed QC.

Sequence No.: 36
Sample ID: CCB
Analyst:

Autosampler Location: 2
Date Collected: 3/28/2012 17:53:34
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040	0.040	0.0000	0.0014	0.0005	17:54:40	Yes
2	0.062	0.062	0.0002	0.0047	0.0007	17:55:22	Yes
Mean:	0.051	0.051	0.0001				
SD:	0.016	0.016	0.0001				
%RSD:	31.03	31.03	119.08				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 37
Sample ID: 600-52215-g-1-g
Analyst: SRP

Autosampler Location: 58
Date Collected: 3/28/2012 17:55:24
Data Type: Original

Replicate Data: 600-52215-g-1-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.051	0.051	0.0001	0.0037	0.0006	17:56:29	Yes
2	0.044	0.044	0.0001	0.0025	0.0006	17:57:11	Yes
Mean:	0.048	0.048	0.0001				
SD:	0.005	0.005	0.0000				
%RSD:	9.527	9.527	46.07				

Sequence No.: 38
Sample ID: 600-52350-a-1-f
Analyst: SRP

Autosampler Location: 59
Date Collected: 3/28/2012 17:57:13
Data Type: Original

Replicate Data: 600-52350-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.047	0.047	0.0001	0.0032	0.0006	17:58:18	Yes
2	0.023	0.023	-0.0001	0.0018	0.0004	17:59:00	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.017	0.017	0.0001				
%RSD:	49.68	49.68	585.69				

Sequence No.: 39
Sample ID: 600-52295-a-3-f
Analyst: SRP

Autosampler Location: 60
Date Collected: 3/28/2012 17:59:02
Data Type: Original

Replicate Data: 600-52295-a-3-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061	0.061	0.0002	0.0039	0.0007	18:00:07	Yes
2	0.046	0.046	0.0001	0.0041	0.0006	18:00:49	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.011	0.011	0.0001				
%RSD:	19.83	19.83	66.16				

Sequence No.: 40
Sample ID: lb 600-75712/1-d
Analyst: SRP
Autosampler Location: 61
Date Collected: 3/28/2012 18:00:51
Data Type: Original

Replicate Data: lb 600-75712/1-d

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0033	0.0006	18:02:00	Yes
2	0.025	0.025	-0.0001	0.0016	0.0004	18:02:42	Yes
Mean:	0.037	0.037	-0.0000				
SD:	0.017	0.017	0.0001				
%RSD:	45.90	45.90	>999.9%				

Sequence No.: 41
Sample ID: 600-52214-g-1-g
Analyst: SRP
Autosampler Location: 62
Date Collected: 3/28/2012 18:02:44
Data Type: Original

Replicate Data: 600-52214-g-1-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061	0.061	0.0002	0.0032	0.0007	18:03:51	Yes
2	0.032	0.032	-0.0000	0.0015	0.0005	18:04:33	Yes
Mean:	0.047	0.047	0.0001				
SD:	0.020	0.020	0.0002				
%RSD:	43.77	43.77	229.67				

Sequence No.: 42
Sample ID: lb 600-75739/1-e
Analyst: SRP
Autosampler Location: 63
Date Collected: 3/28/2012 18:04:35
Data Type: Original

Replicate Data: lb 600-75739/1-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061	0.061	0.0002	0.0035	0.0007	18:05:40	Yes
2	0.047	0.047	0.0001	0.0023	0.0006	18:06:22	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.010	0.010	0.0001				
%RSD:	18.25	18.25	60.23				

Sequence No.: 43
Sample ID: 600-52256-f-1-h
Analyst: SRP
Autosampler Location: 64
Date Collected: 3/28/2012 18:06:23
Data Type: Original

Replicate Data: 600-52256-f-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.039	0.039	0.0000	0.0022	0.0005	18:07:29	Yes
2	0.030	0.030	-0.0001	0.0026	0.0005	18:08:11	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.006	0.006	0.0000				
%RSD:	17.63	17.63	214.02				

Sequence No.: 44
Sample ID: 600-52256-g-2-g
Analyst: SRP
Autosampler Location: 65
Date Collected: 3/28/2012 18:08:12
Data Type: Original

Replicate Data: 600-52256-g-2-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.052	0.052	0.0001	0.0041	0.0006	18:09:17	Yes
2	0.056	0.056	0.0001	0.0034	0.0007	18:09:59	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.003	0.003	0.0000				

%RSD: 4.879 4.879 16.33

Sequence No.: 45 Autosampler Location: 66
Sample ID: 600-52258-b-2-g Date Collected: 3/28/2012 18:10:05
Analyst: SRP Data Type: Original

Replicate Data: 600-52258-b-2-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	-0.0003	-0.0007	0.0002	18:11:10	Yes
2	0.025	0.025	-0.0001	0.0033	0.0004	18:11:52	Yes
Mean:	0.013	0.013	-0.0002				
SD:	0.016	0.016	0.0001				
%RSD:	117.0	117.0	64.85				

Sequence No.: 46 Autosampler Location: 67
Sample ID: 600-51958-b-1-b Date Collected: 3/28/2012 18:11:54
Analyst: SRP Data Type: Original

Replicate Data: 600-51958-b-1-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.050	0.050	0.0001	0.0048	0.0006	18:12:59	Yes
2	0.054	0.054	0.0001	0.0039	0.0006	18:13:41	Yes
Mean:	0.052	0.052	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	5.416	5.416	19.24				

Sequence No.: 47 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 18:13:43
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.885	2.885	0.0230	0.1242	0.0235	18:14:50	Yes
2	2.879	2.879	0.0230	0.1264	0.0235	18:15:32	Yes
Mean:	2.882	2.882	0.0230				
SD:	0.004	0.004	0.0000				
%RSD:	0.153	0.153	0.16				

QC value within limits for Hg 253.7 Recovery = 96.07%
All analyte(s) passed QC.

Sequence No.: 48 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 18:15:33
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.033	0.033	-0.0000	0.0013	0.0005	18:16:39	Yes
2	0.039	0.039	0.0000	0.0028	0.0005	18:17:21	Yes
Mean:	0.036	0.036	-0.0000				
SD:	0.004	0.004	0.0000				
%RSD:	11.20	11.20	268.54				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 49 Autosampler Location: 68
Sample ID: 600-51958-b-2-b Date Collected: 3/28/2012 18:17:22
Analyst: SRP Data Type: Original

Replicate Data: 600-51958-b-2-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0030	0.0006	18:18:29	Yes
2	0.027	0.027	-0.0001	0.0023	0.0004	18:19:15	Yes
Mean:	0.038	0.038	-0.0000				
SD:	0.016	0.016	0.0001				
%RSD:	41.32	41.32	>999.9%				

Sequence No.: 50
Sample ID: 600-51958-b-3-b
Analyst: SRP
Autosampler Location: 69
Date Collected: 3/28/2012 18:19:16
Data Type: Original

Replicate Data: 600-51958-b-3-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.030	0.030	-0.0001	0.0020	0.0004	18:20:22	Yes
2	0.048	0.048	0.0001	0.0025	0.0006	18:21:04	Yes
Mean:	0.039	0.039	0.0000				
SD:	0.013	0.013	0.0001				
%RSD:	33.54	33.54	>999.9%				

Sequence No.: 51
Sample ID: 600-51958-a-3-c ms
Analyst: SRP
Autosampler Location: 70
Date Collected: 3/28/2012 18:21:05
Data Type: Original

Replicate Data: 600-51958-a-3-c ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.647	1.647	0.0130	0.0841	0.0135	18:22:10	Yes
2	1.652	1.652	0.0131	0.0839	0.0136	18:22:52	Yes
Mean:	1.650	1.650	0.0130				
SD:	0.003	0.003	0.0000				
%RSD:	0.204	0.204	0.21				

Sequence No.: 52
Sample ID: 600-51958-a-3-d msd
Analyst: SRP
Autosampler Location: 71
Date Collected: 3/28/2012 18:22:54
Data Type: Original

Replicate Data: 600-51958-a-3-d msd

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.532	1.532	0.0121	0.0824	0.0126	18:23:59	Yes
2	1.547	1.547	0.0122	0.0825	0.0127	18:24:41	Yes
Mean:	1.539	1.539	0.0121				
SD:	0.011	0.011	0.0001				
%RSD:	0.698	0.698	0.72				

Sequence No.: 53
Sample ID: 600-51958-a-4-b
Analyst: SRP
Autosampler Location: 72
Date Collected: 3/28/2012 18:24:43
Data Type: Original

Replicate Data: 600-51958-a-4-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.014	-0.014	-0.0004	-0.0022	0.0001	18:25:48	Yes
2	0.077	0.077	0.0003	0.0040	0.0008	18:26:30	Yes
Mean:	0.032	0.032	-0.0000				
SD:	0.064	0.064	0.0005				
%RSD:	203.3	203.3	>999.9%				

Sequence No.: 54
Sample ID: 600-52344-b-1-b
Autosampler Location: 73
Date Collected: 3/28/2012 18:26:32

Analyst: SRP Data Type: Original

Replicate Data: 600-52344-b-1-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.067	0.067	0.0002	0.0033	0.0008	18:27:41	Yes
2	0.091	0.091	0.0004	0.0061	0.0009	18:28:22	Yes
Mean:	0.079	0.079	0.0003				
SD:	0.017	0.017	0.0001				
%RSD:	21.21	21.21	40.55				

Sequence No.: 55 Autosampler Location: 74
Sample ID: SD-600-52295-a-1-f Date Collected: 3/28/2012 18:28:24
Analyst: SRP Data Type: Original

Replicate Data: SD-600-52295-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.090	0.090	0.0004	0.0062	0.0009	18:29:31	Yes
2	0.082	0.082	0.0004	0.0036	0.0009	18:30:13	Yes
Mean:	0.086	0.086	0.0004				
SD:	0.005	0.005	0.0000				
%RSD:	6.048	6.048	10.75				

Sequence No.: 56 Autosampler Location: 75
Sample ID: SD-600-51958-b-3-b Date Collected: 3/28/2012 18:30:15
Analyst: SRP Data Type: Original

Replicate Data: SD-600-51958-b-3-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.029	0.029	-0.0001	0.0000	0.0004	18:31:19	Yes
2	0.065	0.065	0.0002	0.0044	0.0007	18:32:01	Yes
Mean:	0.047	0.047	0.0001				
SD:	0.025	0.025	0.0002				
%RSD:	53.59	53.59	274.06				

Sequence No.: 57 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 18:32:03
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.959	2.959	0.0236	0.1325	0.0241	18:33:09	Yes
2	2.911	2.911	0.0232	0.1259	0.0237	18:33:51	Yes
Mean:	2.935	2.935	0.0234				
SD:	0.034	0.034	0.0003				
%RSD:	1.160	1.160	1.18				

QC value within limits for Hg 253.7 Recovery = 97.83%
All analyte(s) passed QC.

Sequence No.: 58 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 18:33:52
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.102	0.102	0.0005	0.0079	0.0010	18:34:57	Yes
2	0.056	0.056	0.0002	0.0026	0.0007	18:35:39	Yes
Mean:	0.079	0.079	0.0003				
SD:	0.032	0.032	0.0003				

%RSD: 40.56 40.56 77.48
QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analysis Begun

Logged In Analyst: houston_wetchem_inst
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 75815
Results Data Set: FW032812
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water
Method Description: Mercury Analysis
Method Last Saved: 9/1/2011 15:23:28

Sequence No.: 1
Sample ID: PDS-600-51958-b-3-b
Analyst: SRP
FIMS-100: Lamp energy too low.
Autosampler Location: 76
Date Collected: 3/28/2012 18:38:43
Data Type: Original

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75042 Batch Start Date: 03/19/12 11:36 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00027	METSPIKEA 00011
MB 600-75042/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-75042/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-52117-C-1	IDW 3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00012					
MB 600-75042/1		3010A, 6010B							
LCS 600-75042/2		3010A, 6010B		250 uL					
600-52117-C-1	IDW 3	3010A, 6010B	T						

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95
ID number of the thermometer	517

Basis	Basis Description
T	Total/NA

A12-628

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75754 Batch Start Date: 03/27/12 14:15 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00027	METSPIKEA 00011	METSPIKEB 00012
MB 600-75754/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-75754/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-75710/1-A		3010A, 6010B		5 mL	50 mL	2.5 mL	2.5 mL		
600-52117-B-1-A	IDW 3	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		
600-52117-B-1-A MS	IDW 3	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	555

Basis	Basis Description
P	TCLP

A12-629

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75815 Batch Start Date: 03/28/12 08:49 Batch Analyst: Patel, Silen R

Batch Method: 7470A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MER0312HS 00002	MER0312KM 00004	MER0312PP 00001	MER0312S2 00019
MB 600-75815/7		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
LCS 600-75815/8		7470A, 7470A		50 mL	50 mL	3 mL	6 mL	3.2 mL	1.5 mL
LB 600-75710/1-A		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-52117-B-1-A	IDW 3	7470A, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MERSUL 00025	METHNO3 00027				
MB 600-75815/7		7470A, 7470A		2 mL	1 mL				
LCS 600-75815/8		7470A, 7470A		2 mL	1 mL				
LB 600-75710/1-A		7470A, 7470A		2 mL	1 mL				
600-52117-B-1-A	IDW 3	7470A, 7470A	P	2 mL	1 mL				

Batch Notes	

Basis	Basis Description
P	TCLP

A12-630

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW 3	600-52117-1

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 3 Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG ID.:

Matrix: Water Date Sampled: 03/15/2012 12:10

Reporting Basis: WET Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	0.0397	0.250	0.0397	mg/L	U		1	9012
	Sulfide, Reactive	1.40	50.0	1.40	mg/L	U		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 3 | Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston | Job No.: 600-52117-1

SDG ID.:

Matrix: Water | Date Sampled: 03/15/2012 12:10

Reporting Basis: WET | Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	7.47	0.0100		SU		H	1	9040B
	Flashpoint	>186	1.00		Degrees F			1	SW846 Ch. 7

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Analyst: MB Batch Start Date: 03/26/2012

Reporting Units: SU Analytical Batch No.: 75619

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
13	CCV	09:20	pH	7.030	7.00	100	99-101		WETRPH7BUF_00015
25	CCV	09:20	pH	7.010	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Analyst: SUP Batch Start Date: 03/22/2012

Reporting Units: Degrees F Analytical Batch No.: 75477

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
9	CCV	16:00	Flashpoint	82.18	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 77293	Date: 04/16/2012 16:36	Prep Batch: 77259	Date: 04/16/2012 13:19				
7.4.4	MB 600-77259/1-A	Sulfide, Reactive	1.40	U	mg/L	50.0	1
Batch ID: 75896	Date: 03/27/2012 17:00	Prep Batch: 75813	Date: 03/27/2012 17:00				
9012	MB 600-75813/1-A	Cyanide, Reactive	0.0397	U	mg/L	0.250	1
Batch ID: 75477	Date: 03/22/2012 16:00						
SW846 Ch. 7	MB 600-75477/1	Flashpoint	>186		Degrees F	1.00	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 77293	Date: 04/16/2012 17:39		Prep Batch: 77259		Date: 04/16/2012 13:19						
7.4.4	600-52117-1	Sulfide, Reactive	1.40	U	mg/L						
7.4.4	600-52117-1 MS	Sulfide, Reactive	1.40	U	mg/L	2260	0	0-100			
Batch ID: 75896	Date: 03/27/2012 17:00		Prep Batch: 75826		Date: 03/28/2012 09:29						
9012	600-52117-1	Cyanide, Reactive	0.0397	U	mg/L						
9012	600-52117-1 MS	Cyanide, Reactive	91.13		mg/L	1000000	0.009	0-100			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 75896	Date: 03/27/2012 17:00		Prep Batch: 75826	Date: 03/28/2012 09:29				
9012	IDW 3	600-52117-1	Cyanide, Reactive	0.0397	mg/L			U
9012	IDW 3	600-52117-1 DU	Cyanide, Reactive	0.0397	mg/L	NC	20	U
Batch ID: 75477	Date: 03/22/2012 16:00							
SW846 Ch. 7	IDW 3	600-52117-1	Flashpoint	>186	Degrees F			
SW846 Ch. 7	IDW 3	600-52117-1 DU	Flashpoint	>186	Degrees F	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 77293	Date: 04/16/2012 16:36		Prep Batch: 77259			Date: 04/16/2012 13:19					
						LCS Source: SULFTSLCS_00506					
7.4.4	LCS 600-77259/2-A	Sulfide, Reactive	1.40	U	mg/L	2260	0	0-100			
Batch ID: 75896	Date: 03/27/2012 17:00		Prep Batch: 75813			Date: 03/27/2012 17:00					
						LCS Source: WETRCYANID_00016					
9012	LCS 600-75813/2-A	Cyanide, Reactive	62.65		mg/L	1000000	0.006	0-100			
Batch ID: 75619	Date: 03/26/2012 09:20										
						LCS Source: WETRPH7BUF_00015					
9040B	LCS 600-75619/1	pH	6.980		SU	7.00	100	99-101			
Batch ID: 75477	Date: 03/22/2012 16:00										
						LCS Source: WETRPXYLEN_00005					
SW846 Ch. 7	LCS 600-75477/2	Flashpoint	82.18		Degrees F	81.0	101	96.91-1 03.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9012 XMDL Date: 04/01/2011 13:46

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Cyanide, Reactive		10	1.589

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9012 MDL Date: 04/01/2011 13:46

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Cyanide, Reactive		250	39.725

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 17:51

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfide, Reactive		50	1.399

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 17:57

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		50	1.399

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B RL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B XRL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 XRL Date: 06/09/2008 16:47

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-75813/1-A	03/27/2012 17:00	75813	10		250
LCS 600-75813/2-A	03/27/2012 17:00	75813	10		250

FORM XII-IN

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
600-52117-1	03/28/2012 09:29	75826	10		250
600-52117-1 DU	03/28/2012 09:29	75826	10		250
600-52117-1 MS	03/28/2012 09:29	75826	10		250

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77259/1-A	04/16/2012 13:19	77259		10	250
LCS 600-77259/2-A	04/16/2012 13:19	77259		10	250
600-52117-1	04/16/2012 13:19	77259		10	250
600-52117-1 MS	04/16/2012 13:19	77259		10	250

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: 9012

Start Date: 03/27/2012 17:00 End Date: 03/27/2012 17:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				CNReac																				
MB 600-75813/1-A	1	T	17:00	X																				
LCS 600-75813/2-A	20	T	17:00	X																				
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
600-52117-1	1	T	17:00	X																				
600-52117-1 DU	1	T	17:00	X																				
600-52117-1 MS	20	T	17:00	X																				
ZZZZZZ			17:00																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 04/16/2012 16:36 End Date: 04/16/2012 17:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				S2Reac																				
MB 600-77259/1-A	1	T	16:36	X																				
LCS 600-77259/2-A	1	T	16:36	X																				
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
600-52117-1	1	T	16:36	X																				
600-52117-1 MS	1	T	17:39	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: 9040B

Start Date: 03/26/2012 09:20 End Date: 03/26/2012 09:20

Lab Sample ID	D / F	Type	Time	Analytes																				
				pH																				
LCS 600-75619/1	1	T	09:20	X																				
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
CCV 600-75619/13	1		09:20	X																				
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
600-52117-1	1	T	09:20	X																				
ZZZZZZ			09:20																					
CCV 600-75619/25	1		09:20	X																				
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
CCV 600-75619/32			09:20																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: SW846 Ch. 7

Start Date: 03/22/2012 16:00 End Date: 03/22/2012 16:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				FP																				
MB 600-75477/1	1	T	16:00	X																				
LCS 600-75477/2	1	T	16:00	X																				
600-52117-1	1	T	16:00	X																				
600-52117-1 DU	1	T	16:00	X																				
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
CCV 600-75477/9	1		16:00	X																				

Prep Types

T = Total/NA

335-75888
335.1-75893
Polrein- 75894

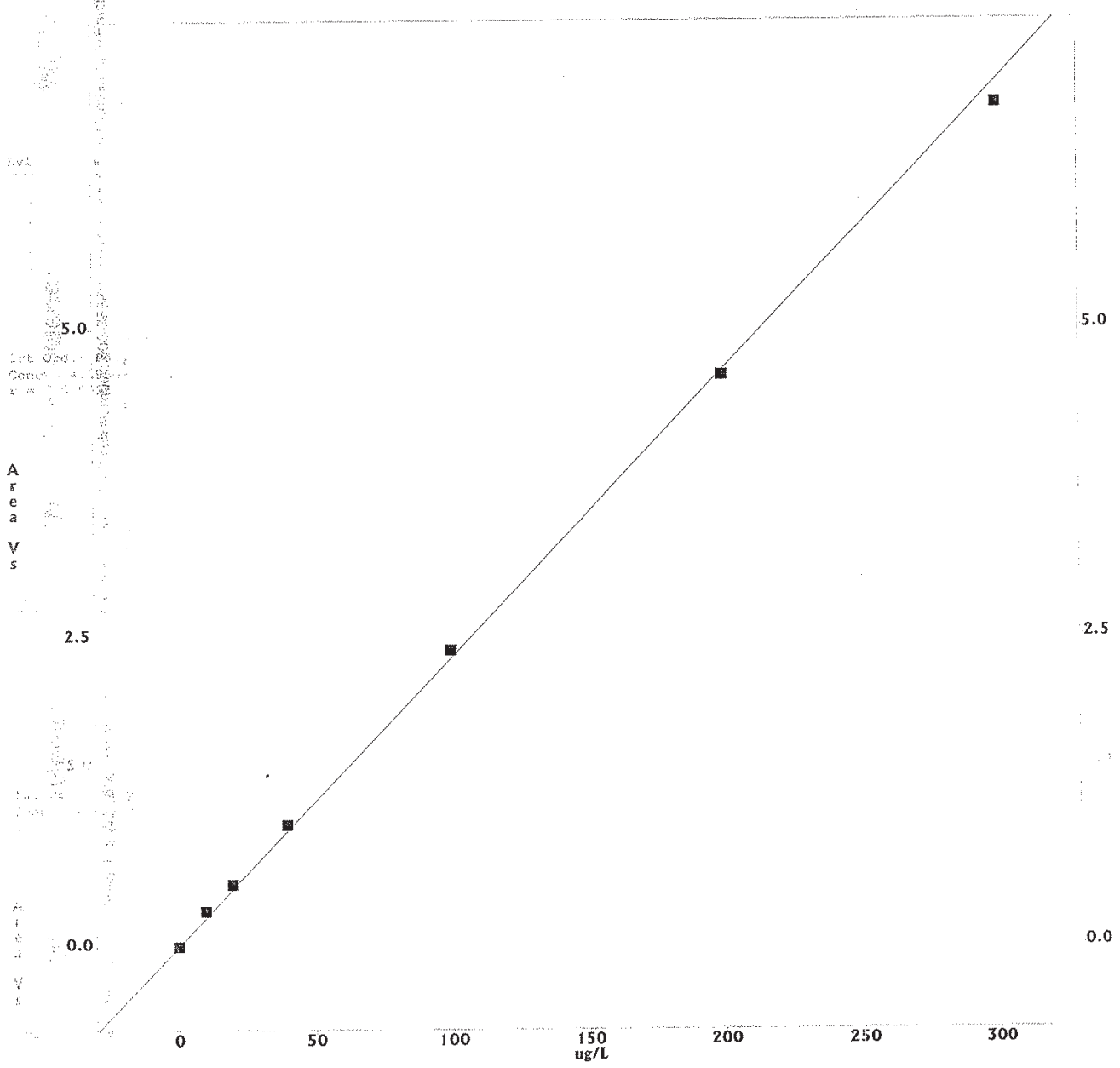
cyanide

Lvl	Area	ug/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual lst Poly
1	6806823	300	6806823					0.0	0.0	2.5
2	4620199	200	4620199					0.0	0.0	0.8
3	2397517	100	2397517					0.0	0.0	-3.0
4	983450	40	983450					0.0	0.0	-5.6
5	502029	20	502029					0.0	0.0	-7.8
6	287821	10	287821					0.0	0.0	-23.6
7	0	0	0					0.0	0.0	

lst Order Poly
Conc = 4.295e-005 Area + 1.340e-005
r = 0.9995

3/28/12

Scaling: None - Weighting: 1/X



Printed: Wednesday, March 28, 2012 - 04:44 PM

OPERATOR:	gcw
ACQ. TIME:	Mar 28, 2012 15:59:23
DATA FILENAME:	C:\OMNION\DATA\CYANIDE\032812CA.FDT
METHOD FILENAME:	C:\OMNION\METHODS\CYANIDE\CYANIDE.MET
TRAY FILENAME:	

METHOD: EPA 335.3/FIA #1

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:

Created:	Oct 7, 2003 14:14:00
Modified:	Mar 26, 2012 17:37:03

cyanide

ANALYTE DATA:

Analyte Name:	cyanide
Concentration Units:	ug/L
Chemistry:	Direct
Inject to Peak Start (s):	25.0
Peak Base Width (s):	42.000
% Width Tolerance:	50.000
Threshold:	5000.000
Autodilution Trigger:	Off
QuikChem Method:	

CALIBRATION DATA:

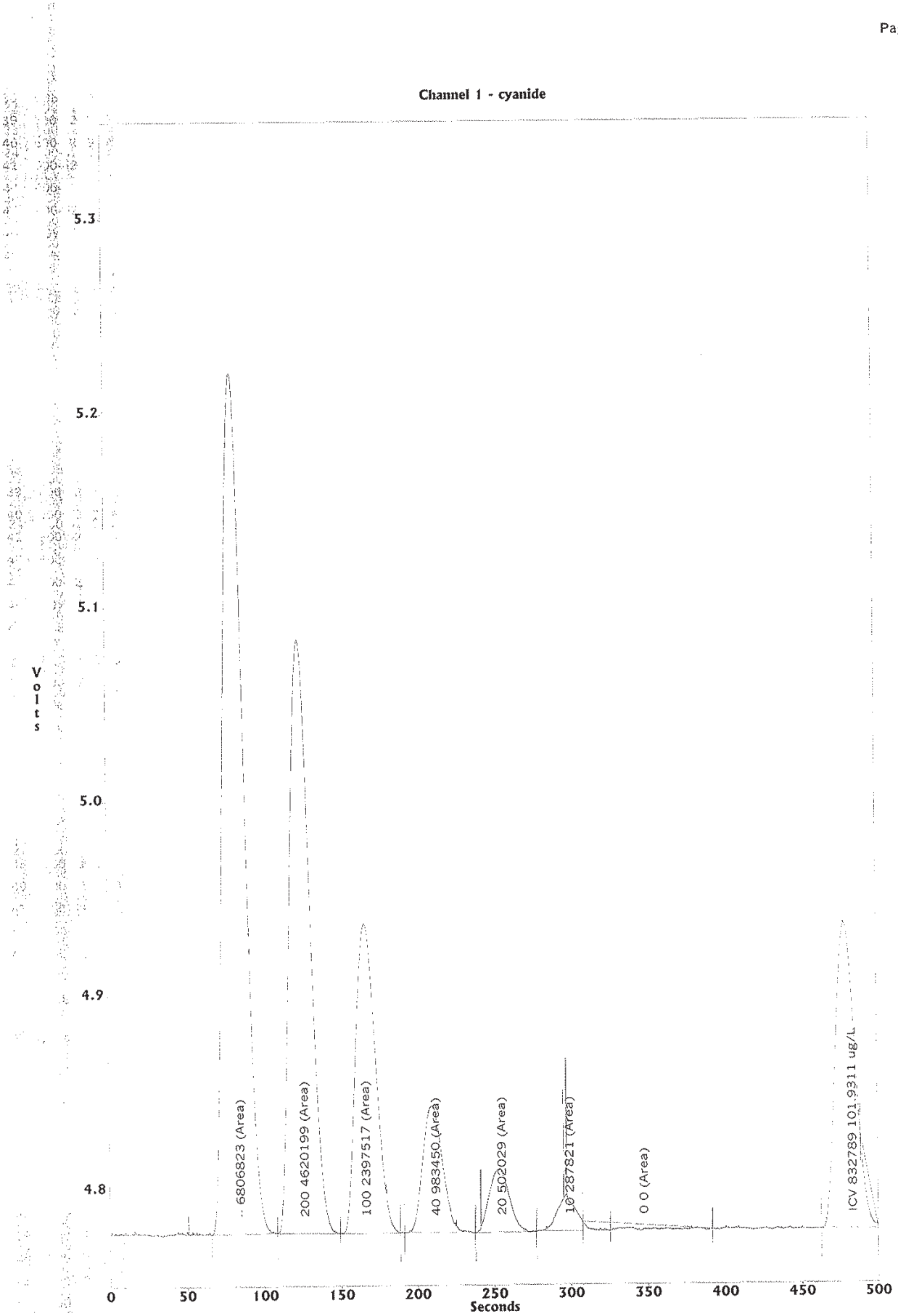
Levels:

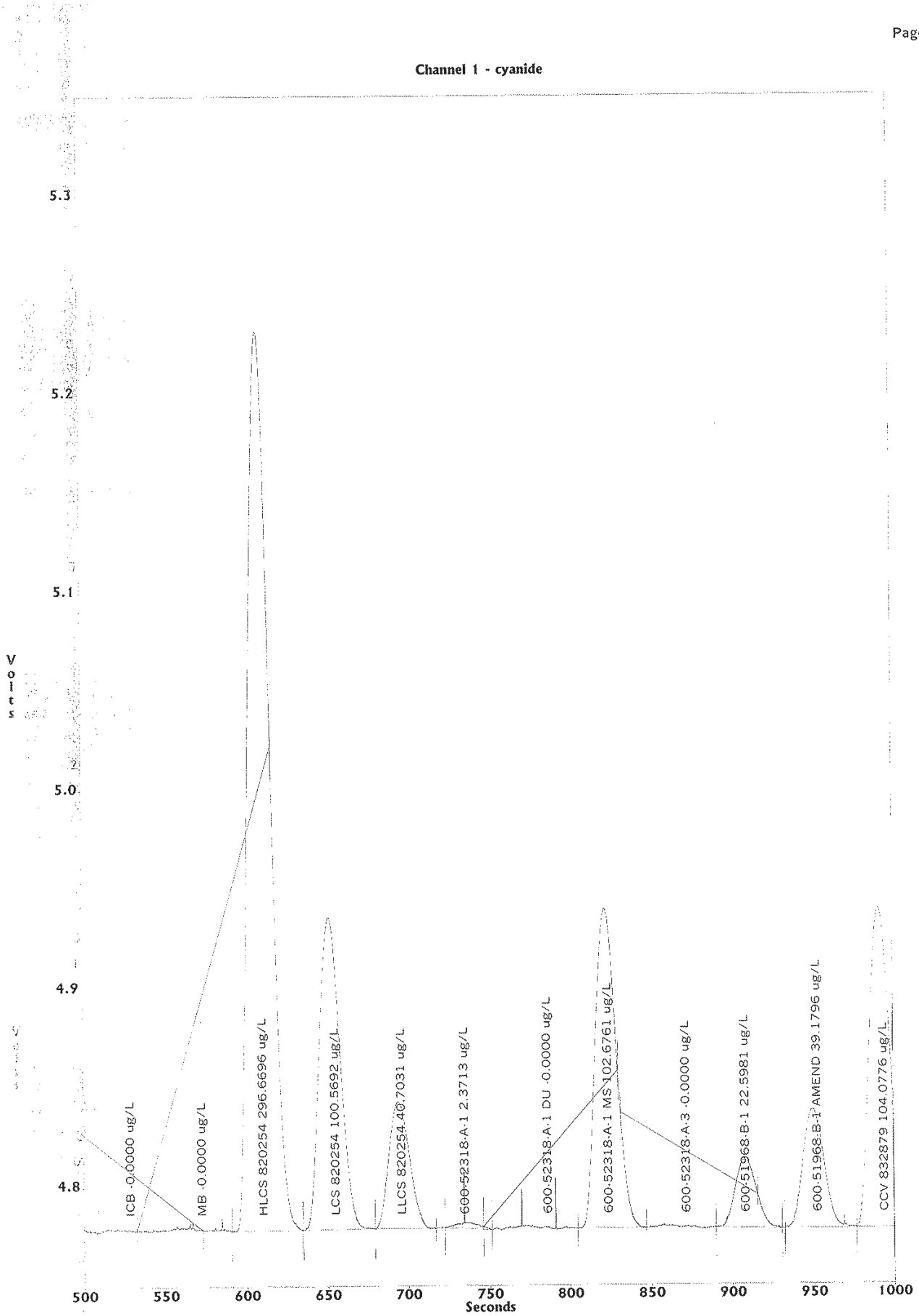
1 : 300.000 2 : 200.000 3 : 100.000 4 : 40.000
5 : 20.000 6 : 10.000 7 : 0.000

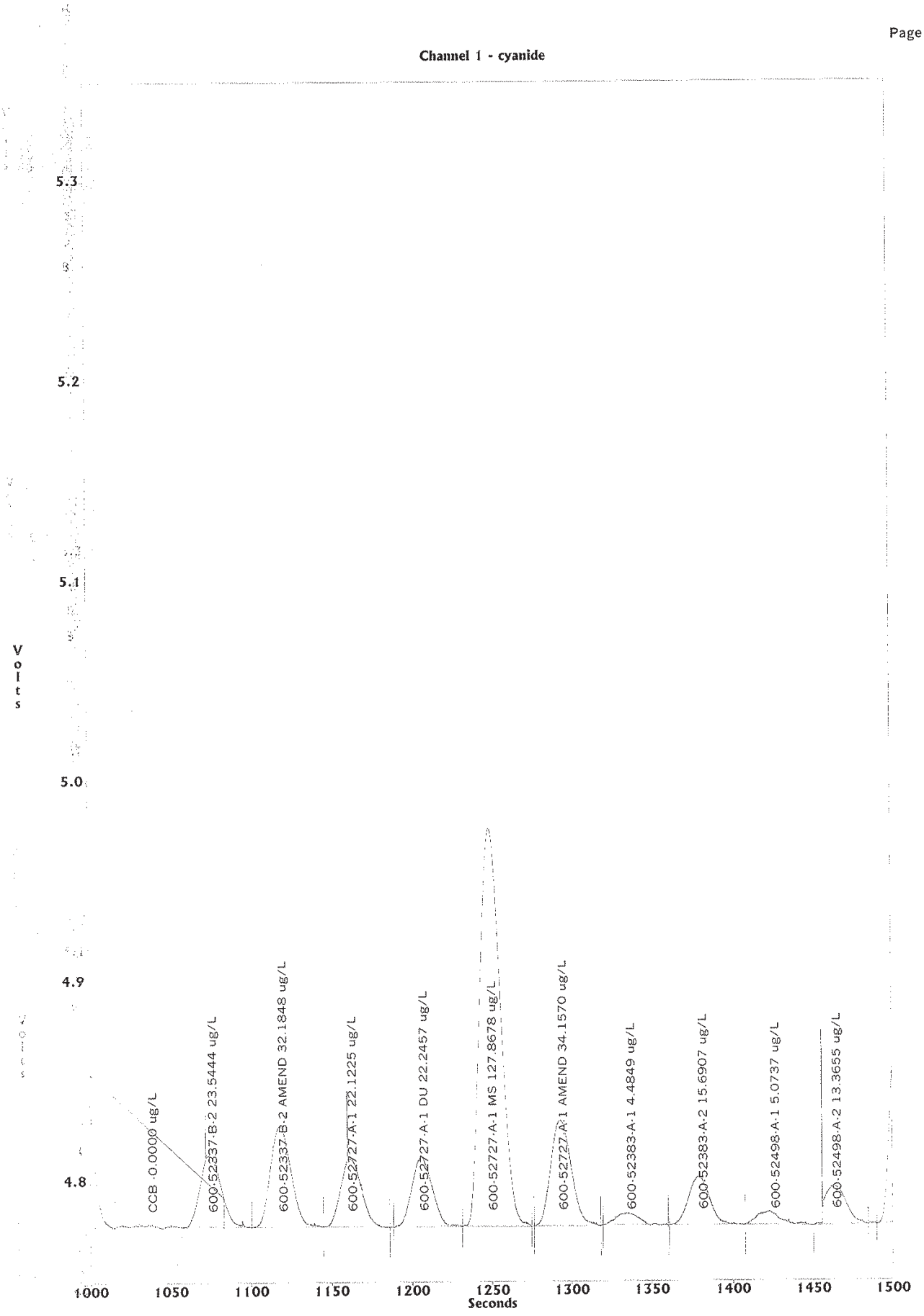
Calibration Rep Handling:	Replace
Calibration Fit Type:	1st Order Poly
Force Though Zero:	No
Weighting Method:	1/X
Concentration Scaling:	None

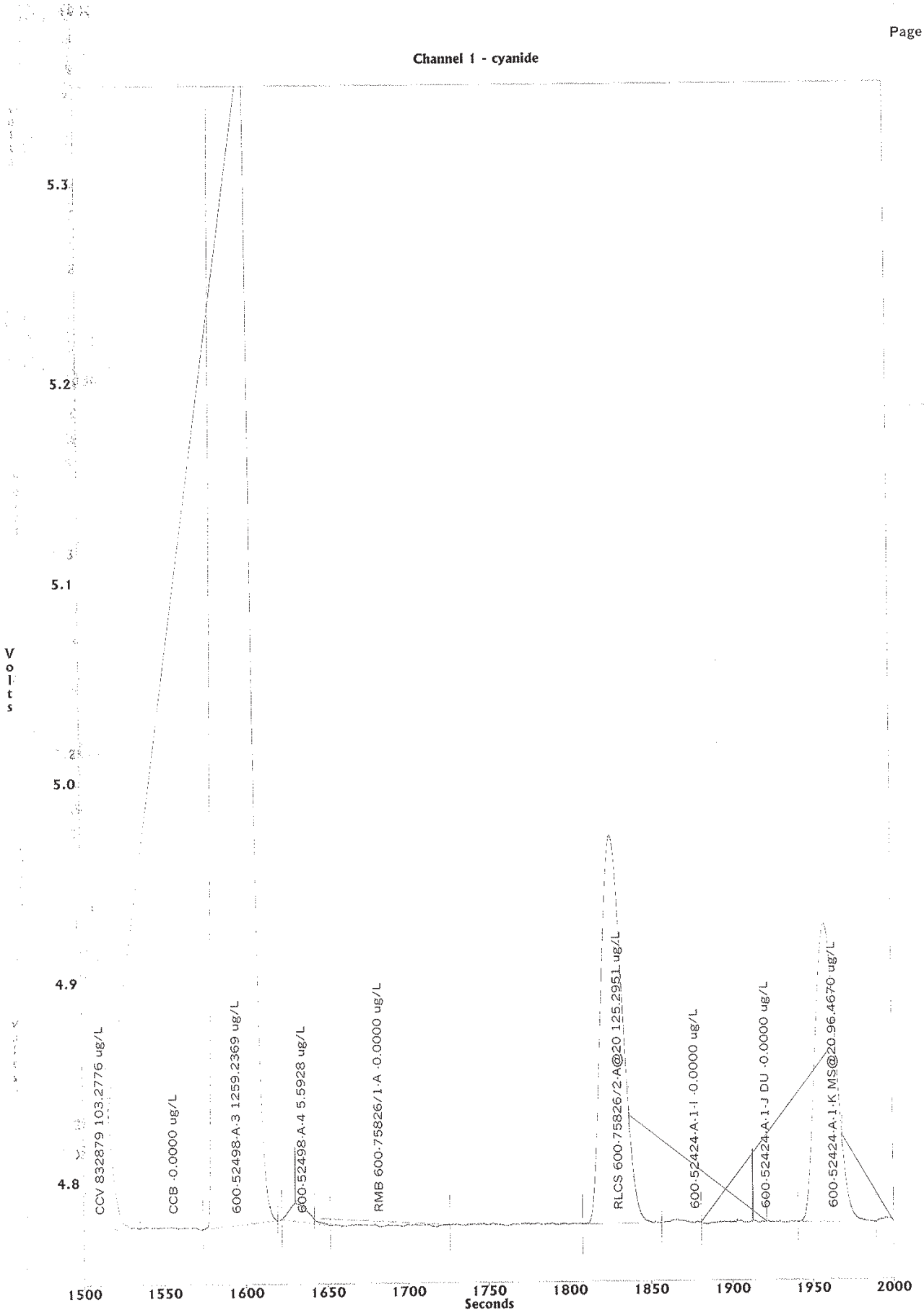
Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 1 -- Cup Range: 1 to 50

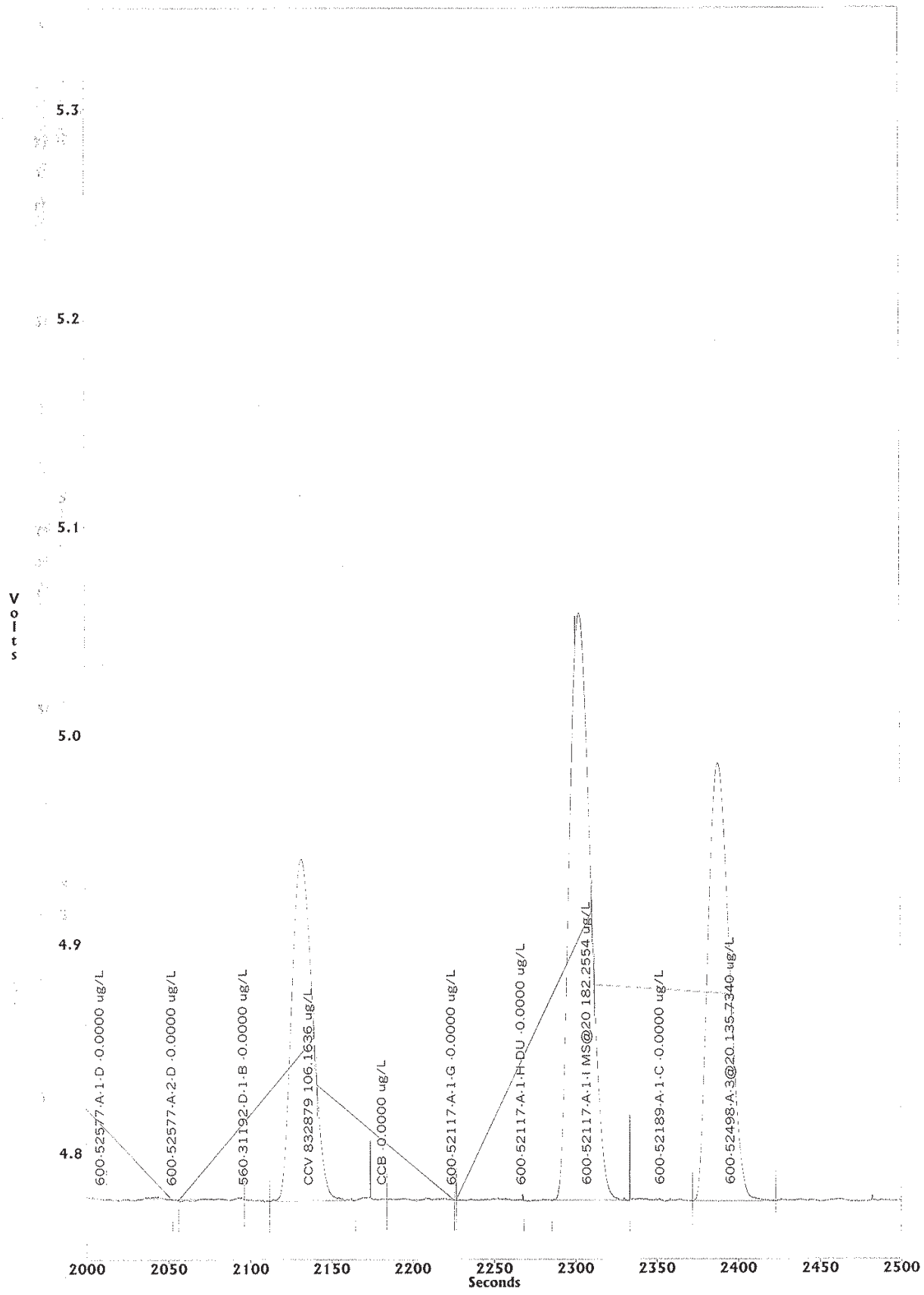
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (ug/L)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV 832789	28 Mar 2012	16:06:02	1	101.93108	1.0	1.00	1.00000	
2	ICB	28 Mar 2012	16:06:46	1	-0.00001	1.0	1.00	1.00000	
3	MB	28 Mar 2012	16:07:30	1	-0.00001	1.0	1.00	1.00000	
4	HLCS 820254	28 Mar 2012	16:08:12	1	296.66959	1.0	1.00	1.00000	
5	LCS 820254	28 Mar 2012	16:08:55	1	100.56921	1.0	1.00	1.00000	
6	LLCS 820254	28 Mar 2012	16:09:38	1	40.70315	1.0	1.00	1.00000	
7	600-52318-A-1	28 Mar 2012	16:10:20	1	2.37134	1.0	1.00	1.00000	
8	600-52318-A-1 DU	28 Mar 2012	16:11:03	1	-0.00001	1.0	1.00	1.00000	
9	600-52318-A-1 MS	28 Mar 2012	16:11:46	1	102.67609	1.0	1.00	1.00000	
10	600-52318-A-3	28 Mar 2012	16:12:29	1	-0.00001	1.0	1.00	1.00000	
11	600-51968-B-13 3 600 3/28/12	28 Mar 2012	16:13:11	1	22.59814	1.0	1.00	1.00000	
12	600-51968-B-1 AMEND	28 Mar 2012	16:13:53	1	39.17959	1.0	1.00	1.00000	
13	CCV 832879	28 Mar 2012	16:14:35	1	104.07757	1.0	1.00	1.00000	
14	CCB	28 Mar 2012	16:15:16	1	-0.00001	1.0	1.00	1.00000	
15	600-52337-B-2	28 Mar 2012	16:15:58	1	23.54439	1.0	1.00	1.00000	
16	600-52337-B-2 AMEND	28 Mar 2012	16:16:42	1	32.18481	1.0	1.00	1.00000	
17	600-52727-A-1	28 Mar 2012	16:17:26	1	22.12255	1.0	1.00	1.00000	
18	600-52727-A-1 DU	28 Mar 2012	16:18:09	1	22.24570	1.0	1.00	1.00000	
19	600-52727-A-1 MS	28 Mar 2012	16:18:53	1	127.86776	1.0	1.00	1.00000	
20	600-52727-A-1 AMEND	28 Mar 2012	16:19:37	1	34.15698	1.0	1.00	1.00000	
21	600-52383-A-1	28 Mar 2012	16:20:20	1	4.48488	1.0	1.00	1.00000	
22	600-52383-A-2	28 Mar 2012	16:21:02	1	15.69073	1.0	1.00	1.00000	
23	600-52498-A-1	28 Mar 2012	16:21:45	1	5.07371	1.0	1.00	1.00000	
24	600-52498-A-2	28 Mar 2012	16:22:28	1	13.36555	1.0	1.00	1.00000	
25	CCV 832879	28 Mar 2012	16:23:10	1	103.27758	1.0	1.00	1.00000	
26	CCB	28 Mar 2012	16:23:53	1	-0.00001	1.0	1.00	1.00000	
27	600-52498-A-3	28 Mar 2012	16:24:36	1	1259.23694	1.0	1.00	1.00000	
28	600-52498-A-4	28 Mar 2012	16:25:17	1	5.59277	1.0	1.00	1.00000	
29	RMB 600-75826/1-A	28 Mar 2012	16:25:59	1	-0.00001	1.0	1.00	1.00000	
30	RLCS 600-75826/2-A@20	28 Mar 2012	16:28:31	1	125.29512	1.0	1.00	1.00000	
31	600-52424-A-1-I	28 Mar 2012	16:29:14	1	-0.00001	1.0	1.00	1.00000	
32	600-52424-A-1-J DU	28 Mar 2012	16:29:58	1	-0.00001	1.0	1.00	1.00000	
33	600-52424-A-1-K MS@20	28 Mar 2012	16:30:42	1	96.46699	1.0	1.00	1.00000	
34	600-52577-A-1-D	28 Mar 2012	16:31:26	1	-0.00001	1.0	1.00	1.00000	
35	600-52577-A-2-D	28 Mar 2012	16:32:09	1	-0.00001	1.0	1.00	1.00000	
36	560-31192-D-1-B	28 Mar 2012	16:32:53	1	-0.00001	1.0	1.00	1.00000	
37	CCV 832879	28 Mar 2012	16:33:36	1	106.16362	1.0	1.00	1.00000	
38	CCB	28 Mar 2012	16:34:19	1	-0.00001	1.0	1.00	1.00000	
39	600-52117-A-1-G	28 Mar 2012	16:35:01	1	-0.00001	1.0	1.00	1.00000	
40	600-52117-A-1-H DU	28 Mar 2012	16:35:44	1	-0.00001	1.0	1.00	1.00000	
41	600-52117-A-1-I MS@20	28 Mar 2012	16:36:27	1	182.25539	1.0	1.00	1.00000	
42	600-52189-A-1-C	28 Mar 2012	16:37:09	1	-0.00001	1.0	1.00	1.00000	
43	600-52498-A-3@20	28 Mar 2012	16:37:52	1	135.73401	1.0	1.00	1.00000	
44	CCV 832879	28 Mar 2012	16:40:12	1	104.51468	1.0	1.00	1.00000	
45	CCB	28 Mar 2012	16:40:54	1	-0.00001	1.0	1.00	1.00000	

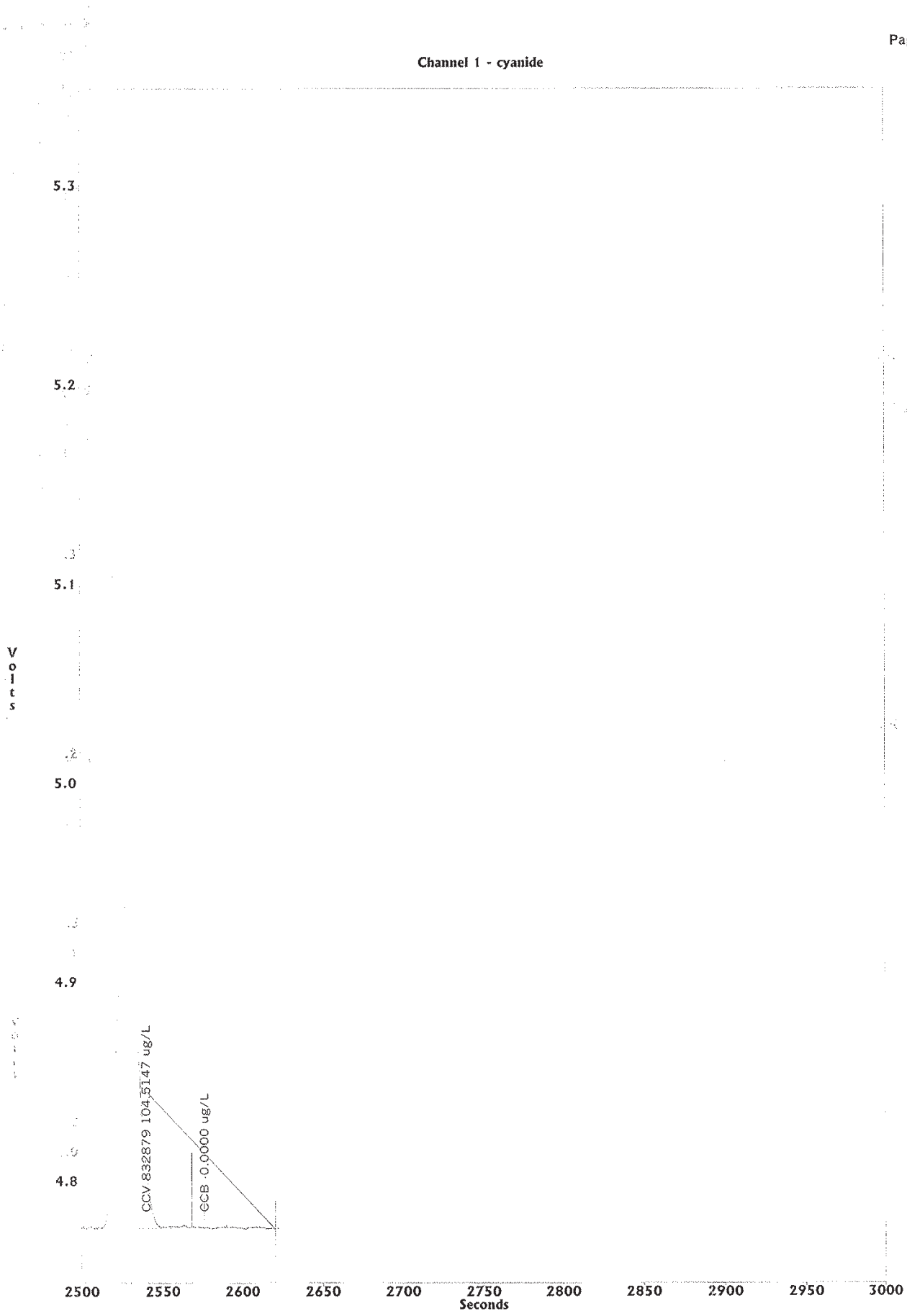

Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
6806823 (Area)
200 4620199 (Area)
100 2397517 (Area)
40 983450 (Area)
20 502029 (Area)
10 287821 (Area)
0 0 (Area)
ICV 832789 101.9311 ug/L
0
50
100
150
200
250
300
350
400
450
500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
ICB 0.0000 ug/L
MB 0.0000 ug/L
HLCS 820254 296.6696 ug/L
LCS 820254 100.5692 ug/L
LLCS 820254 40.7031 ug/L
600-52318-A-1 2.3713 ug/L
600-52318-A-1 DU 0.0000 ug/L
600-52318-A-1 MS 102.6761 ug/L
600-52318-A-3 0.0000 ug/L
600-51968-B-1 22.5981 ug/L
600-51968-B-1 AMEND 39.1796 ug/L
CCV 832879 104.0776 ug/L
500
550
600
650
700
750
800
850
900
950
1000
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCB 0.0000 ug/L
600-52337-B-2 23.5444 ug/L
600-52337-B-2 AMEND 32.1848 ug/L
600-52727-A-1 22.1225 ug/L
600-52727-A-1 DU 22.2457 ug/L
600-52727-A-1 MS 127.8678 ug/L
600-52727-A-1 AMEND 34.1570 ug/L
600-52383-A-1 4.4849 ug/L
600-52383-A-2 15.6907 ug/L
600-52498-A-1 5.0737 ug/L
600-52498-A-2 13.3655 ug/L
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
CCV 832879 103.2776 ug/L
CCB -0.0000 ug/L
600-52498-A-3 1259.2369 ug/L
600-52498-A-4 5.5928 ug/L
RMB 600-75826/1-A -0.0000 ug/L
RLCS 600-75826/2-A@20 125.2951 ug/L
600-52424-A-1-I -0.0000 ug/L
600-52424-A-1-J DU -0.0000 ug/L
600-52424-A-1-K MS@20 96.4670 ug/L
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
600-52577-A-1-D 0.0000 ug/L
600-52577-A-2-D 0.0000 ug/L
560.31192-D-1-B 0.0000 ug/L
CCV 832879 106.1636 ug/L
CCB 0.0000 ug/L
600-52117-A-1-G 0.0000 ug/L
600-52117-A-1-H-DU 0.0000 ug/L
600-52117-A-1-I MS@20 182.2554 ug/L
600-52189-A-1-C 0.0000 ug/L
600-52498-A-3@20 135.7340 ug/L
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCV 832879 104.5147 ug/L
CCB -0.0000 ug/L
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
Seconds

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 3/26/12 0920 Analyst: MB Slope: 96.67 Balance ID: B2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 586735 Batch #: 75619

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	21.8	
Calibrate 7.00	7.00	21.9	
Calibrate 10.00	10.00	22.1	
LCS/ICV	6.98	21.3	TV= 7.00 std. units
52223 - A1	6.89	21.5	WATER
Duplicate ↓ A1	6.89	21.5	↓
52224 A1	7.52	21.4	
52225 A1	8.01	21.6	
52256 H1	8.04	21.8	
52256 G2	7.28	21.7	
52381 A1	7.44	21.6	
↓ A2	7.34	21.7	
↓ A3	7.40	21.8	
52380 A1	7.53	21.8	
52306 B1	7.48	21.7	
CCV	7.03	21.9	TV= 7.00 std. units
52486 A1	7.72	21.8	WATER
Duplicate ↓ A1	7.72	21.8	↓
52448 B1	7.44	22.0	
51958 A1	7.42	22.2	
↓ A2	7.37	21.9	
↓ A3	7.87	21.9	
52027 A2	6.91	21.8	
↓ A1	4.48	22.3	
52508 B1	7.34	21.7	
52117 A1	7.47	24.0	
52505 A1	5.61	21.9	↓
CCV	7.01	22.1	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: MC **Date:** 3/26/12

SCANNED

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time:_____ Analyst:_____ Slope: 96.67 Balance ID: B2

Buffer ID: 4.00; 7.00; 10.00; LCS/ICV/CCV ID:_____

1.00; _____, 13.00; _____ Batch #: 75619

cont'd

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00			
Calibrate 7.00			
Calibrate 10.00			
LCS/ICV	7.04	22.2	TV= 7.00 std. units
52390 A1	8.42	23.0	WASTE
Duplicate ↓ A1	8.42	23.0	↓
52392 A1	5.40	24.8	
394 A1	7.80	22.8	
399 A1	10.08	22.5	
	3/26/12	MB	
CCV	7.03	22.2	TV=7.00 std. units
Duplicate			
CCV			TV=_____ std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ Date 3/26/12

SCANNED

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 3/22/12 16.00 Analyst: SP Barometric Reading (mm Hg): 757

Thermometer ID: 540 Batch #: 75477

LCS True Value: 81 LCS ID: 570596 (closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	>186	>186	
	LCS	82.0	82.18	
823174	52117-A1	>186	>186	1610
	DU	>186	>186	
824068	52189-A1	>186	>186	
825239	52256-I1	>186	>186	
↓ 249	H2	>186	>186	
827721	52399-A1	>186	>186	
	CCV	82.0	82.18	

SP 3/22/12

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

Reviewed By: _____ Date: 3/23/12

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75813 Batch Start Date: 03/27/12 17:00 Batch Analyst: Sineva, Ekaterina

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00491	WETRCYANID 00016		
MB 600-75813/1		7.3.4, 9012		10 g	250 mL				
LCS 600-75813/2		7.3.4, 9012		10 g	250 mL	10 mL	10 mL		

Batch Notes	

Basis	Basis Description

A12-668

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75826 Batch Start Date: 03/28/12 09:29 Batch Analyst: Walker, Gerald (Gerry) C

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
600-52117-A-1	IDW 3	7.3.4, 9012	T	10 g	250 mL				
600-52117-A-1 DU	IDW 3	7.3.4, 9012	T	10 g	250 mL				
600-52117-A-1 MS	IDW 3	7.3.4, 9012	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-669

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75896 Batch Start Date: 03/28/12 16:25 Batch Analyst: Walker, Gerald (Gerry) C

Batch Method: 9012 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WETRCYANID 00016			
MB 600-75813/1-A		9012		5 mL	5 mL				
LCS 600-75813/2-A		9012		5 mL	5 mL	10 mL			
600-52117-A-1-G	IDW 3	9012	T	5 mL	5 mL				
600-52117-A-1-H DU	IDW 3	9012	T	5 mL	5 mL				
600-52117-A-1-I MS	IDW 3	9012	T	5 mL	5 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-670

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 77259 Batch Start Date: 04/16/12 13:19 Batch Analyst: Stephney, Amy

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00506	WETRCYANID 00016		
MB 600-77259/1		7.3.4, 7.4.4		10 mL	250 mL				
LCS 600-77259/2		7.3.4, 7.4.4		10 mL	250 mL	10 mL	10 mL		
600-52117-A-1	IDW 3	7.3.4, 7.4.4	T	10 mL	250 mL				
600-52117-A-1 MS	IDW 3	7.3.4, 7.4.4	T	10 mL	250 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-671

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 77293 Batch Start Date: 04/16/12 16:36 Batch Analyst: Sineva, Ekaterina

Batch Method: 7.4.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 600-77259/1-A		7.4.4		100 mL	100 mL				
LCS 600-77259/2-A		7.4.4		100 mL	100 mL				
600-52117-A-1-J	IDW 3	7.4.4	T	100 mL	100 mL				
600-52117-A-1-K MS	IDW 3	7.4.4	T	100 mL	100 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-672

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75619 Batch Start Date: 03/26/12 09:20 Batch Analyst: Boza, Michael

Batch Method: 9040B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
LCS 600-75619/1		9040B		50 mL	21.3 Celsius	6.98 SU	pH = Read 1	50 mL	
CCV 600-75619/13		9040B		50 mL	21.9 Celsius	7.03 SU	pH = Read 1	50 mL	
600-52117-A-1	IDW 3	9040B	T	50 mL	24.0 Celsius	7.47 SU	pH = Read 1		
CCV 600-75619/25		9040B		50 mL	22.1 Celsius	7.01 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-673

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75477 Batch Start Date: 03/22/12 16:00 Batch Analyst: Puranik, Surendra U

Batch Method: SW846 Ch. 7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WETRPXYLEN 00005				
LCS 600-75477/2		SW846 Ch. 7		60 mL	60 mL				
CCV 600-75477/9		SW846 Ch. 7		60 mL	60 mL				

Batch Notes	

Basis	Basis Description

A12-674

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
PBW, LLC	Chris Moore, chris.moore@pbwllc.com	3/15/2012	205033
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2201 Double Creek Dr, Ste 4004	(512) 671-3434 / (512) 671-3446		
City / State / Zip Code	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Round Rock / TX / 78664	Chris Moore	Sachin K	
Project Name and Location (State)	**Carrier/Waybill Number**		
Exide Frisco Recycling Center			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Total Pb	TCLP RCRA 8	RCI	Special Instructions/ Conditions of Receipt
IDW 3	3/15/12	1210		X									X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/15/12	1528	1. Received By	3/16/12	909
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52117-1

Login Number: 52117

List Number: 1

Creator: Trenery, Michael J

List Source: TestAmerica Houston

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ANALYTICAL REPORT

Job Number: 600-49143-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/2/2012 2:04 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/02/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Method Summary 28
Method / Analyst Summary 30
Sample Summary 31
Sample Results 32
Sample Datasheets 33
Data Qualifiers 46
QC Results 47
Qc Association Summary 48
Surrogate Recovery Report 53
Qc Reports 55
Raw Data 70
Client Chain of Custody 678
Sample Receipt Checklist 679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-49143-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		03/02/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-70933, 70973- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-70933, 70973- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-70933, 70973- Ignitability (Flashpoint)
ER #[1]	**DESCRIPTION**

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 71179 & 71295 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?		X			1
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?			X		
		Were blanks analyzed at the appropriate frequency?			X		
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			X		
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 71179 & 71295 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 71179 & 71295 - pH

ER #[1]	DESCRIPTION
1	The EPA has clarified that the Analyzed Immediately holding time is fifteen minutes from sample collection time. As a result, the holding times for pH had already expired by the time the samples arrived at our laboratory.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-71253-Reactivity, CN and SFD

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-71253-Reactivity, CN and SFD

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-71253-Reactivity, CN and SFD

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70836(TCLP), 70604(water), 71001(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70836(TCLP), 70604(water), 71001(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?		X			4
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			5
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70836(TCLP), 70604(water), 71001(soil)- ICP

ER #[1]	DESCRIPTION
1	Barium was detected above the MDL, but below the MQL in the leachate blank for batch 70806. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
2	The lead recovery in sample 49143-1 MS was above and in sample 49143-1 MSD was below acceptance limits due to matrix interference. Method performance is demonstrated by an acceptable LCS recovery.
3	The lead RPD between samples 49143-1 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
4	Cadmium was detected above the MDL in the ICB for batch 70888. Cadmium was detected above the MDL in the CCB analyzed on 01/25/12 at 16:11. Since the concentrations were below the MQL, no corrective action was required.
5	The lead percent difference between samples 49143-1 and 49143-1 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70863- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?				X	1
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70863- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70863- Mercury

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS/MSD.
2	The laboratory selected another client's sample to perform as the DUP.
3	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: RJV	Prep Batch Number(s): 600-71005(W), 70966(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: RJV	Prep Batch Number(s): 600-71005(W), 70966(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?		X			1
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: RJV	Prep Batch Number(s): 600-71005(W), 70966(S)- TX1005

ER #[1]	DESCRIPTION
1	The continuing calibration verification (CCV) analyzed on 01/28/12 at 02:38 for analytical batch 71145 exceeded control criteria for o-Terphenyl. The surrogate was biased high and bracketed sample 600-49143-6 only. The surrogate recovery in this sample was within acceptance limits; therefore, the data have been qualified and reported.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix:	Water
Method:	7470, 245.1
Preparation:	7470p, 245.1p
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	FIMS100
TALs Batches:	69113
Units:	ug/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	0.026	0.0625	0.049164	0.2

Detection Check Standard

Matrix:	Soil
Method:	7471
Preparation:	7471p
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	FIMS100
TALS Batches:	69103
Prep/Reagent Factor =	83.33
Units:	ug/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	1.67	2.29	1.59	50

Detection Check Standard

Matrix:	Soil
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	BO80211_034.d
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	4.67	10	12.86	25
>C12-C28	6.06	10	9.43	25
Total C6-C35	9.59	20	22.28	25

Detection Check Standard

Matrix:	Water
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	B080211_034.d
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	0.37	5	4.97	5
>C12-C28	0.32	5	5.16	5
Total C6-C35	0.56	10	10.13	5

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC | Job Number: 600-49143-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_S_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Metals (ICP)	TAL HOU	SW846 6010B	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Total Metals	TAL HOU		SW846 3010A
Mercury (CVAA)	TAL HOU	SW846 7470A	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Mercury	TAL HOU		SW846 7470A
Reactive Sulfide	TAL HOU	EPA 7.4.4	
Sulfide, Reactive	TAL HOU		SW846 7.3.4
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Corrosivity	TAL HOU	SW846 9045C	
Flashpoint	TAL HOU	ASTM D92	
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_W_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Metals (ICP)	TAL HOU	SW846 6010B	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Total Metals	TAL HOU		SW846 3010A
Mercury (CVAA)	TAL HOU	SW846 7470A	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Mercury	TAL HOU		SW846 7470A
Reactive Sulfide	TAL HOU	EPA 7.4.4	
Sulfide, Reactive	TAL HOU		SW846 7.3.4
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Corrosivity as pH	TAL HOU	SW846 9040B	
Ignitability	TAL HOU	SW846 SW846 Ch. 7	

Lab References:

TAL HOU = TestAmerica Houston

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49143-1

Description	Lab Location	Method	Preparation Method

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49143-1

Method	Analyst	Analyst ID
TCEQ TX 1005	Vanderborgh, Raymond	RV
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
SW846 7470A	Lige, Derrick C	DCL
EPA 7.4.4	Grimm, Brandon D	BDG
SW846 9012	Grimm, Brandon D	BDG
SW846 9040B	Boza, Michael	MB
SW846 9045C	Boza, Michael	MB
ASTM D92	Puranik, Surendra U	SUP
EPA Moisture	Puranik, Surendra U	SUP
SW846 SW846 Ch. 7	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-49143-1	2012-FWCS-7	Solid	01/19/2012 1110	01/20/2012 0937
600-49143-1MS	2012-FWCS-7	Solid	01/19/2012 1110	01/20/2012 0937
600-49143-1MSD	2012-FWCS-7	Solid	01/19/2012 1110	01/20/2012 0937
600-49143-2	2012-FWCS-6	Solid	01/19/2012 1040	01/20/2012 0937
600-49143-3	2012-FWCS-5	Solid	01/19/2012 1206	01/20/2012 0937
600-49143-4	2012-FWCS-4	Solid	01/19/2012 1231	01/20/2012 0937
600-49143-5	2012-FWCS-3	Solid	01/19/2012 1255	01/20/2012 0937
600-49143-6	2012-FWCS-2	Solid	01/19/2012 1319	01/20/2012 0937
600-49143-7	Field Blank 4	Water	01/19/2012 1445	01/20/2012 0937
600-49143-8	IDW 1	Solid	01/19/2012 1539	01/20/2012 0937
600-49143-9	IDW 2	Water	01/19/2012 1551	01/20/2012 0937
600-49143-10	Equipment Blank 8	Water	01/19/2012 1609	01/20/2012 0937
600-49143-11	Trip Blank 1/14/12	Water	01/14/2012 0000	01/20/2012 0937

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-7

Lab Sample ID: 600-49143-1
Client Matrix: Solid

Date Sampled: 01/19/2012 11:10
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	30			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	70			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.583			0.0256	0.250	0.0365	mg/Kg	71181	01/30/2012 13:32	1	SRP
Lead	7439-92-1	63.9			0.105	0.500	0.149	mg/Kg	71181	01/30/2012 13:32	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.66	U		4.67	25.0	6.66	mg/Kg	71169	01/27/2012 16:55	1	RV
>C12-C28	STL00035	8.64	U		6.06	25.0	8.64	mg/Kg	71169	01/27/2012 16:55	1	RV
>C28-C35	STL00147	13.7	U		9.59	25.0	13.7	mg/Kg	71169	01/27/2012 16:55	1	RV
C6-C35	STL00006	13.7	U		9.59	25.0	13.7	mg/Kg	71169	01/27/2012 16:55	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.9	17.8	89	70-130		FID07	70966	01/27/2012 16:55	1	RV

A12-709

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-6

Lab Sample ID: 600-49143-2
Client Matrix: Solid

Date Sampled: 01/19/2012 10:40
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	26			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	74			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.900			0.0256	0.250	0.0332	mg/Kg	71181	01/30/2012 13:47	1	SRP
Lead	7439-92-1	253			0.105	0.500	0.136	mg/Kg	71181	01/30/2012 13:47	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.33	U		4.67	25.0	6.33	mg/Kg	71169	01/27/2012 18:38	1	RV
>C12-C28	STL00035	8.21	U		6.06	25.0	8.21	mg/Kg	71169	01/27/2012 18:38	1	RV
>C28-C35	STL00147	13.0	U		9.59	25.0	13.0	mg/Kg	71169	01/27/2012 18:38	1	RV
C6-C35	STL00006	13.0	U		9.59	25.0	13.0	mg/Kg	71169	01/27/2012 18:38	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		14.9	16.9	88	70-130		FID07	70966	01/27/2012 18:38	1	RV

A12-710

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-5

Lab Sample ID: 600-49143-3
Client Matrix: Solid

Date Sampled: 01/19/2012 12:06
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	24			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	76			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.30			0.0256	0.250	0.0324	mg/Kg	71181	01/30/2012 13:51	1	SRP
Lead	7439-92-1	224			0.105	0.500	0.132	mg/Kg	71181	01/30/2012 13:51	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.12	U		4.67	25.0	6.12	mg/Kg	71169	01/27/2012 19:13	1	RV
>C12-C28	STL00035	7.95	U		6.06	25.0	7.95	mg/Kg	71169	01/27/2012 19:13	1	RV
>C28-C35	STL00147	12.6	U		9.59	25.0	12.6	mg/Kg	71169	01/27/2012 19:13	1	RV
C6-C35	STL00006	12.6	U		9.59	25.0	12.6	mg/Kg	71169	01/27/2012 19:13	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.0	16.4	92	70-130		FID07	70966	01/27/2012 19:13	1	RV

A12-711

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-4

Lab Sample ID: 600-49143-4
Client Matrix: Solid

Date Sampled: 01/19/2012 12:31
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	29			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	71			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.116	J		0.0256	0.250	0.0362	mg/Kg	71181	01/30/2012 13:55	1	SRP
Lead	7439-92-1	158			0.105	0.500	0.148	mg/Kg	71181	01/30/2012 13:55	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.58	U		4.67	25.0	6.58	mg/Kg	71169	01/27/2012 19:47	1	RV
>C12-C28	STL00035	8.54	U		6.06	25.0	8.54	mg/Kg	71169	01/27/2012 19:47	1	RV
>C28-C35	STL00147	13.5	U		9.59	25.0	13.5	mg/Kg	71169	01/27/2012 19:47	1	RV
C6-C35	STL00006	13.5	U		9.59	25.0	13.5	mg/Kg	71169	01/27/2012 19:47	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.9	17.6	90	70-130		FID07	70966	01/27/2012 19:47	1	RV

A12-712

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-3

Lab Sample ID: 600-49143-5
Client Matrix: Solid

Date Sampled: 01/19/2012 12:55
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	77			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.145	J		0.0256	0.250	0.0320	mg/Kg	71181	01/30/2012 13:58	1	SRP
Lead	7439-92-1	35.0			0.105	0.500	0.131	mg/Kg	71181	01/30/2012 13:58	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.05	U		4.67	25.0	6.05	mg/Kg	71145	01/27/2012 19:47	1	RV
>C12-C28	STL00035	7.85	U		6.06	25.0	7.85	mg/Kg	71145	01/27/2012 19:47	1	RV
>C28-C35	STL00147	12.4	U		9.59	25.0	12.4	mg/Kg	71145	01/27/2012 19:47	1	RV
C6-C35	STL00006	12.4	U		9.59	25.0	12.4	mg/Kg	71145	01/27/2012 19:47	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		16.8	16.2	104	70-130		FID07	70966	01/27/2012 19:47	1	RV

A12-713

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-2

Lab Sample ID: 600-49143-6
Client Matrix: Solid

Date Sampled: 01/19/2012 13:19
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	20			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	80			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.0756	J		0.0256	0.250	0.0313	mg/Kg	71181	01/30/2012 14:10	1	SRP
Lead	7439-92-1	23.6			0.105	0.500	0.128	mg/Kg	71181	01/30/2012 14:10	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	5.85	U		4.67	25.0	5.85	mg/Kg	71145	01/27/2012 20:56	1	RV
>C12-C28	STL00035	30.5	J		6.06	25.0	7.59	mg/Kg	71145	01/27/2012 20:56	1	RV
>C28-C35	STL00147	12.0	U		9.59	25.0	12.0	mg/Kg	71145	01/27/2012 20:56	1	RV
C6-C35	STL00006	30.5	J		9.59	25.0	12.0	mg/Kg	71145	01/27/2012 20:56	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		16.8	15.7	107	70-130		FID07	70966	01/27/2012 20:56	1	RV

A12-714

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Field Blank 4

Lab Sample ID: 600-49143-7
Client Matrix: Water

Date Sampled: 01/19/2012 14:45
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							71005	01/26/2012 15:45		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.362	U		0.370	5.00	0.362	mg/L	71145	01/27/2012 16:20	1	RV
>C12-C28	STL00035	0.313	U		0.320	5.00	0.313	mg/L	71145	01/27/2012 16:20	1	RV
>C28-C35	STL00147	0.547	U		0.560	5.00	0.547	mg/L	71145	01/27/2012 16:20	1	RV
C6-C35	STL00006	0.547	U		0.560	5.00	0.547	mg/L	71145	01/27/2012 16:20	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.89	1.63	116	70-130		FID07	71005	01/27/2012 16:20	1	RV

A12-715

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 1

Lab Sample ID: 600-49143-8
Client Matrix: Solid

Date Sampled: 01/19/2012 15:39
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Solid,TCLP												
Preparation, Total Metals		Complete							70836	01/25/2012 10:25		SRP
Method: SW846 7470A,Solid,TCLP												
Preparation, Mercury		Complete							70863	01/25/2012 11:15		DCL
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: SW846 7.3.3,Solid										Dry Weight Corrected?:		N
Cyanide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 7.3.4,Solid										Dry Weight Corrected?:		N
Sulfide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 6010B,Solid,TCLP												
Pb	7439-92-1	0.0290	U		0.00290	0.0100	0.0290	mg/L	70888	01/25/2012 17:02	1	SRP
Cr	7440-47-3	0.0155	U		0.00155	0.0100	0.0155	mg/L	70888	01/25/2012 17:02	1	SRP
Cd	7440-43-9	0.00450	J		0.000350	0.00500	0.00350	mg/L	70888	01/25/2012 17:02	1	SRP
Ba	7440-39-3	0.498		b	0.00220	0.0200	0.0220	mg/L	70888	01/25/2012 17:02	1	SRP
As	7440-38-2	0.0328	U		0.00328	0.0100	0.0328	mg/L	70888	01/25/2012 17:02	1	SRP
Ag	7440-22-4	0.0125	U		0.00125	0.0100	0.0125	mg/L	70888	01/25/2012 17:02	1	SRP
Se	7782-49-2	0.0417	U		0.00417	0.0400	0.0417	mg/L	70888	01/25/2012 17:02	1	SRP
Method: SW846 7470A,Solid,TCLP												
Mercury	7439-97-6	0.0260	U		0.0260	0.200	0.0260	ug/L	70887	01/25/2012 15:32	1	DCL
Method: ASTM D92,Solid										Dry Weight Corrected?:		N
Flashpoint	STL00152	>212			1.00	1.00	1.00	Degrees F	70933	01/25/2012 13:00	1	SUP
Method: EPA 7.4.4,Solid										Dry Weight Corrected?:		N
Sulfide, Reactive	STL00261	14.0	U		14.0	50.0	14.0	mg/Kg	71278	01/31/2012 12:00	1	BDG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	24			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	76			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Lead	7439-92-1	257			0.105	0.500	0.134	mg/Kg	71181	01/30/2012 14:14	1	SRP

A12-716

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 1

Lab Sample ID: 600-49143-8
Client Matrix: Solid

Date Sampled: 01/19/2012 15:39
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9012,Solid										Dry Weight Corrected?:		N
Cyanide, Reactive	STL00045	85.5	U		85.5	250	85.5	ug/Kg	71273	01/31/2012 12:22	1	BDG
Method: SW846 9045C,Solid										Dry Weight Corrected?:		N
pH	STL00204	7.60		HF	0.0100	0.0100	0.0100	SU	71179	01/30/2012 11:00	1	MB

A12-717

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 2

Lab Sample ID: 600-49143-9
Client Matrix: Water

Date Sampled: 01/19/2012 15:51
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,TCLP												
Preparation, Total Metals		Complete							70836	01/25/2012 10:25		SRP
Method: SW846 7470A,Water,TCLP												
Preparation, Mercury		Complete							70863	01/25/2012 11:15		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70604	01/23/2012 05:50		DCL
Method: SW846 7.3.3,Water												
Cyanide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 7.3.4,Water												
Sulfide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 6010B,Water,TCLP												
Pb	7439-92-1	0.805			0.00290	0.0100	0.0290	mg/L	70888	01/25/2012 16:39	1	SRP
Cr	7440-47-3	0.0155	U		0.00155	0.0100	0.0155	mg/L	70888	01/25/2012 16:39	1	SRP
Cd	7440-43-9	0.00880	J		0.000350	0.00500	0.00350	mg/L	70888	01/25/2012 16:39	1	SRP
Ba	7440-39-3	0.142	J	b	0.00220	0.0200	0.0220	mg/L	70888	01/25/2012 16:39	1	SRP
As	7440-38-2	0.0328	U		0.00328	0.0100	0.0328	mg/L	70888	01/25/2012 16:39	1	SRP
Ag	7440-22-4	0.0125	U		0.00125	0.0100	0.0125	mg/L	70888	01/25/2012 16:39	1	SRP
Se	7782-49-2	0.0531	J		0.00417	0.0400	0.0417	mg/L	70888	01/25/2012 16:39	1	SRP
Method: SW846 7470A,Water,TCLP												
Mercury	7439-97-6	0.0260	U		0.0260	0.200	0.0260	ug/L	70887	01/25/2012 15:21	1	DCL
Method: EPA 7.4.4,Water												
Sulfide, Reactive	STL00261	10.0	J		1.40	50.0	1.40	mg/L	71278	01/31/2012 12:00	1	BDG
Method: SW846 6010B,Water												
Lead	7439-92-1	1.32			0.00290	0.0100	0.00290	mg/L	70835	01/25/2012 12:27	1	DCL
Method: SW846 9012,Water												
Cyanide, Reactive	STL00045	0.0397	U		0.0397	0.250	0.0397	mg/L	71273	01/31/2012 12:28	1	BDG
Method: SW846 9040B,Water												
pH	STL00204	8.10		H	0.0100	0.0100	0.0100	SU	71295	01/31/2012 15:45	1	MB
Method: SW846 SW846 Ch. 7,Water												

A12-718

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 2

Lab Sample ID: 600-49143-9
Client Matrix: Water

Date Sampled: 01/19/2012 15:51
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Flashpoint	STL00152	>186			1.00	1.00	1.00	Degrees F	70973	01/26/2012 10:30	1	SUP

A12-719

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 8

Lab Sample ID: 600-49143-10
Client Matrix: Water

Date Sampled: 01/19/2012 16:09
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70604	01/23/2012 05:50		DCL
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							71005	01/26/2012 15:45		NV
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000500	J		0.000350	0.00500	0.000350	mg/L	70835	01/25/2012 12:30	1	DCL
Lead	7439-92-1	0.0542			0.00290	0.0100	0.00290	mg/L	70835	01/25/2012 12:30	1	DCL
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.360	U		0.370	5.00	0.360	mg/L	71145	01/27/2012 16:55	1	RV
>C12-C28	STL00035	0.311	U		0.320	5.00	0.311	mg/L	71145	01/27/2012 16:55	1	RV
>C28-C35	STL00147	0.545	U		0.560	5.00	0.545	mg/L	71145	01/27/2012 16:55	1	RV
C6-C35	STL00006	0.545	U		0.560	5.00	0.545	mg/L	71145	01/27/2012 16:55	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.92	1.62	118	70-130		FID07	71005	01/27/2012 16:55	1	RV

A12-720

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Trip Blank 1/14/12

Lab Sample ID: 600-49143-11
Client Matrix: Water

Date Sampled: 01/14/2012 00:00
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							71005	01/26/2012 15:45		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.364	U		0.370	5.00	0.364	mg/L	71145	01/27/2012 17:29	1	RV
>C12-C28	STL00035	0.315	U		0.320	5.00	0.315	mg/L	71145	01/27/2012 17:29	1	RV
>C28-C35	STL00147	0.551	U		0.560	5.00	0.551	mg/L	71145	01/27/2012 17:29	1	RV
C6-C35	STL00006	0.551	U		0.560	5.00	0.551	mg/L	71145	01/27/2012 17:29	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		2.02	1.64	123	70-130		FID07	71005	01/27/2012 17:29	1	RV

A12-721

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49143-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
Metals		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	b	The compound was found in the blank and sample
General Chemistry		
	U	Analyte was not detected at or above the SDL.
	HF	Field parameter with a holding time of 15 minutes
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	H	Sample was prepped or analyzed beyond the specified holding time

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 600-70966					
LCS 600-70966/2-A	Lab Control Sample	T	Solid	TX_1005_S_Prep	
MB 600-70966/1-A	Method Blank	T	Solid	TX_1005_S_Prep	
600-49143-1	2012-FWCS-7	T	Solid	TX_1005_S_Prep	
600-49143-1MS	Matrix Spike	T	Solid	TX_1005_S_Prep	
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	TX_1005_S_Prep	
600-49143-2	2012-FWCS-6	T	Solid	TX_1005_S_Prep	
600-49143-3	2012-FWCS-5	T	Solid	TX_1005_S_Prep	
600-49143-4	2012-FWCS-4	T	Solid	TX_1005_S_Prep	
600-49143-5	2012-FWCS-3	T	Solid	TX_1005_S_Prep	
600-49143-6	2012-FWCS-2	T	Solid	TX_1005_S_Prep	
Prep Batch: 600-71005					
LCS 600-71005/2-A	Lab Control Sample	T	Water	TX_1005_W_Pre	
MB 600-71005/1-A	Method Blank	T	Water	TX_1005_W_Pre	
600-49143-7	Field Blank 4	T	Water	TX_1005_W_Pre	
600-49143-10	Equipment Blank 8	T	Water	TX_1005_W_Pre	
600-49143-11	Trip Blank 1/14/12	T	Water	TX_1005_W_Pre	
Analysis Batch:600-71145					
LCS 600-71005/2-A	Lab Control Sample	T	Water	TX 1005	600-71005
MB 600-71005/1-A	Method Blank	T	Water	TX 1005	600-71005
600-49143-5	2012-FWCS-3	T	Solid	TX 1005	600-70966
600-49143-6	2012-FWCS-2	T	Solid	TX 1005	600-70966
600-49143-7	Field Blank 4	T	Water	TX 1005	600-71005
600-49143-10	Equipment Blank 8	T	Water	TX 1005	600-71005
600-49143-11	Trip Blank 1/14/12	T	Water	TX 1005	600-71005
Analysis Batch:600-71169					
LCS 600-70966/2-A	Lab Control Sample	T	Solid	TX 1005	600-70966
MB 600-70966/1-A	Method Blank	T	Solid	TX 1005	600-70966
600-49143-1	2012-FWCS-7	T	Solid	TX 1005	600-70966
600-49143-1MS	Matrix Spike	T	Solid	TX 1005	600-70966
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	TX 1005	600-70966
600-49143-2	2012-FWCS-6	T	Solid	TX 1005	600-70966
600-49143-3	2012-FWCS-5	T	Solid	TX 1005	600-70966
600-49143-4	2012-FWCS-4	T	Solid	TX 1005	600-70966

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70604					
LCS 600-70604/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70604/1-A	Method Blank	T	Water	3010A	
600-49143-9	IDW 2	T	Water	3010A	
600-49143-10	Equipment Blank 8	T	Water	3010A	
Prep Batch: 600-70806					
LB 600-70806/1-B	TCLP SPLPE Leachate Blank	P	Solid	1311	
LB 600-70806/1-C	TCLP SPLPE Leachate Blank	P	Solid	1311	
600-49143-8	IDW 1	P	Solid	1311	
600-49143-9	IDW 2	P	Water	1311	
Analysis Batch:600-70835					
LCS 600-70604/2-A	Lab Control Sample	T	Water	6010B	600-70604
MB 600-70604/1-A	Method Blank	T	Water	6010B	600-70604
600-49143-9	IDW 2	T	Water	6010B	600-70604
600-49143-10	Equipment Blank 8	T	Water	6010B	600-70604
Prep Batch: 600-70836					
LCS 600-70836/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70836/1-A	Method Blank	T	Water	3010A	
LB 600-70806/1-B	TCLP SPLPE Leachate Blank	P	Solid	3010A	600-70806
600-49143-8	IDW 1	P	Solid	3010A	600-70806
600-49143-9	IDW 2	P	Water	3010A	600-70806
Prep Batch: 600-70863					
LCS 600-70863/8-A	Lab Control Sample	T	Water	7470A	
MB 600-70863/7-A	Method Blank	T	Water	7470A	
LB 600-70806/1-C	TCLP SPLPE Leachate Blank	P	Solid	7470A	600-70806
600-49143-8	IDW 1	P	Solid	7470A	600-70806
600-49143-9	IDW 2	P	Water	7470A	600-70806
Analysis Batch:600-70887					
LB 600-70806/1-C	TCLP SPLPE Leachate Blank	P	Solid	7470A	600-70863
LCS 600-70863/8-A	Lab Control Sample	T	Water	7470A	600-70863
MB 600-70863/7-A	Method Blank	T	Water	7470A	600-70863
600-49143-8	IDW 1	P	Solid	7470A	600-70863
600-49143-9	IDW 2	P	Water	7470A	600-70863
Analysis Batch:600-70888					
LB 600-70806/1-B	TCLP SPLPE Leachate Blank	P	Solid	6010B	600-70836
LCS 600-70836/2-A	Lab Control Sample	T	Water	6010B	600-70836
MB 600-70836/1-A	Method Blank	T	Water	6010B	600-70836
600-49143-8	IDW 1	P	Solid	6010B	600-70836
600-49143-9	IDW 2	P	Water	6010B	600-70836

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-71001					
LCS 600-71001/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-71001/1-A	Method Blank	T	Solid	3050B	
600-49143-1	2012-FWCS-7	T	Solid	3050B	
600-49143-1DU	Duplicate	T	Solid	3050B	
600-49143-1MS	Matrix Spike	T	Solid	3050B	
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-49143-2	2012-FWCS-6	T	Solid	3050B	
600-49143-3	2012-FWCS-5	T	Solid	3050B	
600-49143-4	2012-FWCS-4	T	Solid	3050B	
600-49143-5	2012-FWCS-3	T	Solid	3050B	
600-49143-6	2012-FWCS-2	T	Solid	3050B	
600-49143-8	IDW 1	T	Solid	3050B	
Analysis Batch:600-71181					
LCS 600-71001/2-A	Lab Control Sample	T	Solid	6010B	600-71001
MB 600-71001/1-A	Method Blank	T	Solid	6010B	600-71001
600-49143-1	2012-FWCS-7	T	Solid	6010B	600-71001
600-49143-1DU	Duplicate	T	Solid	6010B	600-71001
600-49143-1MS	Matrix Spike	T	Solid	6010B	600-71001
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	6010B	600-71001
600-49143-2	2012-FWCS-6	T	Solid	6010B	600-71001
600-49143-3	2012-FWCS-5	T	Solid	6010B	600-71001
600-49143-4	2012-FWCS-4	T	Solid	6010B	600-71001
600-49143-5	2012-FWCS-3	T	Solid	6010B	600-71001
600-49143-6	2012-FWCS-2	T	Solid	6010B	600-71001
600-49143-8	IDW 1	T	Solid	6010B	600-71001

Report Basis

P = TCLP

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-70705					
600-49143-1	2012-FWCS-7	T	Solid	Moisture	
600-49143-1MS	Matrix Spike	T	Solid	Moisture	
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	Moisture	
600-49143-2	2012-FWCS-6	T	Solid	Moisture	
600-49143-3	2012-FWCS-5	T	Solid	Moisture	
600-49143-4	2012-FWCS-4	T	Solid	Moisture	
600-49143-5	2012-FWCS-3	T	Solid	Moisture	
600-49143-6	2012-FWCS-2	T	Solid	Moisture	
600-49143-8	IDW 1	T	Solid	Moisture	
Analysis Batch:600-70933					
LCS 600-70933/2	Lab Control Sample	T	Solid	D92	
MB 600-70933/1	Method Blank	T	Solid	D92	
600-49143-8	IDW 1	T	Solid	D92	
Analysis Batch:600-70973					
LCS 600-70973/2	Lab Control Sample	T	Water	SW846 Ch. 7	
MB 600-70973/1	Method Blank	T	Water	SW846 Ch. 7	
600-49143-9	IDW 2	T	Water	SW846 Ch. 7	
600-49143-9DU	Duplicate	T	Water	SW846 Ch. 7	
Analysis Batch:600-71179					
LCS 600-71179/26	Lab Control Sample	T	Solid	9045C	
600-49143-8	IDW 1	T	Solid	9045C	
Prep Batch: 600-71253					
LCS 600-71253/2-A	Lab Control Sample	T	Solid	7.3.3	
MB 600-71253/1-A	Method Blank	T	Solid	7.3.3	
LCS 600-71253/2-A	Lab Control Sample	T	Solid	7.3.4	
MB 600-71253/1-A	Method Blank	T	Solid	7.3.4	
600-49143-8	IDW 1	T	Solid	7.3.3	
600-49143-8	IDW 1	T	Solid	7.3.4	
600-49143-9	IDW 2	T	Water	7.3.3	
600-49143-9	IDW 2	T	Water	7.3.4	
Analysis Batch:600-71273					
LCS 600-71253/2-A	Lab Control Sample	T	Solid	9012	600-71253
MB 600-71253/1-A	Method Blank	T	Solid	9012	600-71253
600-49143-8	IDW 1	T	Solid	9012	600-71253
600-49143-9	IDW 2	T	Water	9012	600-71253

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-71278					
LCS 600-71253/2-A	Lab Control Sample	T	Solid	7.4.4	600-71253
MB 600-71253/1-A	Method Blank	T	Solid	7.4.4	600-71253
600-49143-8	IDW 1	T	Solid	7.4.4	600-71253
600-49143-9	IDW 2	T	Water	7.4.4	600-71253
Analysis Batch:600-71295					
LCS 600-71295/1	Lab Control Sample	T	Water	9040B	
600-49143-9	IDW 2	T	Water	9040B	
600-49143-9DU	Duplicate	T	Water	9040B	

Report Basis
T = Total

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec	OTPH %Rec
600-49143-1	2012-FWCS-7		89
600-49143-2	2012-FWCS-6		88
600-49143-3	2012-FWCS-5		92
600-49143-4	2012-FWCS-4		90
600-49143-5	2012-FWCS-3	104	
600-49143-6	2012-FWCS-2	107	
MB 600-70966/1-A			91
LCS 600-70966/2-A			108
600-49143-1 MS	2012-FWCS-7 MS		106
600-49143-1 MSD	2012-FWCS-7 MSD		123

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec
600-49143-7	Field Blank 4	116
600-49143-10	Equipment Blank 8	118
600-49143-11	Trip Blank 1/14/12	123
MB 600-71005/1-A		113
LCS 600-71005/2-A		128

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	MB 600-70966/1-A	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/27/2012 1436	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
C6-C12	4.67	U	4.67	25.0
>C12-C28	6.06	U	6.06	25.0
>C28-C35	9.59	U	9.59	25.0
C6-C35	9.59	U	9.59	25.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	91	70 - 130

Lab Control Sample - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	LCS 600-70966/2-A	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/27/2012 1511	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	250	211.2	84	75 - 125	
>C12-C28	250	299.8	120	75 - 125	
C6-C35	500	511.0	102	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	108	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	600-49143-1	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_008.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.03 g
Analysis Date:	01/27/2012 1729			Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

MSD Lab Sample ID:	600-49143-1	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_009.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.01 g
Analysis Date:	01/27/2012 1804			Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	90	90	75 - 125	1	20		
>C12-C28	99	103	75 - 125	2	20		
C6-C35	95	96	75 - 125	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	106	123	70 - 130

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	600-49143-1	Units:	mg/Kg	MSD Lab Sample ID:	600-49143-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/27/2012 1729			Analysis Date:	01/27/2012 1804
Prep Date:	01/26/2012 1136			Prep Date:	01/26/2012 1136
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C12	6.66	U	357	353	321.8	317.4
>C12-C28	8.64	U	357	353	354.7	362.7
C6-C35	13.7	U	713	706	676.5	680.1

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71005

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	MB 600-71005/1-A	Analysis Batch:	600-71145	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-71005	Lab File ID:	A012712_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/27/2012 1436	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/26/2012 1545			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C6-C12	0.370	U	0.370	5.00
>C12-C28	0.320	U	0.320	5.00
>C28-C35	0.560	U	0.560	5.00
C6-C35	0.560	U	0.560	5.00

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	113	70 - 130

Lab Control Sample - Batch: 600-71005

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	LCS 600-71005/2-A	Analysis Batch:	600-71145	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-71005	Lab File ID:	A012712_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/27/2012 1511	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/26/2012 1545			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	33.3	36.61	110	75 - 125	
>C12-C28	33.3	39.18	118	75 - 125	
C6-C35	66.7	75.80	114	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	128	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70604

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70604/1-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70604	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/23/2012 0550				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.00290	U	0.00290	0.0100
Cadmium	0.000350	U	0.000350	0.00500

Lab Control Sample - Batch: 600-70604

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70604/2-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70604	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1143	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/23/2012 0550				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	1.00	0.9466	95	80 - 120	
Cadmium	0.500	0.4716	94	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70836

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70836/1-A	Analysis Batch:	600-70888	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70836	Lab File ID:	B012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1616	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1025				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cr	0.00155	U	0.00155	0.0100
Pb	0.00290	U	0.00290	0.0100
Cd	0.000350	U	0.000350	0.00500
Ba	0.00220	U	0.00220	0.0200
As	0.00328	U	0.00328	0.0100
Ag	0.00125	U	0.00125	0.0100
Se	0.00417	U	0.00417	0.0400

TCLP SPLPE Leachate Blank - Batch: 600-70836

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID:	LB 600-70806/1-B	Analysis Batch:	600-70888	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70836	Lab File ID:	B012512
Dilution:	1.0	Leach Batch:	600-70806	Initial Weight/Volume:	5 mL
Analysis Date:	01/25/2012 1624	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1025				
Leach Date:	01/24/2012 1813				

Analyte	Result	Qual	MDL	RL
Cr	0.0155	U	0.0155	0.100
Pb	0.0290	U	0.0290	0.100
Cd	0.00350	U	0.00350	0.0500
Ba	0.04930	J	0.0220	0.200
As	0.0328	U	0.0328	0.100
Ag	0.0125	U	0.0125	0.100
Se	0.0417	U	0.0417	0.400

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Control Sample - Batch: 600-70836

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70836/2-A	Analysis Batch:	600-70888	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70836	Lab File ID:	B012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1620	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1025				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cr	1.00	1.005	100	80 - 120	
Pb	1.00	1.022	102	80 - 120	
Cd	0.500	0.5203	104	80 - 120	
Ba	1.00	1.024	102	80 - 120	
As	1.00	1.021	102	80 - 120	
Ag	0.500	0.5084	102	80 - 120	
Se	1.00	1.021	102	80 - 120	

Method Blank - Batch: 600-71001

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-71001/1-A	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/30/2012 1324	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.105	U	0.105	0.500
Cadmium	0.0256	U	0.0256	0.250

Lab Control Sample - Batch: 600-71001

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-71001/2-A	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/30/2012 1328	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	144	130.3	91	79 - 121	
Cadmium	71.0	70.91	100	81 - 119	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-71001

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-49143-1	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	01/30/2012 1339			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

MSD Lab Sample ID:	600-49143-1	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/30/2012 1343			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	77	75	75 - 125	5	20		
Lead	156	57	75 - 125	51	20	N	N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-71001

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-49143-1	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	01/30/2012 1339		
Prep Date:	01/26/2012 1505		
Leach Date:	N/A		

MSD Lab Sample ID:	600-49143-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	01/30/2012 1343
Prep Date:	01/26/2012 1505
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	0.583	34.7	34.0	27.44		26.09	
Lead	63.9	69.5	67.9	172.0	N	102.3	N

Duplicate - Batch: 600-71001

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-49143-1	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/30/2012 1335	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Lead	63.9	53.16	18	20	
Cadmium	0.583	0.9203	45	20	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70863

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 600-70863/7-A	Analysis Batch:	600-70887	Instrument ID:	FIMS01
Client Matrix:	Water	Prep Batch:	600-70863	Lab File ID:	FW012512.prn
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	01/25/2012 1423	Units:	ug/L	Final Weight/Volume:	40 mL
Prep Date:	01/25/2012 1115				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.0260	U	0.0260	0.200

TCLP SPLPE Leachate Blank - Batch: 600-70863

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID:	LB 600-70806/1-C	Analysis Batch:	600-70887	Instrument ID:	FIMS01
Client Matrix:	Solid	Prep Batch:	600-70863	Lab File ID:	FW012512.prn
Dilution:	1.0	Leach Batch:	600-70806	Initial Weight/Volume:	40 mL
Analysis Date:	01/25/2012 1518	Units:	ug/L	Final Weight/Volume:	40 mL
Prep Date:	01/25/2012 1115				
Leach Date:	01/24/2012 1813				

Analyte	Result	Qual	MDL	RL
Mercury	0.0260	U	0.0260	0.200

Lab Control Sample - Batch: 600-70863

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 600-70863/8-A	Analysis Batch:	600-70887	Instrument ID:	FIMS01
Client Matrix:	Water	Prep Batch:	600-70863	Lab File ID:	FW012512.prn
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1425	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1115				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	3.00	2.969	99	70 - 130	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71253

Method: 7.4.4
Preparation: 7.3.4

Lab Sample ID:	MB 600-71253/1-A	Analysis Batch:	600-71278	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1200	Units:	mg/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Sulfide, Reactive	14.0	U	14.0	50.0

Lab Control Sample - Batch: 600-71253

Method: 7.4.4
Preparation: 7.3.4

Lab Sample ID:	LCS 600-71253/2-A	Analysis Batch:	600-71278	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1200	Units:	mg/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide, Reactive	1610	1120	70	0 - 100	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71253

Method: 9012
Preparation: 7.3.3

Lab Sample ID:	MB 600-71253/1-A	Analysis Batch:	600-71273	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1220	Units:	ug/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Reactive	85.5	U	85.5	250

Lab Control Sample - Batch: 600-71253

Method: 9012
Preparation: 7.3.3

Lab Sample ID:	LCS 600-71253/2-A	Analysis Batch:	600-71273	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1221	Units:	ug/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Reactive	1000000	72260	7	0 - 100	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Control Sample - Batch: 600-71295

Method: 9040B
Preparation: N/A

Lab Sample ID:	LCS 600-71295/1	Analysis Batch:	600-71295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/31/2012 1545	Units:	SU	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	7.00	7.040	101	99 - 101	

Duplicate - Batch: 600-71295

Method: 9040B
Preparation: N/A

Lab Sample ID:	600-49143-9	Analysis Batch:	600-71295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/31/2012 1545	Units:	SU	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	8.10	8.100	0	1	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Control Sample - Batch: 600-71179

Method: 9045C
Preparation: N/A

Lab Sample ID:	LCS 600-71179/26	Analysis Batch:	600-71179	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/30/2012 1100	Units:	SU	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	7.00	6.980	100	99 - 101	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70933

Method: D92
Preparation: N/A

Lab Sample ID:	MB 600-70933/1	Analysis Batch:	600-70933	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/25/2012 1300	Units:	Degrees F	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Flashpoint	>186		1.00	1.00

Lab Control Sample - Batch: 600-70933

Method: D92
Preparation: N/A

Lab Sample ID:	LCS 600-70933/2	Analysis Batch:	600-70933	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/25/2012 1300	Units:	Degrees F	Final Weight/Volume:	60 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Flashpoint	81.0	81.70	101	96.91 - 103.09	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70973

Method: SW846 Ch. 7
Preparation: N/A

Lab Sample ID:	MB 600-70973/1	Analysis Batch:	600-70973	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/26/2012 1030	Units:	Degrees F	Final Weight/Volume:	60 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Flashpoint	>186		1.00	1.00

Lab Control Sample - Batch: 600-70973

Method: SW846 Ch. 7
Preparation: N/A

Lab Sample ID:	LCS 600-70973/2	Analysis Batch:	600-70973	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/26/2012 1030	Units:	Degrees F	Final Weight/Volume:	60 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Flashpoint	81.0	81.94	101	96.91 - 103.09	

Duplicate - Batch: 600-70973

Method: SW846 Ch. 7
Preparation: N/A

Lab Sample ID:	600-49143-9	Analysis Batch:	600-70973	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/26/2012 1030	Units:	Degrees F	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Flashpoint	>186	>186	NC	20	

TX_1005

Texas - Total Petroleum Hydrocarbon (GC) by Method TX_1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm) GC Column (2): ID:

Client Sample ID	Lab Sample ID	OTPH #	OTPH #
2012-FWCS-7	600-49143-1		89
2012-FWCS-6	600-49143-2		88
2012-FWCS-5	600-49143-3		92
2012-FWCS-4	600-49143-4		90
2012-FWCS-3	600-49143-5	104	
2012-FWCS-2	600-49143-6	107	
	MB 600-70966/1-A		91
	LCS 600-70966/2-A		108
2012-FWCS-7 MS	600-49143-1 MS		106
2012-FWCS-7 MSD	600-49143-1 MSD		123

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	OTPH #
Field Blank 4	600-49143-7	116
Equipment Blank 8	600-49143-10	118
Trip Blank 1/14/12	600-49143-11	123
	MB 600-71005/1-A	113
	LCS 600-71005/2-A	128

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B012712_004.d

Lab ID: LCS 600-70966/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	250	211.2	84	75-125	
>C12-C28	250	299.8	120	75-125	
C6-C35	500	511.0	102	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A012712_004.d

Lab ID: LCS 600-71005/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
C6-C12	33.3	36.61	110	75-125	
>C12-C28	33.3	39.18	118	75-125	
C6-C35	66.7	75.80	114	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B012712_008.d

Lab ID: 600-49143-1 MS Client ID: 2012-FWCS-7 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
C6-C12	357	6.66 U	321.8	90	75-125	
>C12-C28	357	8.64 U	354.7	99	75-125	
C6-C35	713	13.7 U	676.5	95	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B012712_009.d

Lab ID: 600-49143-1 MSD Client ID: 2012-FWCS-7 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	353	317.4	90	1	20	75-125	
>C12-C28	353	362.7	103	2	20	75-125	
C6-C35	706	680.1	96	1	20	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab File ID: B012712_003.d Lab Sample ID: MB 600-70966/1-A

Matrix: Solid Date Extracted: 01/26/2012 11:36

Instrument ID: FID07 Date Analyzed: 01/27/2012 14:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-70966/2-A	B012712_004.d	01/27/2012 15:11
2012-FWCS-7	600-49143-1	B012712_007.d	01/27/2012 16:55
2012-FWCS-7 MS	600-49143-1 MS	B012712_008.d	01/27/2012 17:29
2012-FWCS-7 MSD	600-49143-1 MSD	B012712_009.d	01/27/2012 18:04
2012-FWCS-6	600-49143-2	B012712_010.d	01/27/2012 18:38
2012-FWCS-5	600-49143-3	B012712_011.d	01/27/2012 19:13
2012-FWCS-3	600-49143-5	A012712_012.d	01/27/2012 19:47
2012-FWCS-4	600-49143-4	B012712_012.d	01/27/2012 19:47
2012-FWCS-2	600-49143-6	A012712_014.d	01/27/2012 20:56

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab File ID: A012712_003.d Lab Sample ID: MB 600-71005/1-A

Matrix: Water Date Extracted: 01/26/2012 15:45

Instrument ID: FID07 Date Analyzed: 01/27/2012 14:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-71005/2-A	A012712_004.d	01/27/2012 15:11
Field Blank 4	600-49143-7	A012712_006.d	01/27/2012 16:20
Equipment Blank 8	600-49143-10	A012712_007.d	01/27/2012 16:55
Trip Blank 1/14/12	600-49143-11	A012712_008.d	01/27/2012 17:29

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Sample No.: CCVRT 600-71145/7 Date Analyzed: 01/27/2012 14:02

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): A012712_002.d Heated Purge: (Y/N) N

Calibration ID: 762

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				12.97		
UPPER LIMIT				13.07		
LOWER LIMIT				12.87		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-71145/7		01/27/2012 14:02	A012712_002.d	12.97		
MB 600-71005/1-A		01/27/2012 14:36	A012712_003.d	12.97		
LCS 600-71005/2-A		01/27/2012 15:11	A012712_004.d	12.97		
600-49143-7	Field Blank 4	01/27/2012 16:20	A012712_006.d	12.97		
600-49143-10	Equipment Blank 8	01/27/2012 16:55	A012712_007.d	12.97		
600-49143-11	Trip Blank 1/14/12	01/27/2012 17:29	A012712_008.d	12.97		
600-49143-5	2012-FWCS-3	01/27/2012 19:47	A012712_012.d	12.97		
CCV 600-71145/18		01/27/2012 20:21	A012712_013.d	12.97		
600-49143-6	2012-FWCS-2	01/27/2012 20:56	A012712_014.d	12.97		
CCV 600-71145/21		01/28/2012 02:38	A012712_024.d	12.97		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Sample No.: CCVRT 600-71169/1 Date Analyzed: 01/27/2012 14:02

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): B012712_002.d Heated Purge: (Y/N) N

Calibration ID: 767

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				13.31		
UPPER LIMIT				13.41		
LOWER LIMIT				13.21		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-71169/1		01/27/2012 14:02	B012712_002.d	13.31		
MB 600-70966/1-A		01/27/2012 14:36	B012712_003.d	13.31		
LCS 600-70966/2-A		01/27/2012 15:11	B012712_004.d	13.31		
600-49143-1	2012-FWCS-7	01/27/2012 16:55	B012712_007.d	13.31		
600-49143-1 MS	2012-FWCS-7 MS	01/27/2012 17:29	B012712_008.d	13.31		
600-49143-1 MSD	2012-FWCS-7 MSD	01/27/2012 18:04	B012712_009.d	13.31		
600-49143-2	2012-FWCS-6	01/27/2012 18:38	B012712_010.d	13.31		
600-49143-3	2012-FWCS-5	01/27/2012 19:13	B012712_011.d	13.31		
600-49143-4	2012-FWCS-4	01/27/2012 19:47	B012712_012.d	13.31		
CCV 600-71169/12		01/27/2012 20:21	B012712_013.d	13.31		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-7 | Lab Sample ID: 600-49143-1

Matrix: Solid | Lab File ID: B012712_007.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 11:10

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.00(g) | Date Analyzed: 01/27/2012 16:55

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: 29.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.66	U	35.6	6.66
STL00035	>C12-C28	8.64	U	35.6	8.64
STL00147	>C28-C35	13.7	U	35.6	13.7
STL00006	C6-C35	13.7	U	35.6	13.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_007.d
Lab Smp Id: 600-49143-A-1-A Client Smp ID: 2012-FWCS-7
Inj Date : 27-JAN-2012 16:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-1-A
Misc Info : 600-49143-A-1-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	29.843	% Moisture
Cpnd Variable		Local Compound Variable

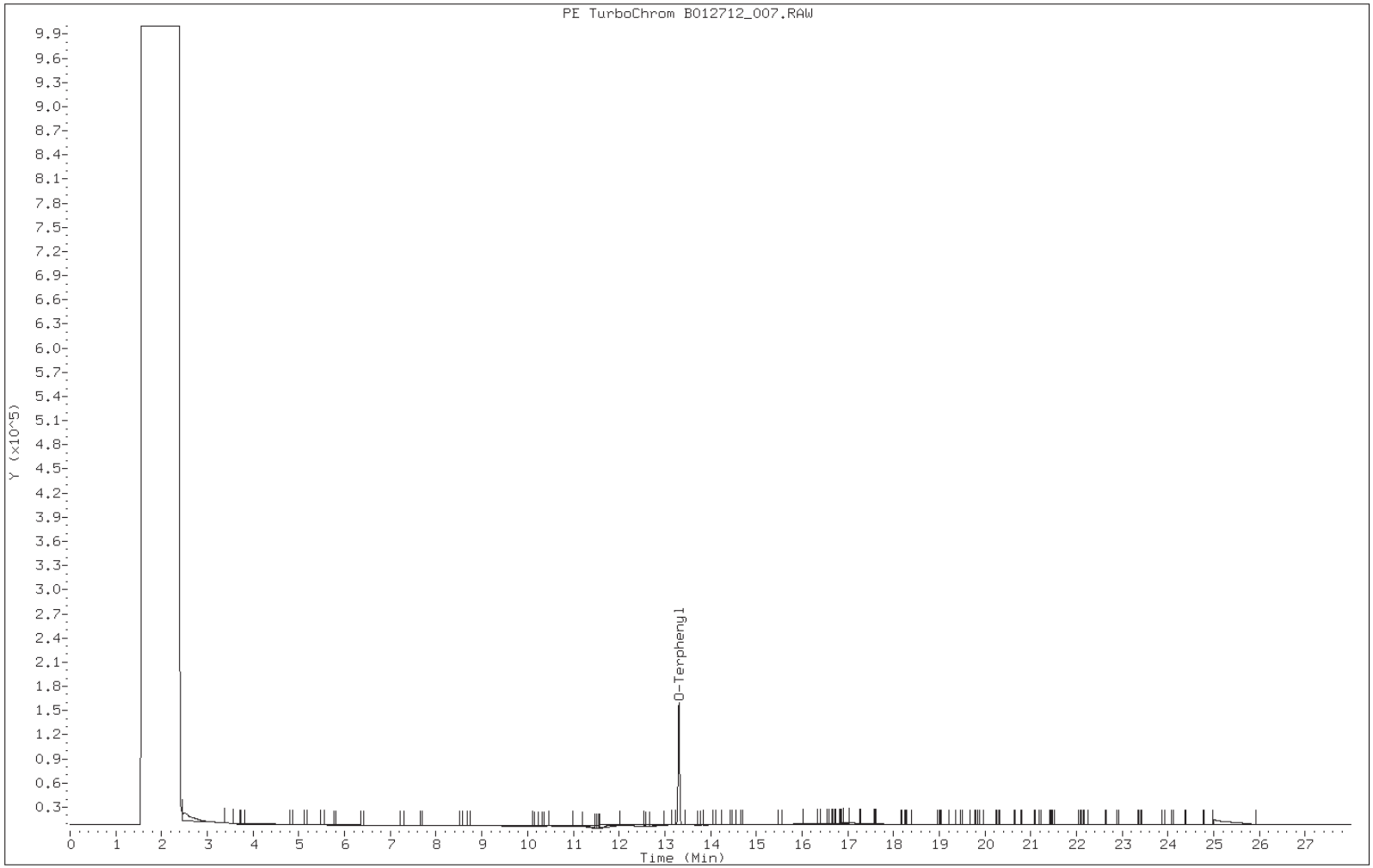
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	347725	11.1867	15.95

Data File: B012712_007.d

Date: 27-JAN-2012 16:55

Client ID: 2012-FWCS-7 Instrument: FID-07.i

Sample Info: 600-49143-A-1-A Operator: vanderborghr



A12-759

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-6 | Lab Sample ID: 600-49143-2

Matrix: Solid | Lab File ID: B012712_010.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 10:40

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.04(g) | Date Analyzed: 01/27/2012 18:38

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: 26.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.33	U	33.9	6.33
STL00035	>C12-C28	8.21	U	33.9	8.21
STL00147	>C28-C35	13.0	U	33.9	13.0
STL00006	C6-C35	13.0	U	33.9	13.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_010.d
Lab Smp Id: 600-49143-B-2-A Client Smp ID: 2012-FWCS-6
Inj Date : 27-JAN-2012 18:38
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-2-A
Misc Info : 600-49143-B-2-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.040	Sample Weight
Uf	2.000	Unit Factor
M	26.477	% Moisture
Cpnd Variable		Local Compound Variable

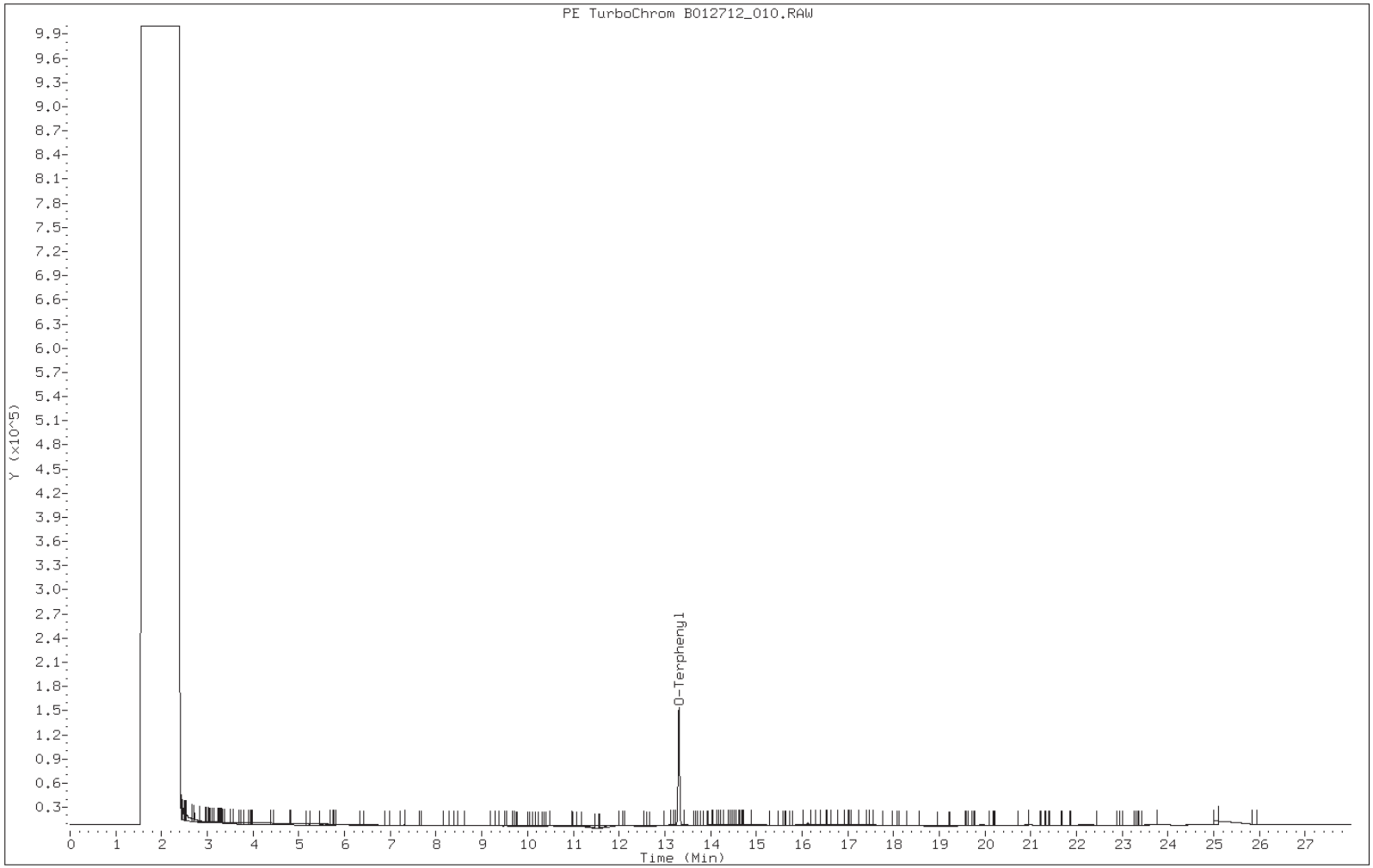
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	342714	11.0255	14.94

Data File: B012712_010.d

Date: 27-JAN-2012 18:38

Client ID: 2012-FWCS-6 Instrument: FID-07.i

Sample Info: 600-49143-B-2-A Operator: vanderborghr



A12-762

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-5 | Lab Sample ID: 600-49143-3

Matrix: Solid | Lab File ID: B012712_011.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 12:06

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.01(g) | Date Analyzed: 01/27/2012 19:13

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.12	U	32.8	6.12
STL00035	>C12-C28	7.95	U	32.8	7.95
STL00147	>C28-C35	12.6	U	32.8	12.6
STL00006	C6-C35	12.6	U	32.8	12.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_011.d
Lab Smp Id: 600-49143-B-3-A Client Smp ID: 2012-FWCS-5
Inj Date : 27-JAN-2012 19:13
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-3-A
Misc Info : 600-49143-B-3-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	23.810	% Moisture
Cpnd Variable		Local Compound Variable

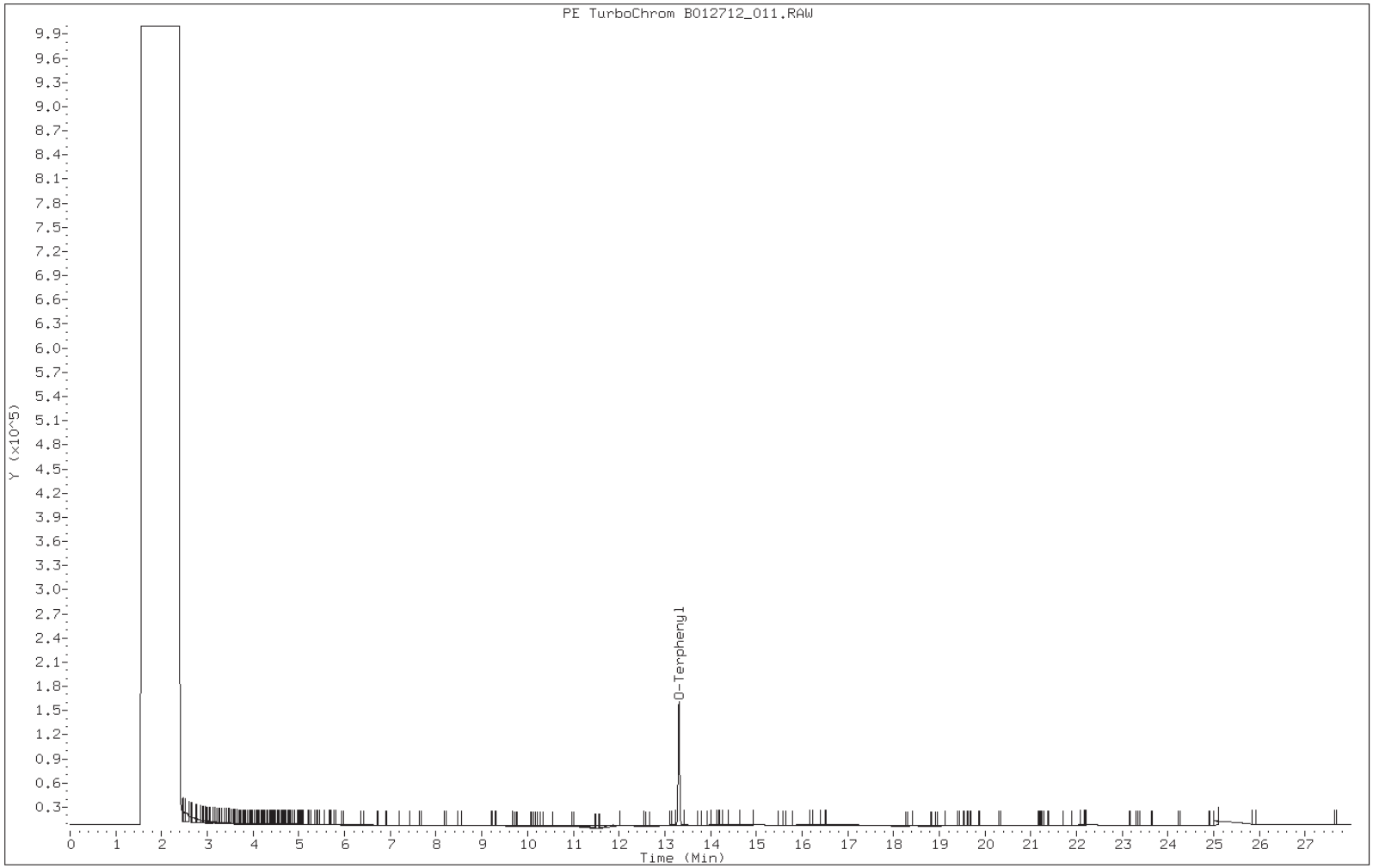
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	356564	11.4711	15.04

Data File: B012712_011.d

Date: 27-JAN-2012 19:13

Client ID: 2012-FWCS-5 Instrument: FID-07.i

Sample Info: 600-49143-B-3-A Operator: vanderborghr



A12-765

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-4 | Lab Sample ID: 600-49143-4

Matrix: Solid | Lab File ID: B012712_012.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 12:31

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) | Date Analyzed: 01/27/2012 19:47

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: 29.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.58	U	35.2	6.58
STL00035	>C12-C28	8.54	U	35.2	8.54
STL00147	>C28-C35	13.5	U	35.2	13.5
STL00006	C6-C35	13.5	U	35.2	13.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_012.d
Lab Smp Id: 600-49143-B-4-A Client Smp ID: 2012-FWCS-4
Inj Date : 27-JAN-2012 19:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-4-A
Misc Info : 600-49143-B-4-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	29.231	% Moisture
Cpnd Variable		Local Compound Variable

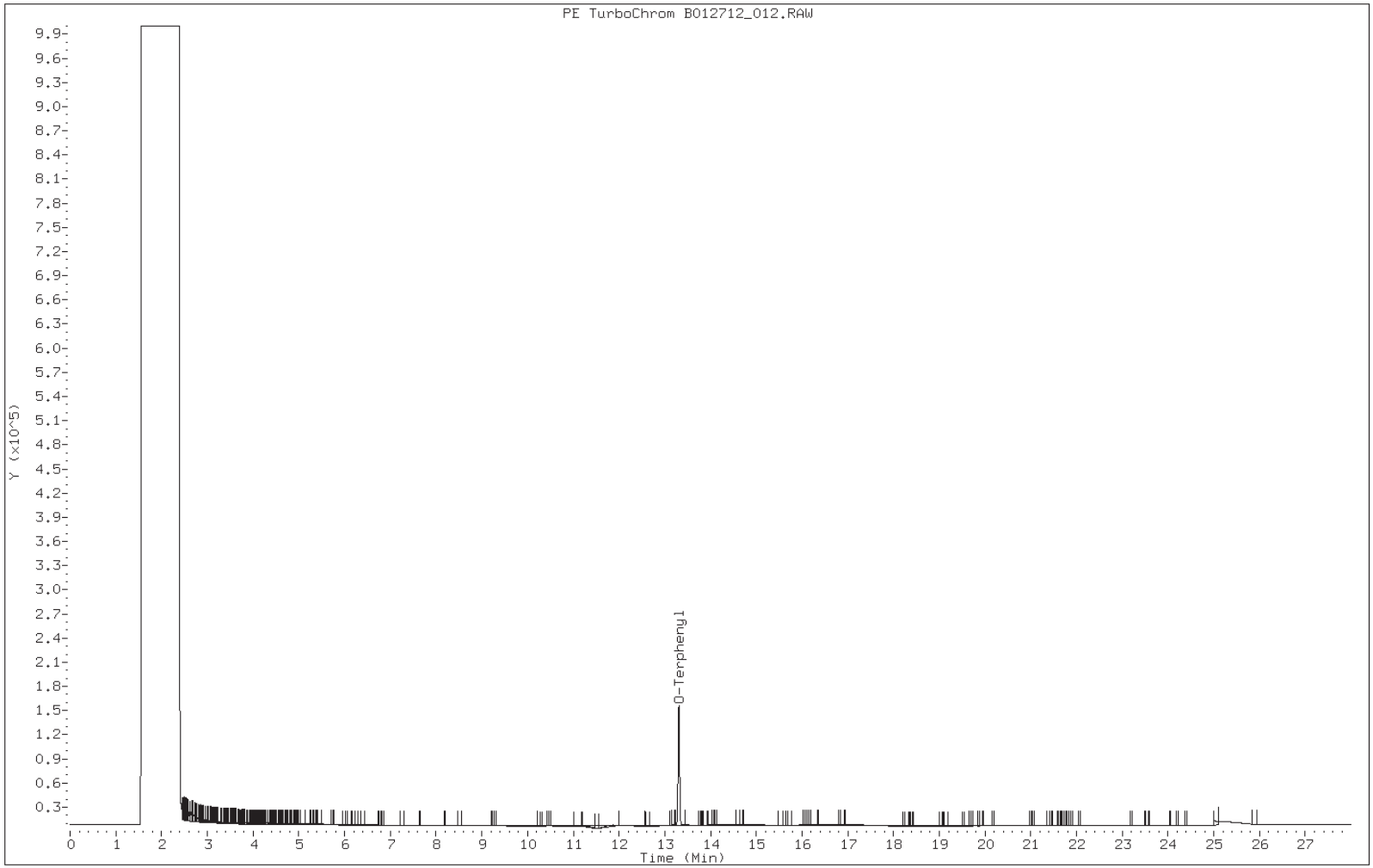
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	351087	11.2949	15.91

Data File: B012712_012.d

Date: 27-JAN-2012 19:47

Client ID: 2012-FWCS-4 Instrument: FID-07.i

Sample Info: 600-49143-B-4-A Operator: vanderborghr



A12-768

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-3 | Lab Sample ID: 600-49143-5

Matrix: Solid | Lab File ID: A012712_012.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 12:55

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) | Date Analyzed: 01/27/2012 19:47

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 23.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.05	U	32.4	6.05
STL00035	>C12-C28	7.85	U	32.4	7.85
STL00147	>C28-C35	12.4	U	32.4	12.4
STL00006	C6-C35	12.4	U	32.4	12.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	104		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_012.d
Lab Smp Id: 600-49143-B-5-A Client Smp ID: 2012-FWCS-3
Inj Date : 27-JAN-2012 19:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-5-A
Misc Info : 600-49143-B-5-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	22.992	% Moisture
Cpnd Variable		Local Compound Variable

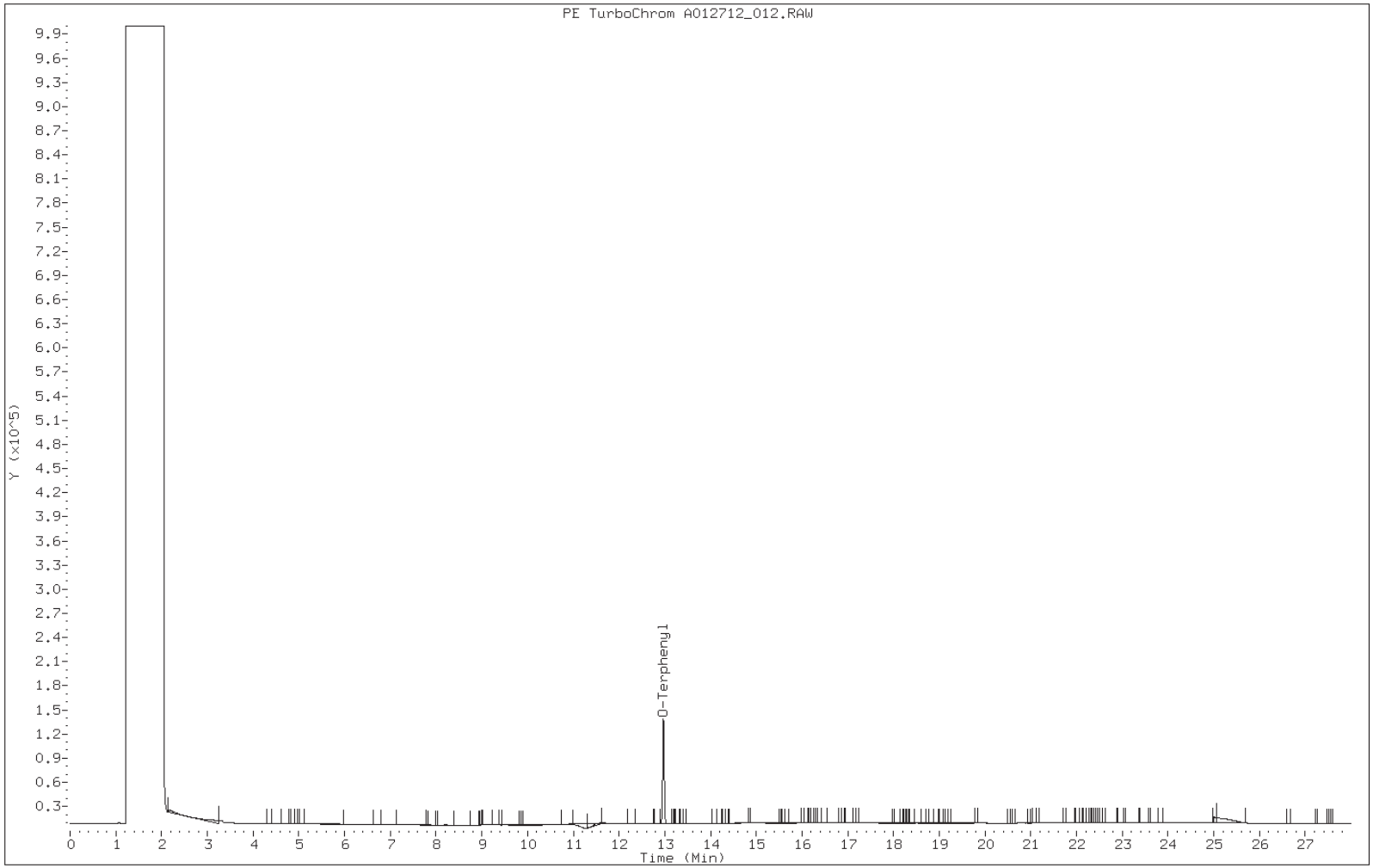
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
$ 4 O-Terphenyl	12.970	13.021	-0.051	318500	12.9902	16.82

Data File: A012712_012.d

Date: 27-JAN-2012 19:47

Client ID: 2012-FWCS-3 Instrument: FID-07.i

Sample Info: 600-49143-B-5-A Operator: vanderborghr



A12-771

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-2 | Lab Sample ID: 600-49143-6

Matrix: Solid | Lab File ID: A012712_014.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 13:19

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) | Date Analyzed: 01/27/2012 20:56

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	5.85	U	31.3	5.85
STL00035	>C12-C28	30.5	J	31.3	7.59
STL00147	>C28-C35	12.0	U	31.3	12.0
STL00006	C6-C35	30.5	J	31.3	12.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	107		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_014.d
Lab Smp Id: 600-49143-B-6-A Client Smp ID: 2012-FWCS-2
Inj Date : 27-JAN-2012 20:56
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-6-A
Misc Info : 600-49143-B-6-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	20.402	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.970	13.021	-0.051	328189		13.3854	16.77
S 2 >C12-C28	9.010-16.649			378030		24.3423	30.49(a)
S 5 Total C6-C35				378030		24.3423	30.49(a)

QC Flag Legend

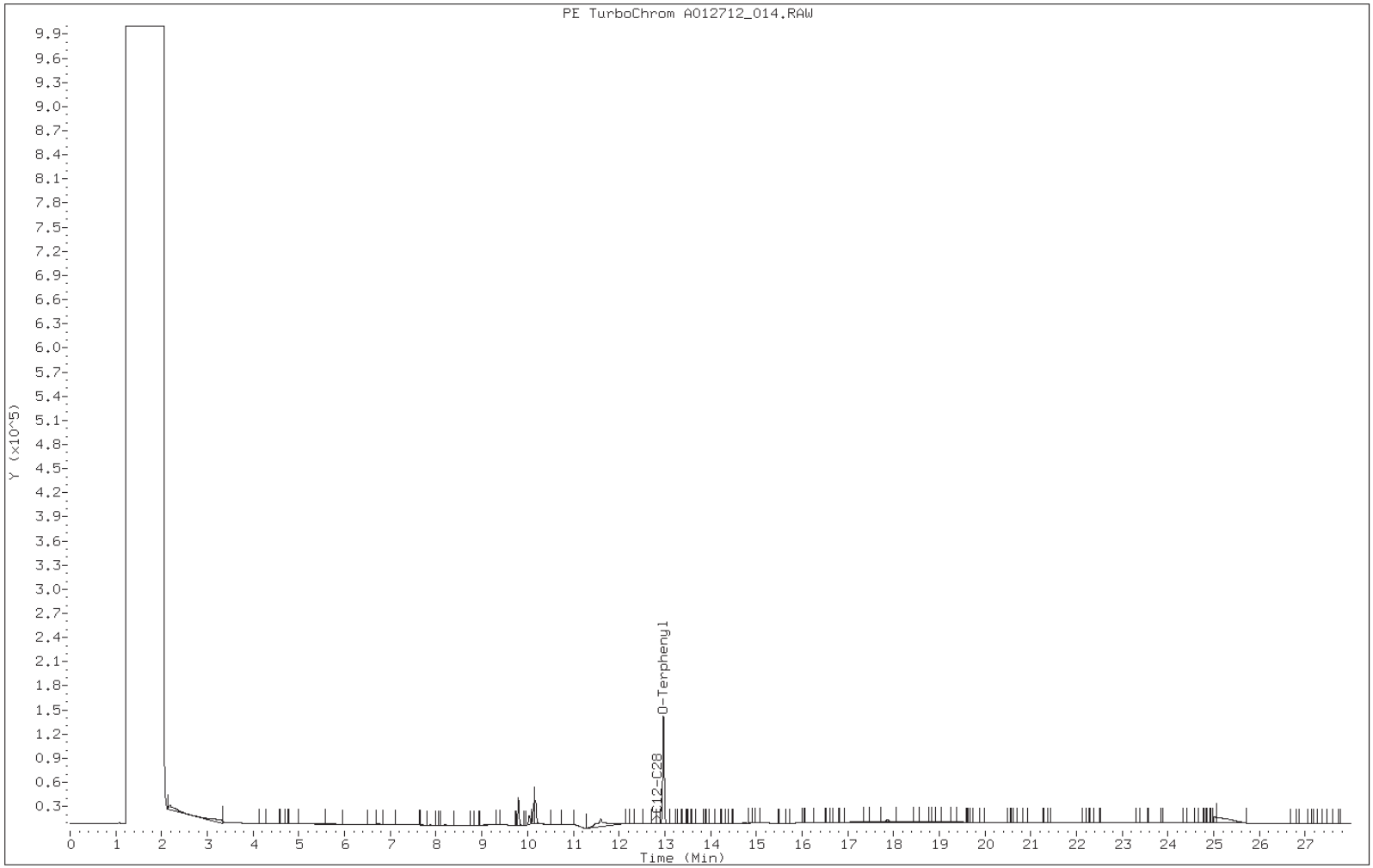
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: A012712_014.d

Date: 27-JAN-2012 20:56

Client ID: 2012-FWCS-2 Instrument: FID-07.i

Sample Info: 600-49143-B-6-A Operator: vanderborghr



A12-774

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: Field Blank 4 | Lab Sample ID: 600-49143-7

Matrix: Water | Lab File ID: A012712_006.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 14:45

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.70(mL) | Date Analyzed: 01/27/2012 16:20

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.362	U	4.89	0.362
STL00035	>C12-C28	0.313	U	4.89	0.313
STL00147	>C28-C35	0.547	U	4.89	0.547
STL00006	C6-C35	0.547	U	4.89	0.547

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	116		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_006.d
Lab Smp Id: 600-49143-A-7-A Client Smp ID: Field Blank 4
Inj Date : 27-JAN-2012 16:20
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-7-A
Misc Info : 600-49143-A-7-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.700	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	12.970	13.021	-0.051	473105	19.2959	1.89(RM)

QC Flag Legend

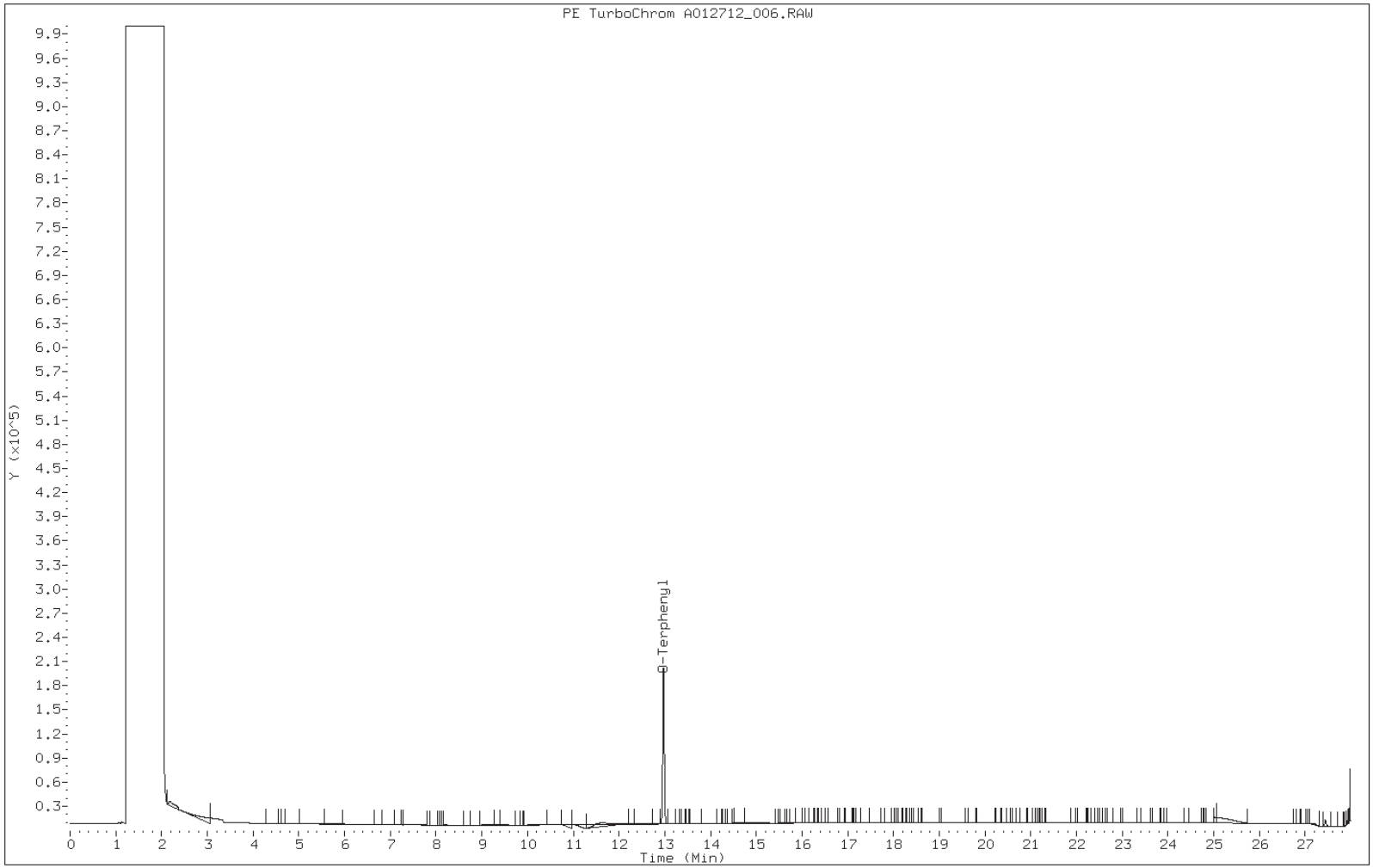
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012712_006.d

Date: 27-JAN-2012 16:20

Client ID: Field Blank 4 Instrument: FID-07.i

Sample Info: 600-49143-A-7-A Operator: vanderborghr



A12-777

Manual Integration Report

Data File: A012712_006.d
Inj. Date and Time: 27-JAN-2012 16:20
Instrument ID: FID-07.i
Client ID: Field Blank 4
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

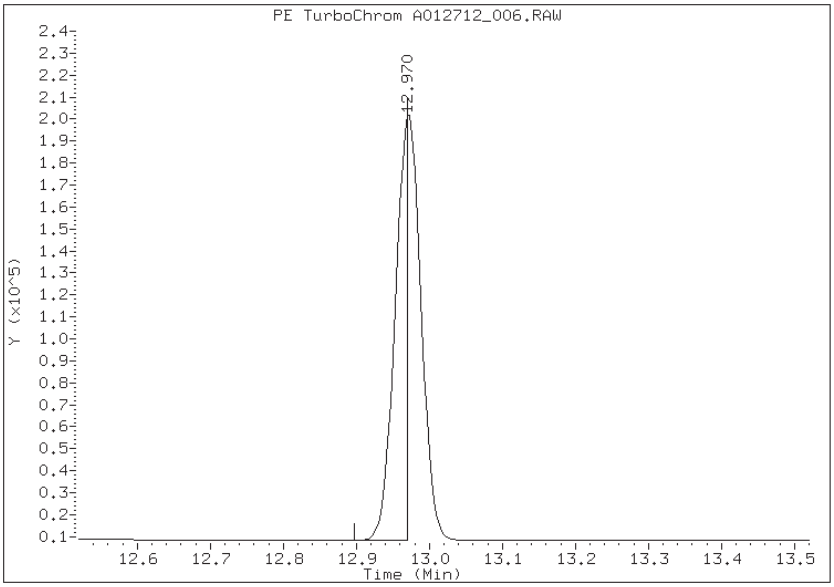
Processing Integration Results

RT: 12.97

Response: 222593

Amount: 9.08

Conc: 0.89



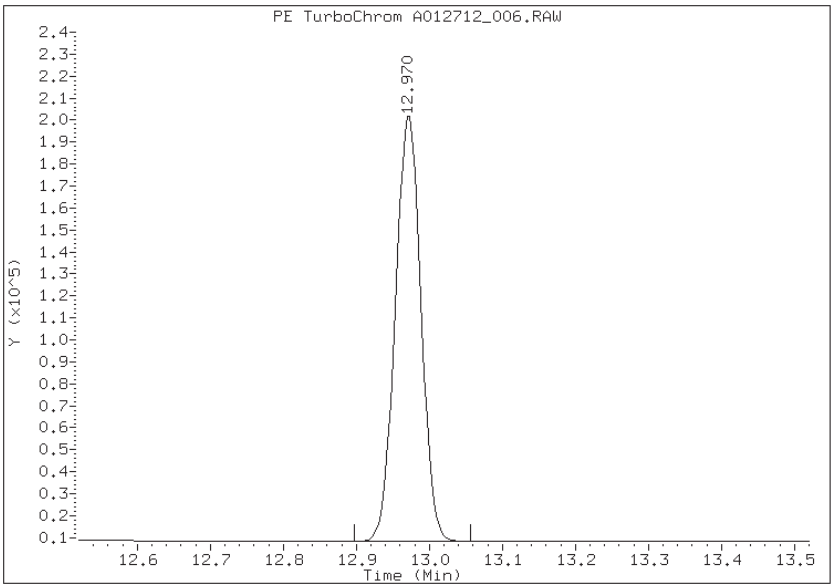
Manual Integration Results

RT: 12.97

Response: 473105

Amount: 19.30

Conc: 1.89



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: Equipment Blank 8 Lab Sample ID: 600-49143-10

Matrix: Water Lab File ID: A012712_007.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 16:09

Extraction Method: TX_1005_W_Prep Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.83(mL) Date Analyzed: 01/27/2012 16:55

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.360	U	4.87	0.360
STL00035	>C12-C28	0.311	U	4.87	0.311
STL00147	>C28-C35	0.545	U	4.87	0.545
STL00006	C6-C35	0.545	U	4.87	0.545

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	118		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_007.d
Lab Smp Id: 600-49143-C-10-A Client Smp ID: Equipment Blank 8
Inj Date : 27-JAN-2012 16:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-C-10-A
Misc Info : 600-49143-C-10-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.830	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	12.970	13.021	-0.051	482917	19.6960	1.92(R)

QC Flag Legend

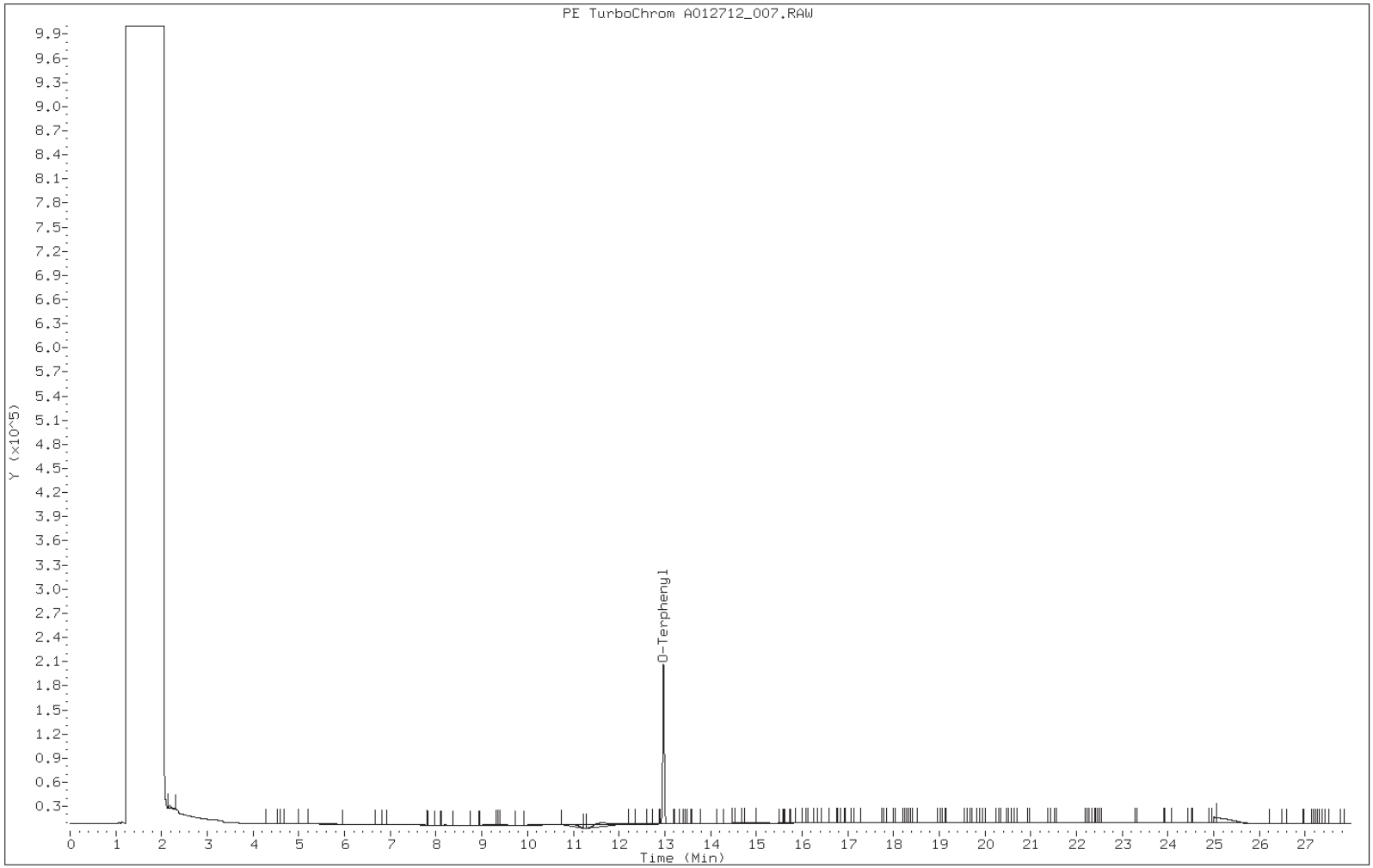
R - Spike/Surrogate failed recovery limits.

Data File: A012712_007.d

Date: 27-JAN-2012 16:55

Client ID: Equipment Blank 8 Instrument: FID-07.i

Sample Info: 600-49143-C-10-A Operator: vanderborghr



A12-781

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: Trip Blank 1/14/12 | Lab Sample ID: 600-49143-11

Matrix: Water | Lab File ID: A012712_008.d

Analysis Method: TX 1005 | Date Collected: 01/14/2012 00:00

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.47(mL) | Date Analyzed: 01/27/2012 17:29

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.364	U	4.92	0.364
STL00035	>C12-C28	0.315	U	4.92	0.315
STL00147	>C28-C35	0.551	U	4.92	0.551
STL00006	C6-C35	0.551	U	4.92	0.551

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	123		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_008.d
Lab Smp Id: 600-49143-A-11-A Client Smp ID: Trip Blank 1/14/12
Inj Date : 27-JAN-2012 17:29
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-11-A
Misc Info : 600-49143-A-11-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.470	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	12.973	13.021	-0.048	502851	20.5091	2.02(R)

QC Flag Legend

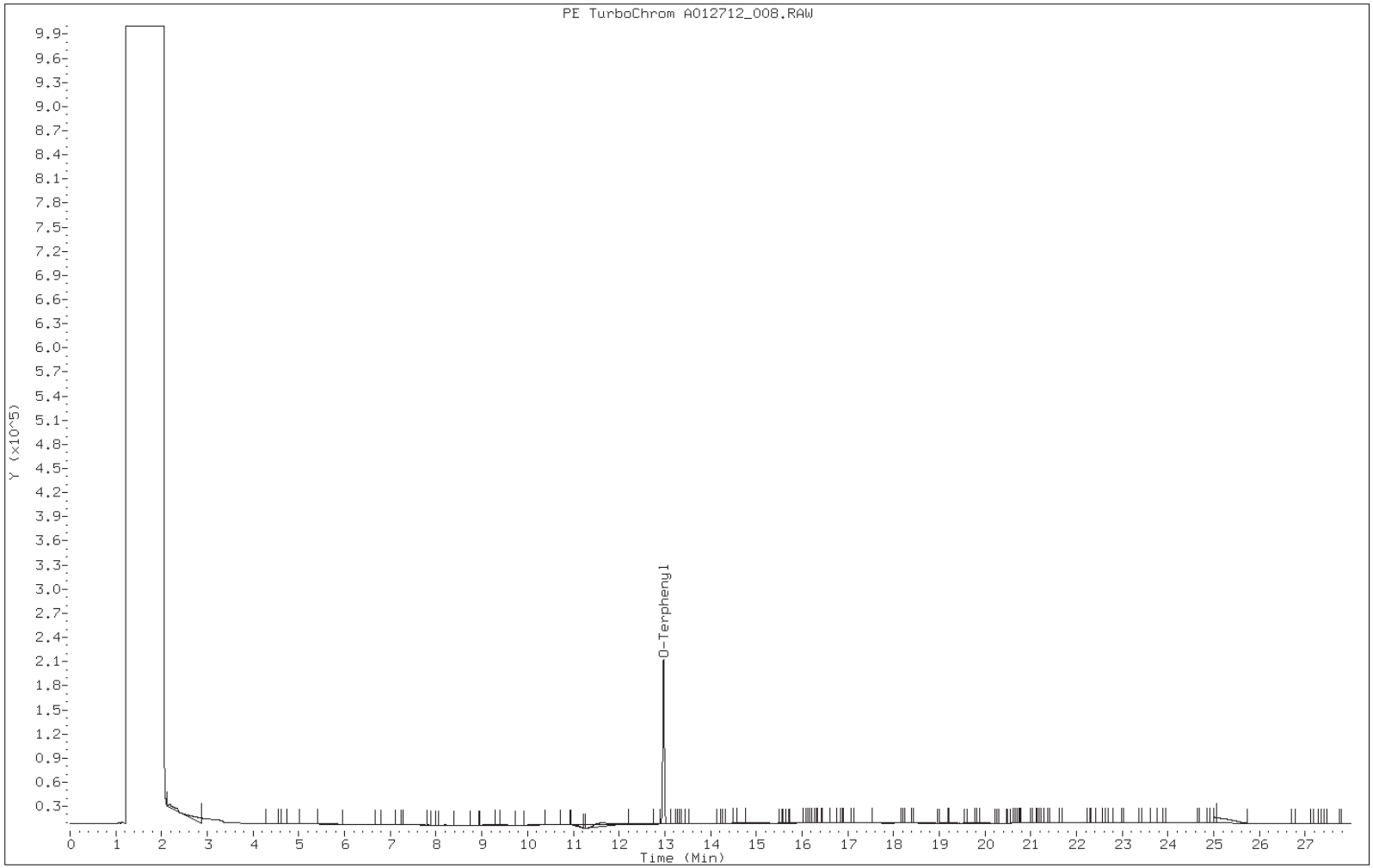
R - Spike/Surrogate failed recovery limits.

Data File: A012712_008.d

Date: 27-JAN-2012 17:29

Client ID: Trip Blank 1/14/12 Instrument: FID-07.i

Sample Info: 600-49143-A-11-A Operator: vanderborghr



A12-784

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C12	5.600	5.600	5.600	5.600	5.600	5.600					2.200 - 9.000	5.600
C6-C35	11.300	11.300	11.300	11.300	11.300	11.300					2.200 - 20.400	11.300
>C12-C28	12.950	12.950	12.950	12.950	12.950	12.950					9.100 - 16.800	12.950
>C28-C35	18.650	18.650	18.650	18.650	18.650	18.650					16.900 - 20.400	18.650
o-Terphenyl	13.020	13.023	13.020	13.020	13.020	13.020					12.921 - 13.121	13.021

A12-785

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C12	16123 17162	17773 18356	19650	16565	Ave		17604.6831				7.3		25.0			
C6-C35	41728 45820	50512 46805	56954	44506	Ave		47720.8340				11.2		25.0			
>C12-C28	13891 15254	15901 15244	18145	14744	Ave		15529.7532				9.3		25.0			
>C28-C35	11714 13405	16837 13206	19159	13197	Ave		14586.3976				19.3		25.0			
o-Terphenyl	22091 23450	26235 23373	29832	22130	Ave		24518.4833				12.3		30.0			

A12-786

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C12	Ave	806158 18355550	1777290	3930005	6625971	13729229	50.0 1000	100	200	400	800
C6-C35	Ave	2086404 46805385	5051166	11390776	17802396	36656007	50.0 1000	100	200	400	800
>C12-C28	Ave	694535 15243813	1590134	3628920	5897706	12203041	50.0 1000	100	200	400	800
>C28-C35	Ave	585711 13206022	1683742	3831851	5278719	10723737	50.0 1000	100	200	400	800
o-Terphenyl	Ave	69033 1460790	163969	372899	553257	1172523	3.13 62.5	6.25	12.5	25.0	50.0

Curve Type Legend:

Ave = Average

A12-787

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_004.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 15:35
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			806158	50.0000	45.79
$	4 O-Terphenyl	13.020	13.020	0.000	69033	3.12500	2.82(M)
S	2 >C12-C28	9.100-16.800			694535	50.0000	44.72
S	3 >C28-C35	16.899-20.400			585711	50.0000	40.15
S	5 Total C6-C35				2086404	50.0000	130.7

QC Flag Legend

M - Compound response manually integrated.

Data File: A120511_004.d

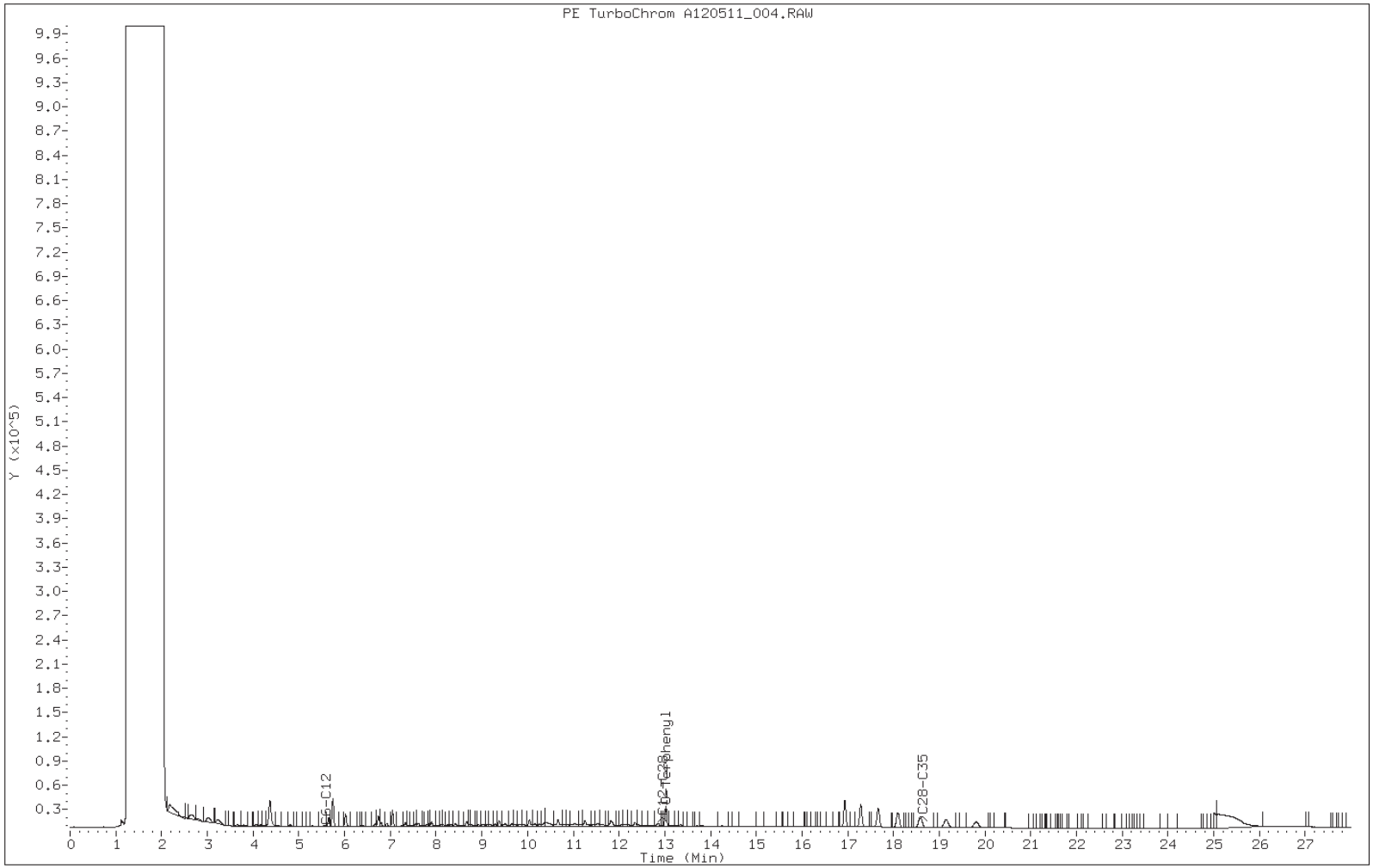
Date: 05-DEC-2011 15:35

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-789

Manual Integration Report

Data File: A120511_004.d
Inj. Date and Time: 05-DEC-2011 15:35
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/06/2011

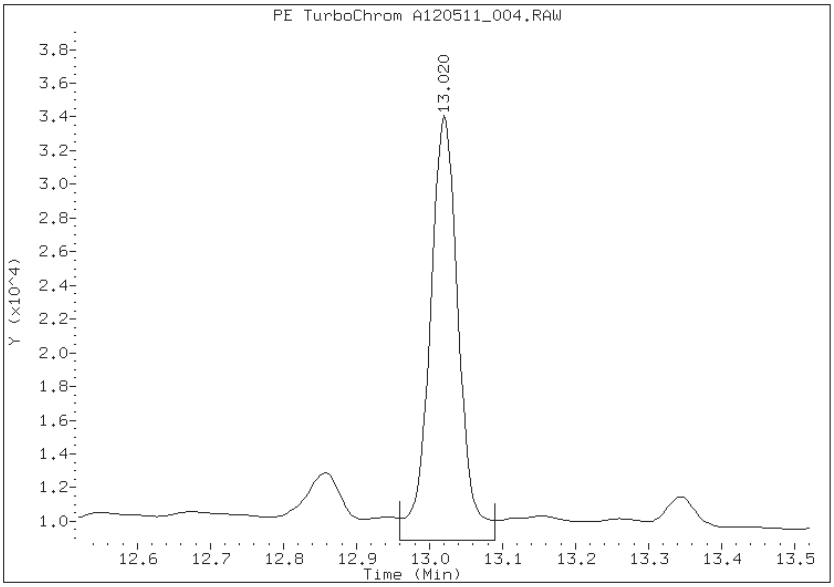
Processing Integration Results

RT: 13.02

Response: 68702

Amount: 2.80

Conc: 2.80



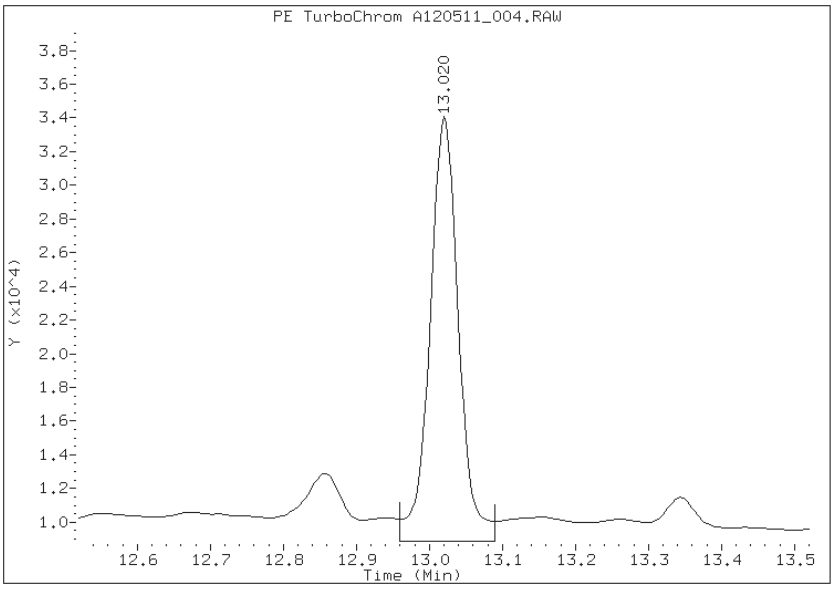
Manual Integration Results

RT: 13.02

Response: 69033

Amount: 2.82

Conc: 2.82



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_005.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 16:23
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 005
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 15:35 Cal File: A120511_004.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			1777290	100.000	101.0
$	4 O-Terphenyl	13.023	13.020	0.003	163969	6.25000	6.69
S	2 >C12-C28	9.100-16.800			1590134	100.000	102.4
S	3 >C28-C35	16.899-20.400			1683742	100.000	115.4
S	5 Total C6-C35				5051166	100.000	318.8

Data File: A120511_005.d

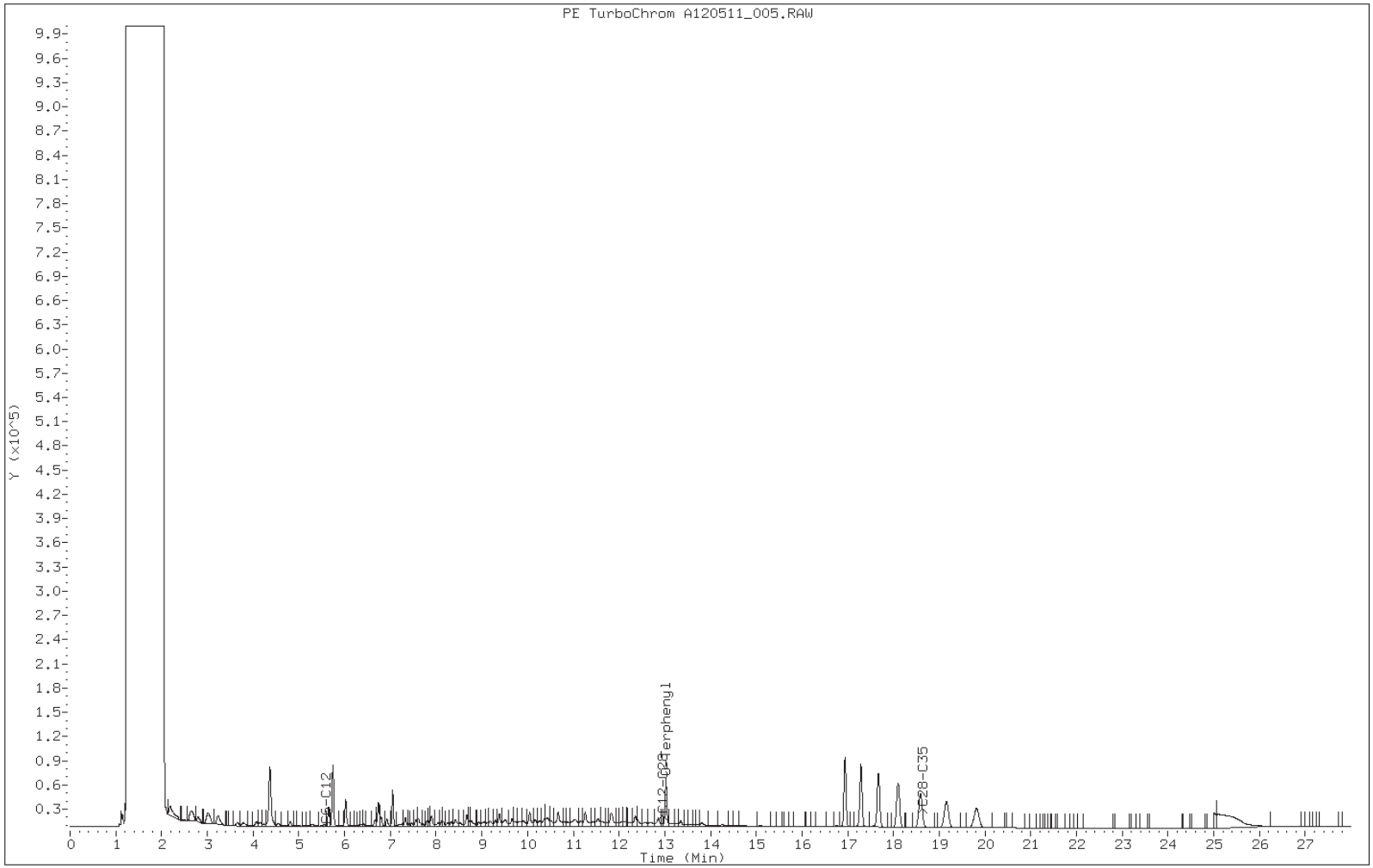
Date: 05-DEC-2011 16:23

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-792

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_006.d
Lab Smp Id: ICRT
Inj Date : 05-DEC-2011 17:03
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 006
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 07-Dec-2011 15:25 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 16:23 Cal File: A120511_005.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3930005	200.000	223.2
$	4 O-Terphenyl	13.020	13.020	0.000	372899	12.5000	15.21
S	2 >C12-C28	9.010-16.649			3628920	200.000	233.7(M)
S	3 >C28-C35	16.651-20.400			3831851	200.000	262.7(M)
S	5 Total C6-C35				11390776	200.000	719.6

QC Flag Legend

M - Compound response manually integrated.

Data File: A120511_006.d

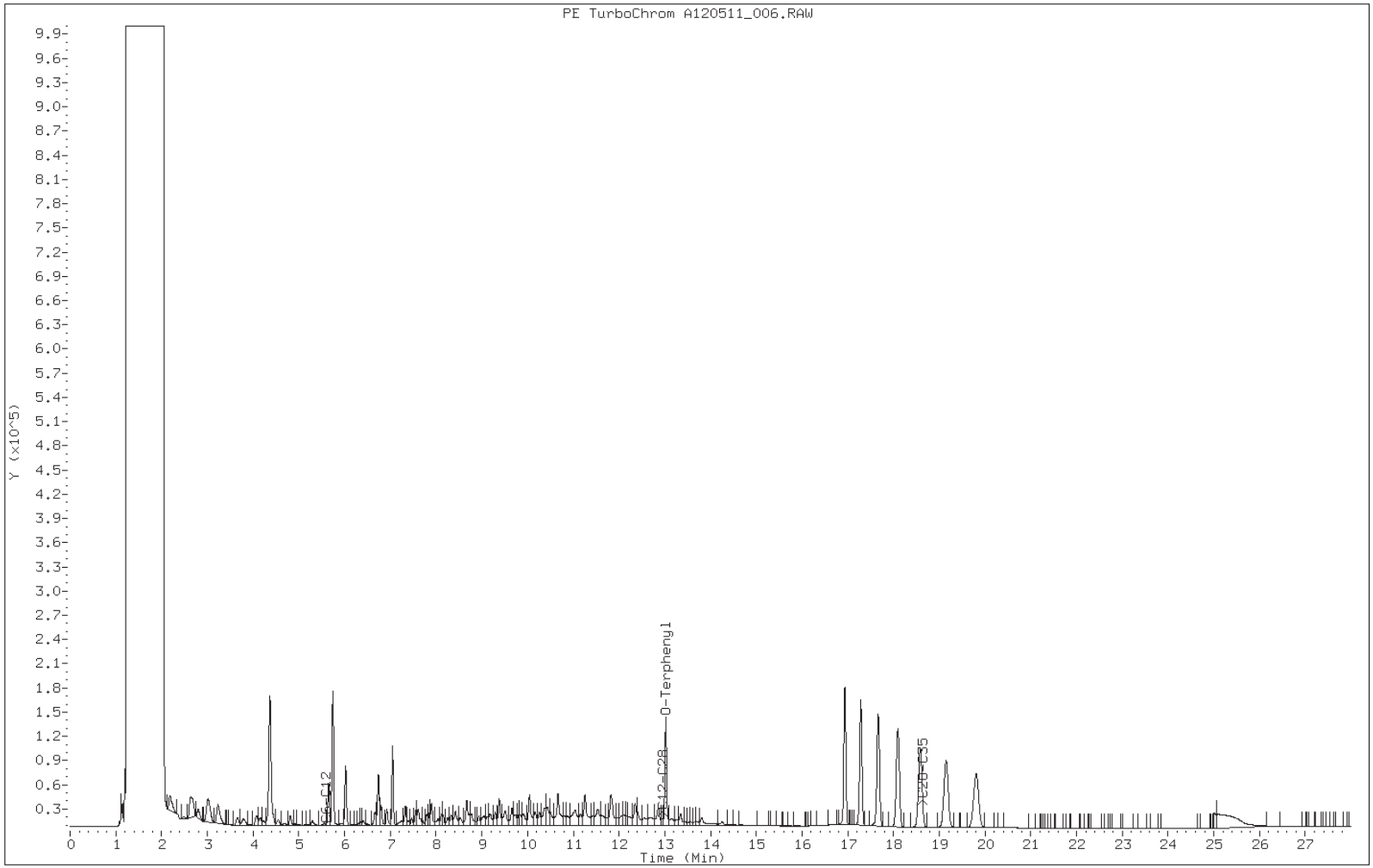
Date: 05-DEC-2011 17:03

Client ID:

Instrument: FID-07.i

Sample Info: ICRT

Operator: kuventr



A12-794

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_007.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 17:44
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 007
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			6625971	400.000	376.4
$	4 O-Terphenyl	13.020	13.020	0.000	553257	25.0000	22.56
S	2 >C12-C28	9.100-16.800			5897706	400.000	379.8
S	3 >C28-C35	16.899-20.400			5278719	400.000	361.9
S	5 Total C6-C35				17802396	400.000	1118

Data File: A120511_007.d

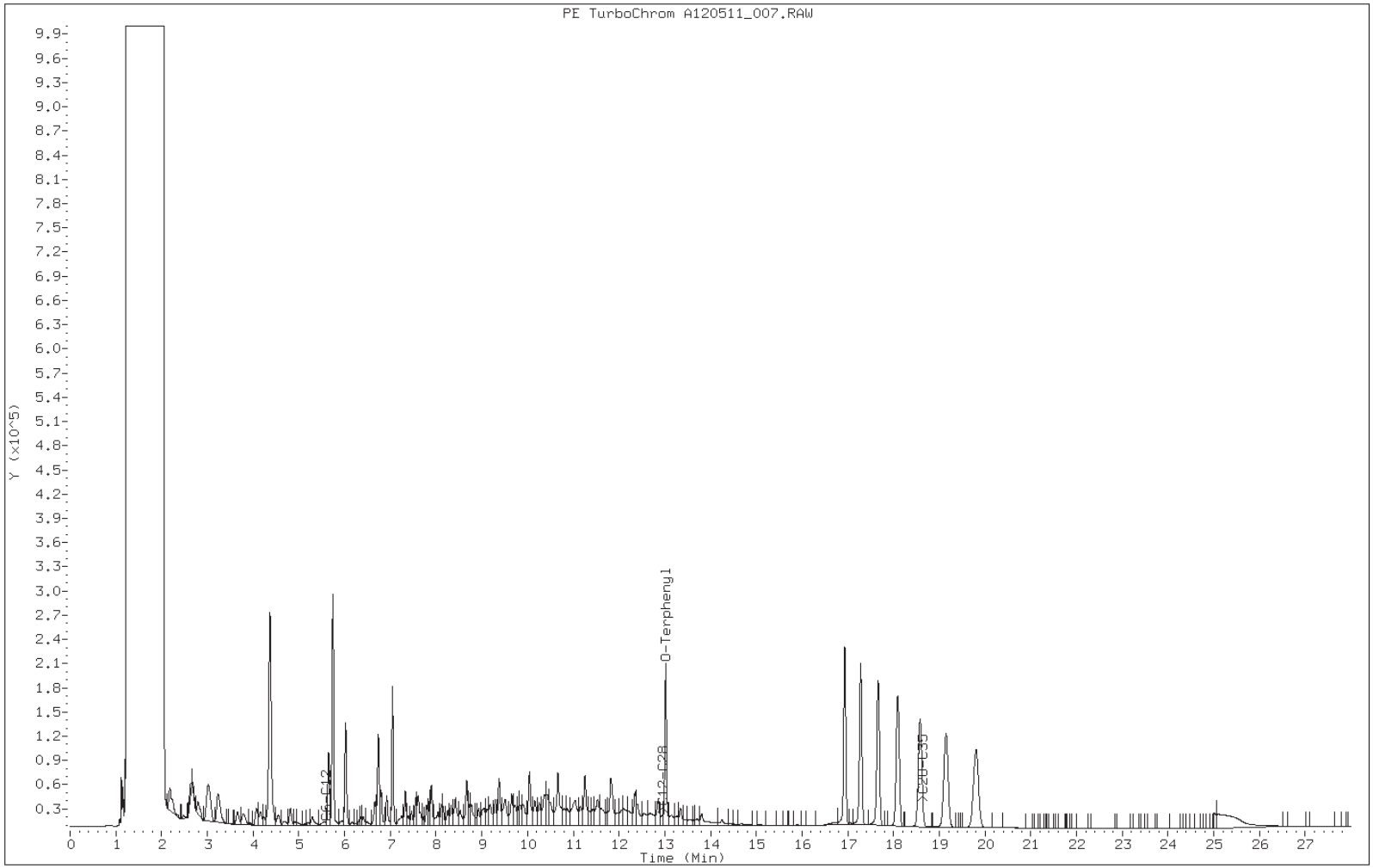
Date: 05-DEC-2011 17:44

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-796

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_008.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 18:25
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 008
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:44 Cal File: A120511_007.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			13729229	800.000	779.9
$	4 O-Terphenyl	13.020	13.020	0.000	1172523	50.0000	47.82
S	2 >C12-C28	9.100-16.800			12203041	800.000	785.8
S	3 >C28-C35	16.899-20.400			10723737	800.000	735.2
S	5 Total C6-C35				36656007	800.000	2301

Data File: A120511_008.d

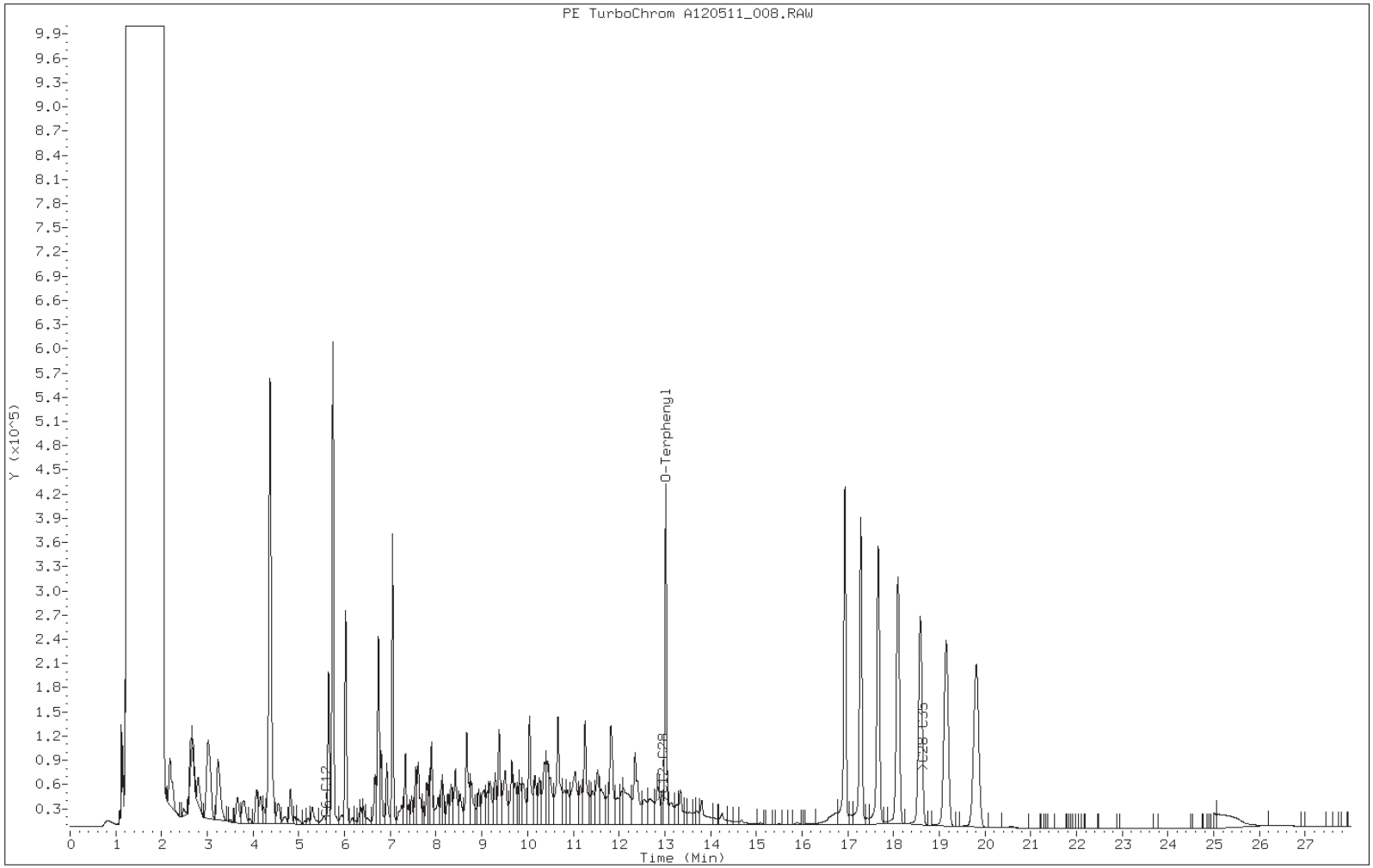
Date: 05-DEC-2011 18:25

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-798

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_009.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 19:06
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 009
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 18:25 Cal File: A120511_008.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			18355550	1000.00	1043(A)
$	4 O-Terphenyl	13.020	13.020	0.000	1460790	62.5000	59.58
S	2 >C12-C28	9.100-16.800			15243813	1000.00	981.6
S	3 >C28-C35	16.899-20.400			13206022	1000.00	905.4
S	5 Total C6-C35				46805385	1000.00	2930

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: A120511_009.d

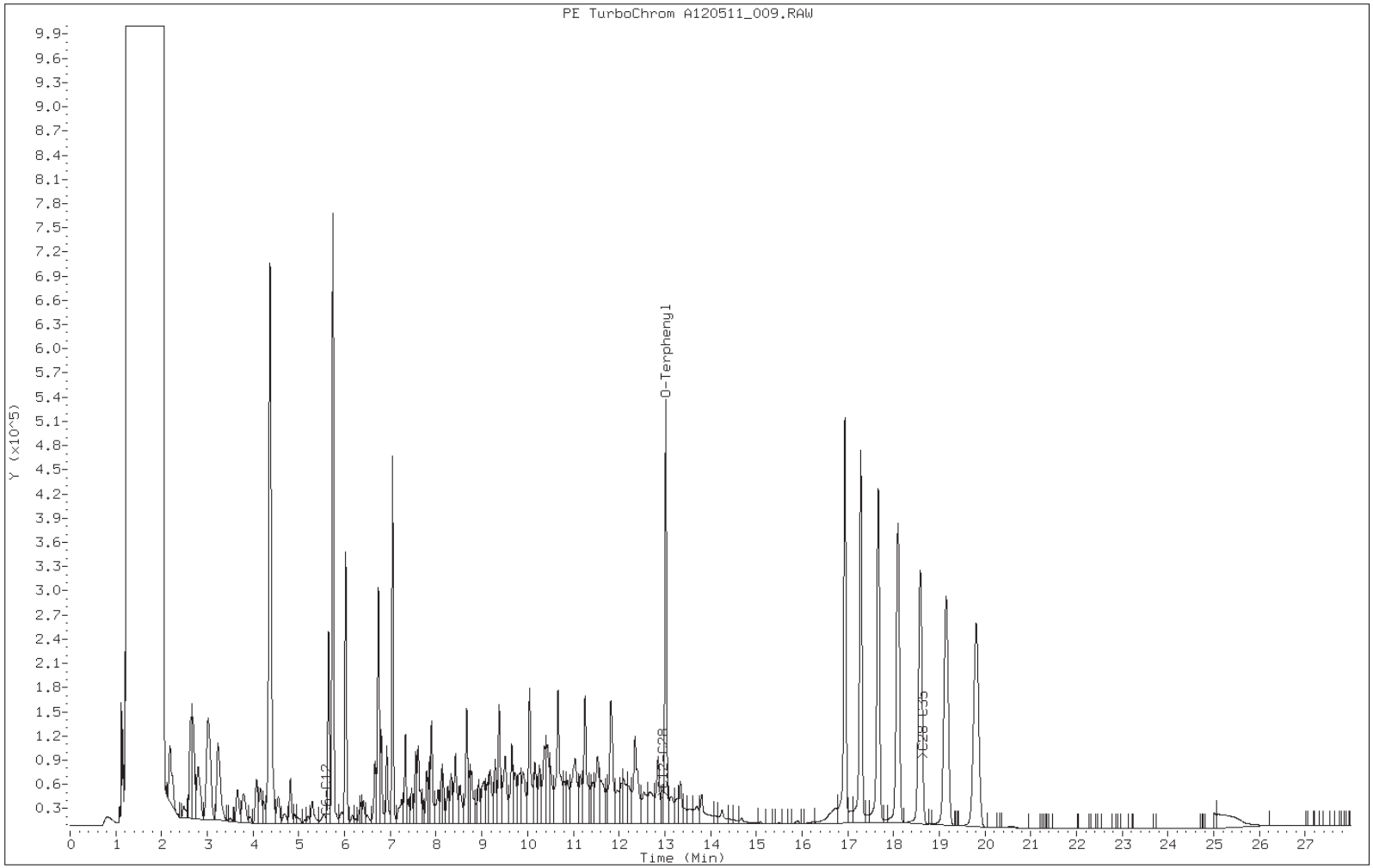
Date: 05-DEC-2011 19:06

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-800

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
C6-C12	5.050	5.050	5.050	5.050	5.050	5.050	5.050				2.600 - 7.500	5.050
>C12-C28	11.455	11.455	11.455	11.455	11.455	11.455	11.455				7.510 - 15.400	11.455
C6-C35	11.700	11.700	11.700	11.700	11.700	11.700	11.700				2.600 - 20.800	11.700
>C28-C35	18.105	18.105	18.105	18.105	18.105	18.105	18.105				15.410 - 20.800	18.105
o-Terphenyl	13.323	13.323	13.323	13.323	13.320	13.323	13.323				13.223 - 13.423	13.323

A12-801

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
C6-C12	18394 16069	18061 16539	17201 15810	16159	Ave		16890.3479				6.0		25.0			
>C12-C28	20769 24589	22641 25121	24341 24317	24211	Ave		23712.6569				6.3		25.0			
C6-C35	62470 62390	64382 64906	66738 62992	63392	Ave		63895.9426				2.4		25.0			
>C28-C35	23308 21732	23680 23246	25197 22865	23023	Ave		23292.9378				4.5		25.0			
o-Terphenyl	31428 29706	32314 31298	32224 30288	30328	Ave		31083.6926				3.2		30.0			

A12-802

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston | Job No.: 600-49143-1 | Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 | GC Column: RTX-5 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 | Calibration End Date: 12/08/2011 21:43 | Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
C6-C12	Ave	459846 13231331	903029 15810439	1720056	3231767	6427607	25.0 800	50.0 1000	100	200	400
>C12-C28	Ave	519221 20096874	1132058 24316636	2434090	4842155	9835678	25.0 800	50.0 1000	100	200	400
C6-C35	Ave	1561761 51924920	3219090 62992463	6673808	12678475	24956116	25.0 800	50.0 1000	100	200	400
>C28-C35	Ave	582694 18596715	1184003 22865388	2519662	4604553	8692831	25.0 800	50.0 1000	100	200	400
o-Terphenyl	Ave	49106 1564880	100980 1893028	201402	379097	742657	1.56 50.0	3.13 62.5	6.25	12.5	25.0

Curve Type Legend:

Ave = Average

A12-803

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_003.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 17:54
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			459846	25.0000	27.23
$	4 O-Terphenyl	13.323	13.322	0.001	49106	1.56250	1.58(M)
S	2 >C12-C28	7.510-15.400			519221	25.0000	21.90
S	3 >C28-C35	15.410-20.800			582694	25.0000	25.02
S	5 Total C6-C35				1561761	25.0000	74.14

QC Flag Legend

M - Compound response manually integrated.

Data File: B120811_003.d

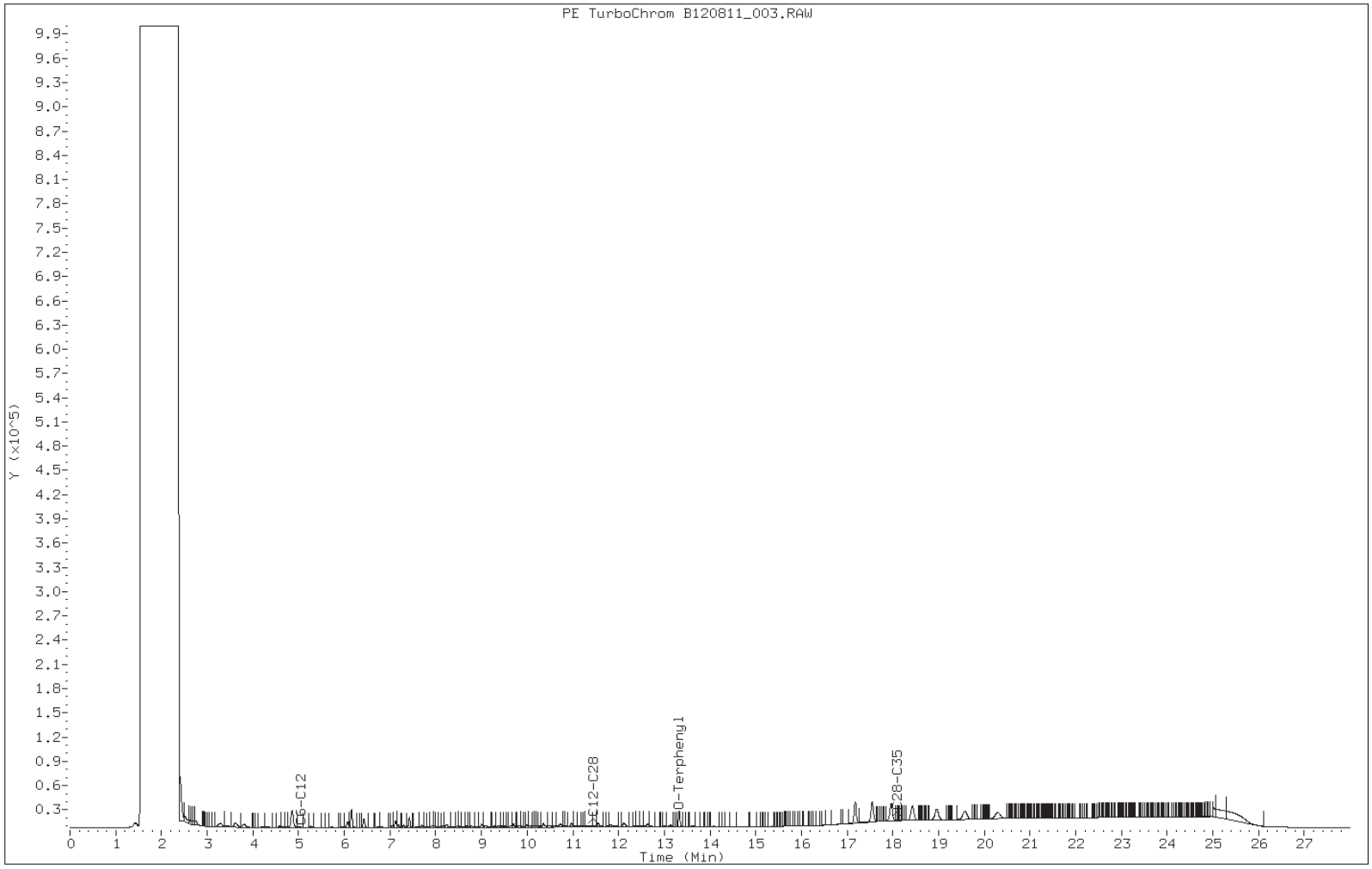
Date: 08-DEC-2011 17:54

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-805

Manual Integration Report

Data File: B120811_003.d
Inj. Date and Time: 08-DEC-2011 17:54
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

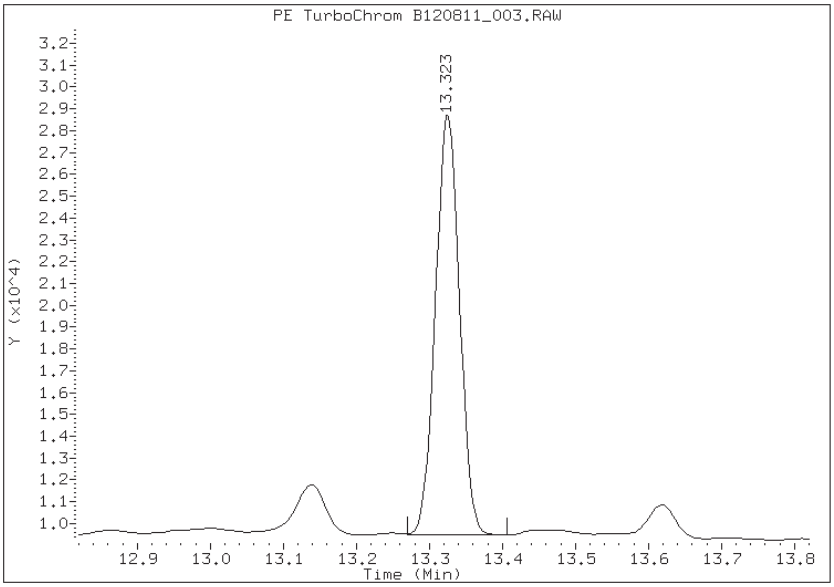
Processing Integration Results

RT: 13.32

Response: 44181

Amount: 1.51

Conc: 1.51



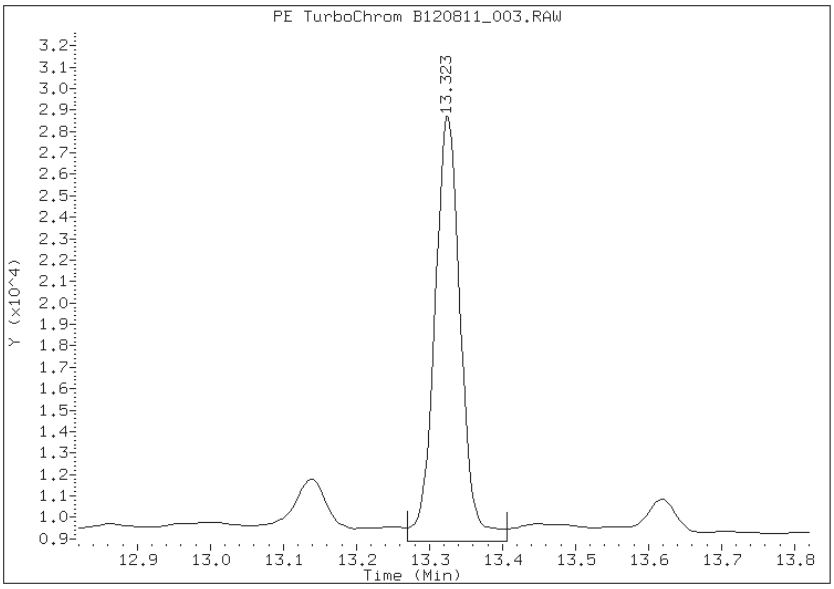
Manual Integration Results

RT: 13.32

Response: 49106

Amount: 1.58

Conc: 1.58



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_004.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 18:33
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 17:54 Cal File: B120811_003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			903029	50.0000	53.46
$	4 O-Terphenyl	13.323	13.322	0.001	100980	3.12500	3.25(M)
S	2 >C12-C28	7.510-15.400			1132058	50.0000	47.74
S	3 >C28-C35	15.410-20.800			1184003	50.0000	50.83
S	5 Total C6-C35				3219090	50.0000	152.0

QC Flag Legend

M - Compound response manually integrated.

Data File: B120811_004.d

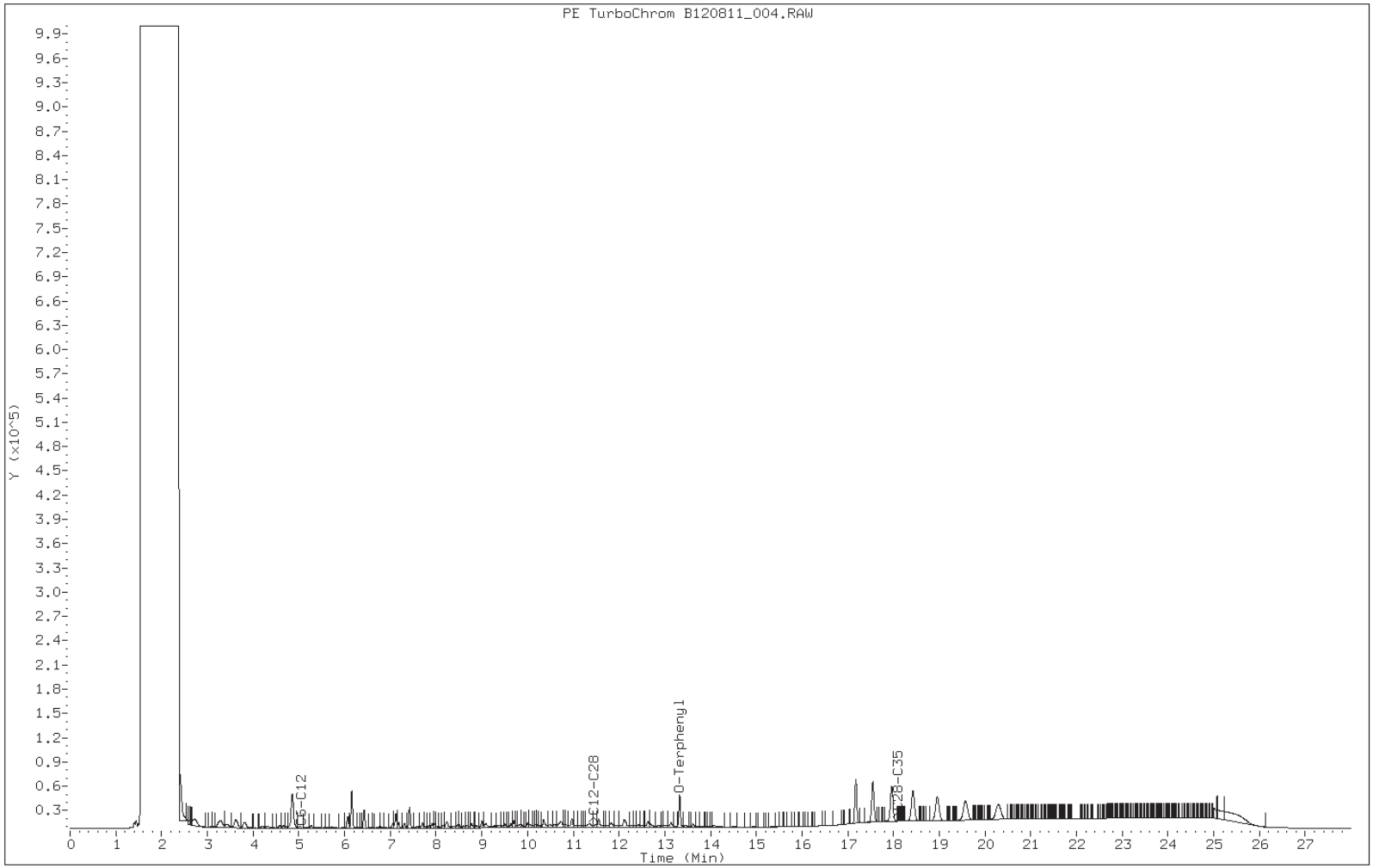
Date: 08-DEC-2011 18:33

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-808

Manual Integration Report

Data File: B120811_004.d
Inj. Date and Time: 08-DEC-2011 18:33
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

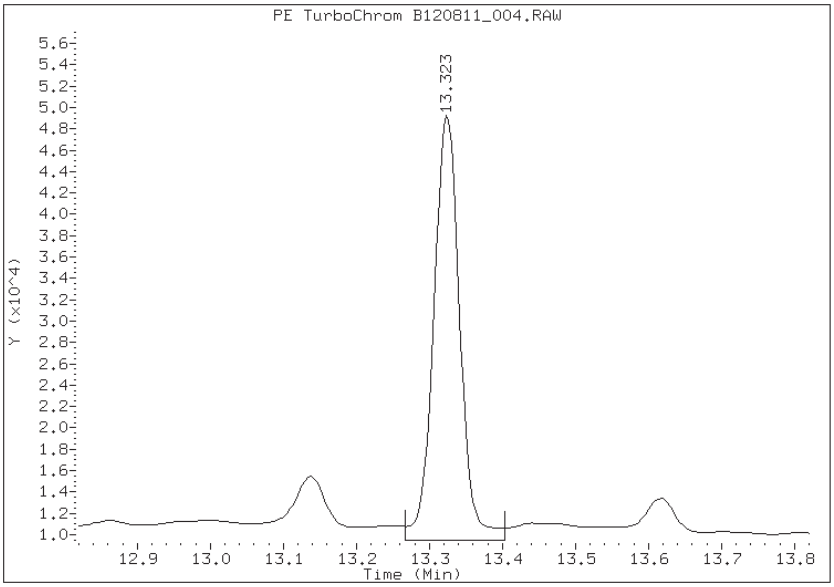
Processing Integration Results

RT: 13.32

Response: 99189

Amount: 3.21

Conc: 3.21



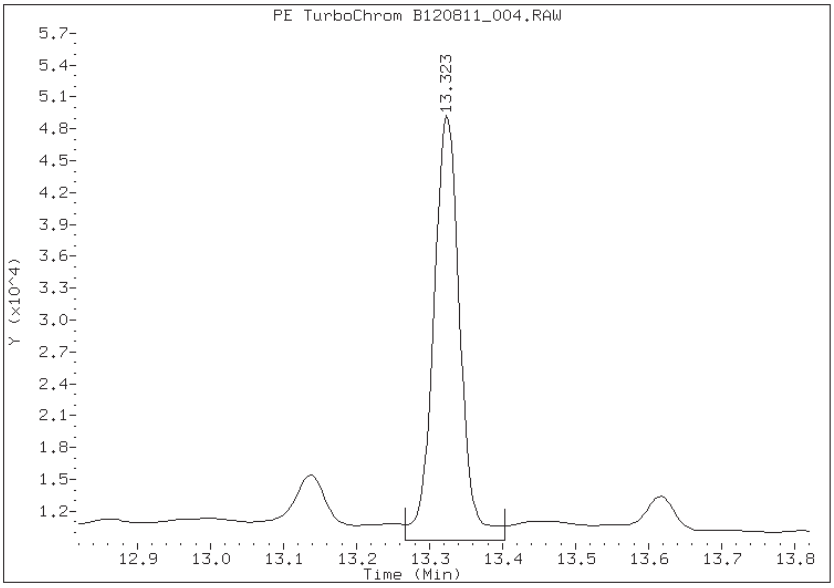
Manual Integration Results

RT: 13.32

Response: 100980

Amount: 3.25

Conc: 3.25



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_005.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 19:11
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 055
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 18:33 Cal File: B120811_004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			1720056	100.000	101.8
$	4 O-Terphenyl	13.323	13.322	0.001	201402	6.25000	6.48(M)
S	2 >C12-C28	7.510-15.400			2434090	100.000	102.6
S	3 >C28-C35	15.410-20.800			2519662	100.000	108.2
S	5 Total C6-C35				6673808	100.000	312.7

QC Flag Legend

M - Compound response manually integrated.

Data File: B120811_005.d

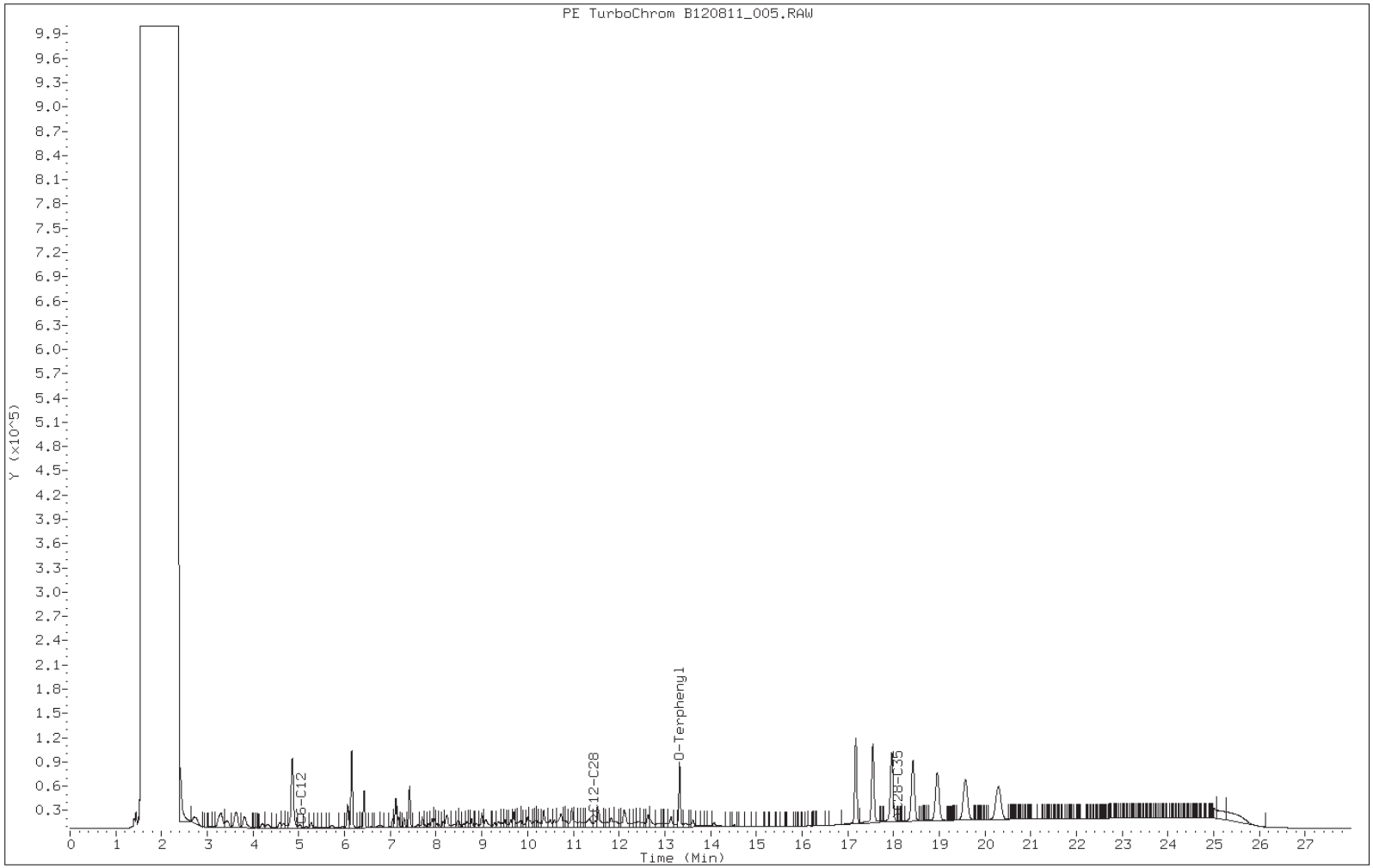
Date: 08-DEC-2011 19:11

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-811

Manual Integration Report

Data File: B120811_005.d
Inj. Date and Time: 08-DEC-2011 19:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

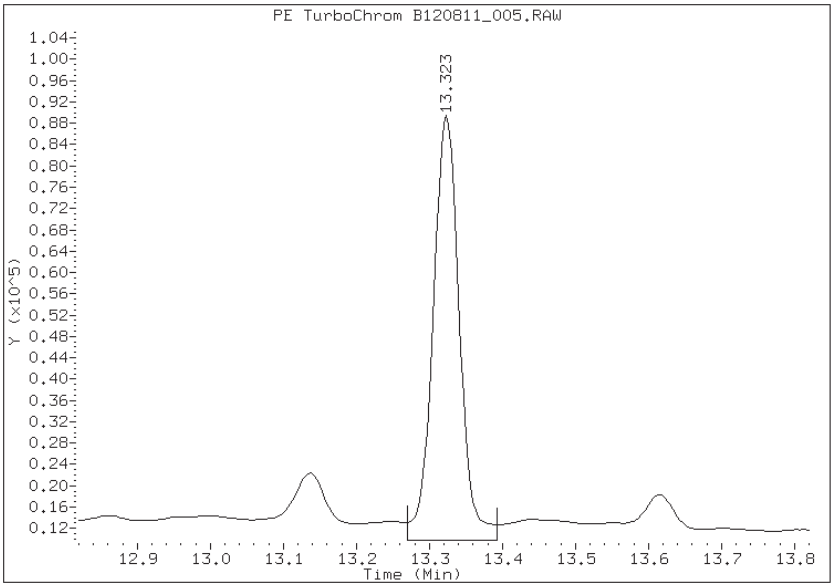
Processing Integration Results

RT: 13.32

Response: 200177

Amount: 6.47

Conc: 6.47



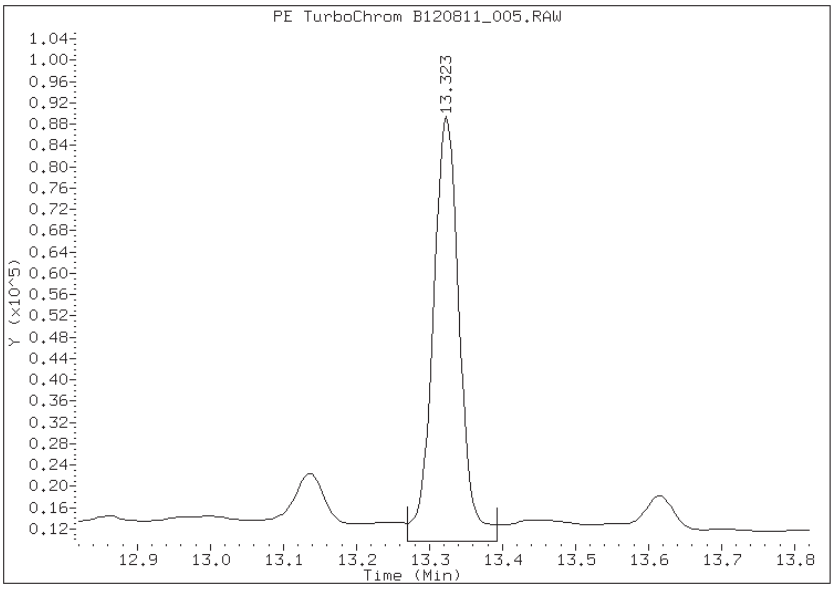
Manual Integration Results

RT: 13.32

Response: 201402

Amount: 6.48

Conc: 6.48



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_006.d
Lab Smp Id: ICRT
Inj Date : 08-DEC-2011 19:49
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 056
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:11 Cal File: B120811_005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			3231767	200.000	191.3
$	4 O-Terphenyl	13.323	13.322	0.001	379097	12.5000	12.20(M)
S	2 >C12-C28	7.510-15.400			4842155	200.000	204.2
S	3 >C28-C35	15.410-20.800			4604553	200.000	197.7
S	5 Total C6-C35				12678475	200.000	593.2

QC Flag Legend

M - Compound response manually integrated.

Data File: B120811_006.d

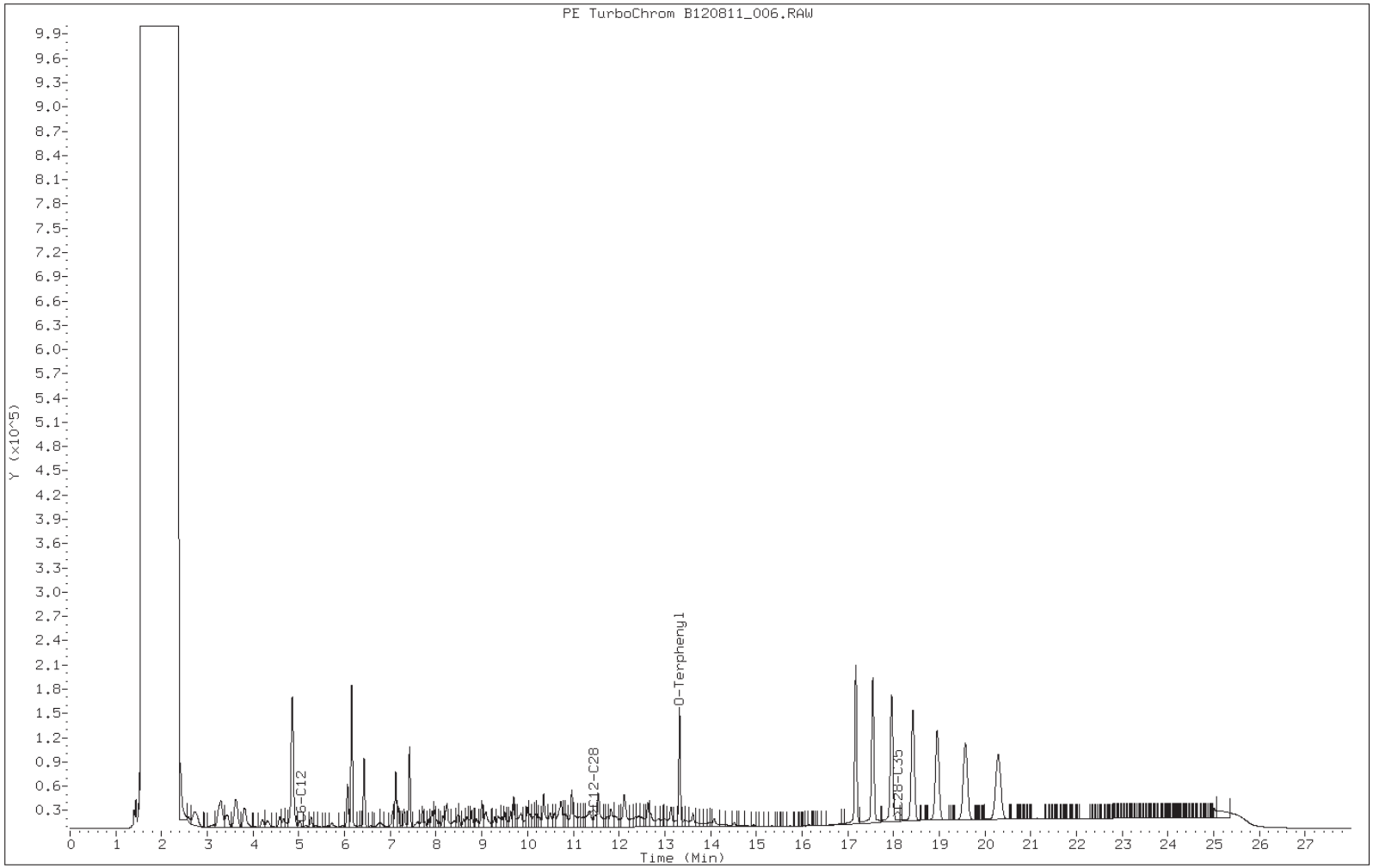
Date: 08-DEC-2011 19:49

Client ID:

Instrument: FID-07.i

Sample Info: ICRT

Operator: kuventr



A12-814

Manual Integration Report

Data File: B120811_006.d
Inj. Date and Time: 08-DEC-2011 19:49
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

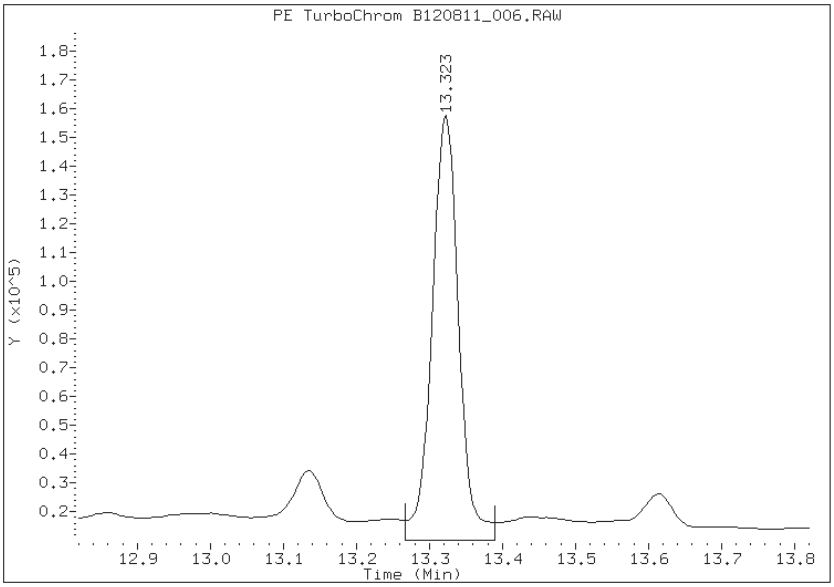
Processing Integration Results

RT: 13.32

Response: 375923

Amount: 12.14

Conc: 12.14



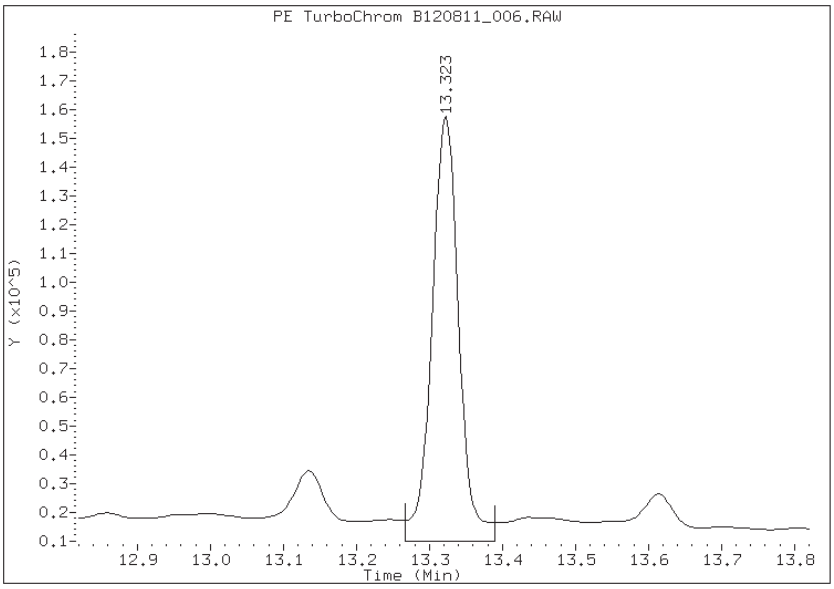
Manual Integration Results

RT: 13.32

Response: 379097

Amount: 12.20

Conc: 12.20



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_007.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 20:28
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 057
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:49 Cal File: B120811_006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			6427607	400.000	380.5
$	4 O-Terphenyl	13.320	13.322	-0.002	742657	25.0000	23.89(M)
S	2 >C12-C28	7.510-15.400			9835678	400.000	414.8
S	3 >C28-C35	15.410-20.800			8692831	400.000	373.2
S	5 Total C6-C35				24956116	400.000	1169

QC Flag Legend

M - Compound response manually integrated.

Data File: B120811_007.d

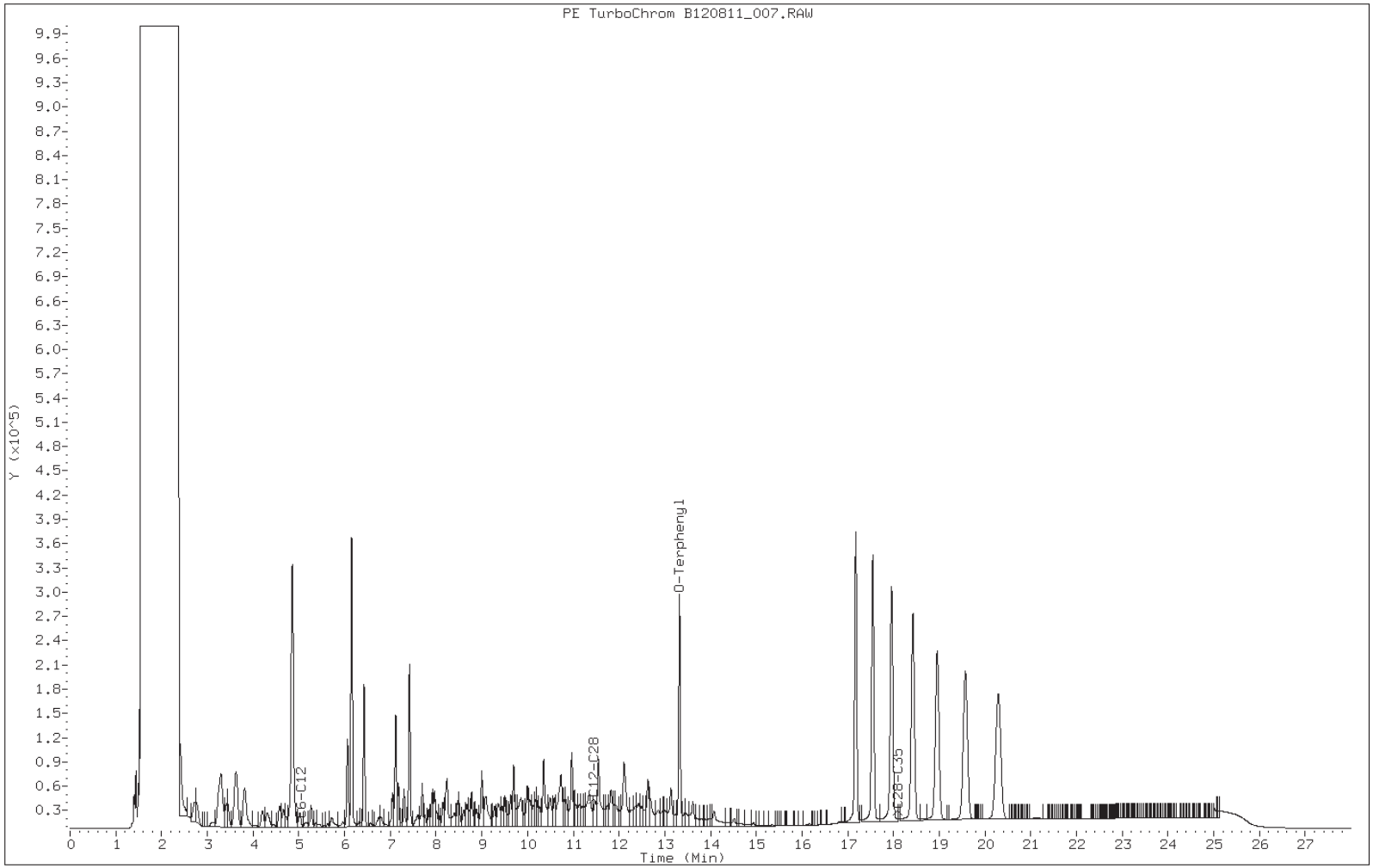
Date: 08-DEC-2011 20:28

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-817

Manual Integration Report

Data File: B120811_007.d
Inj. Date and Time: 08-DEC-2011 20:28
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

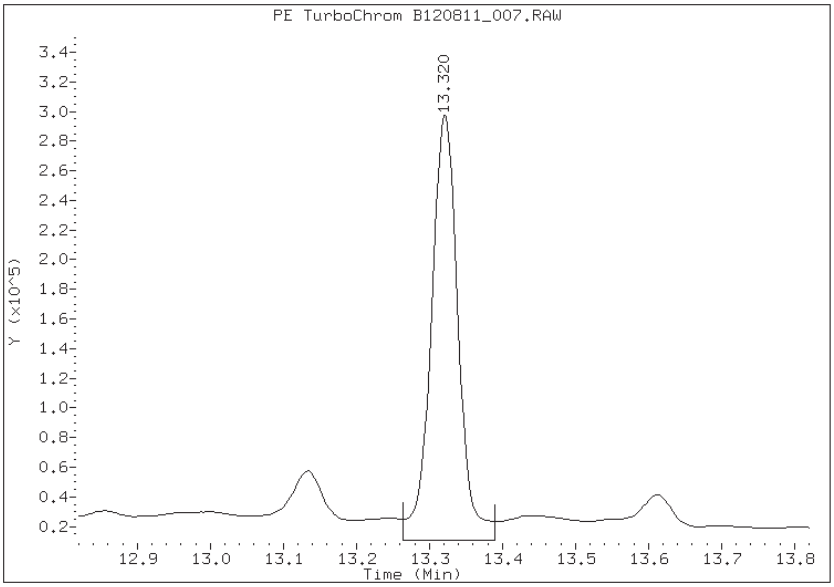
Processing Integration Results

RT: 13.32

Response: 738257

Amount: 23.82

Conc: 23.82



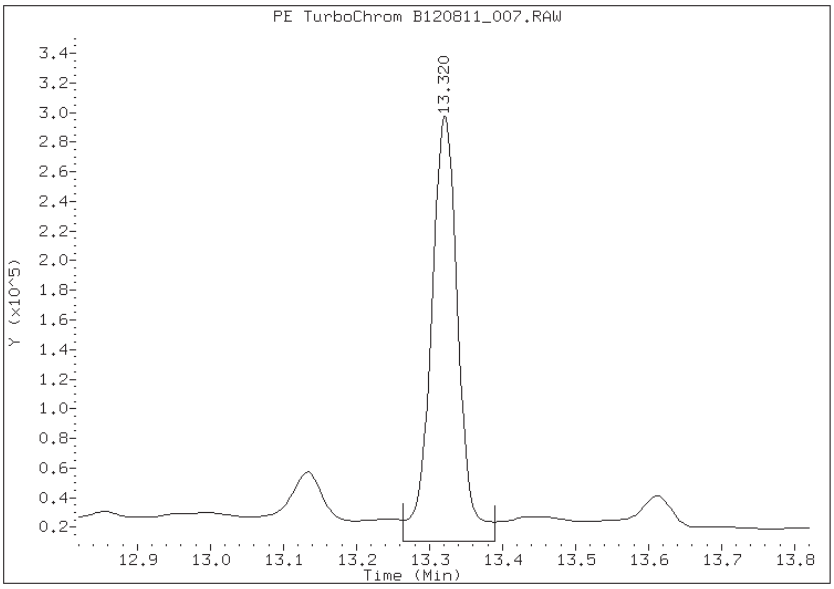
Manual Integration Results

RT: 13.32

Response: 742657

Amount: 23.89

Conc: 23.89



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_008.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:05
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 058
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 20:28 Cal File: B120811_007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			13231331	800.000	783.4
$	4 O-Terphenyl	13.323	13.322	0.001	1564880	50.0000	50.34(M)
S	2 >C12-C28	7.510-15.400			20096874	800.000	847.5
S	3 >C28-C35	15.410-20.800			18596715	800.000	798.4
S	5 Total C6-C35				51924920	800.000	2429

QC Flag Legend

M - Compound response manually integrated.

Data File: B120811_008.d

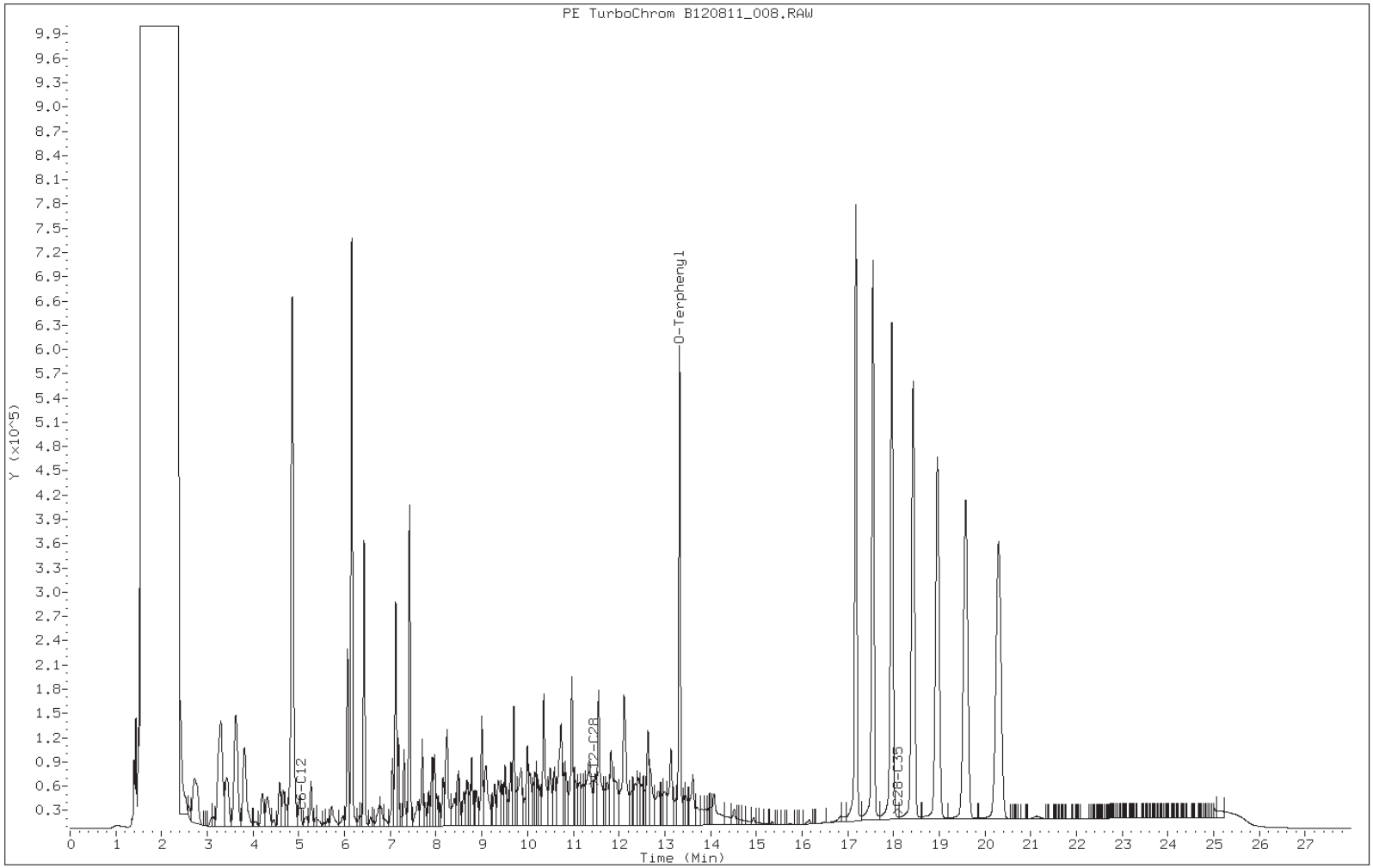
Date: 08-DEC-2011 21:05

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-820

Manual Integration Report

Data File: B120811_008.d
Inj. Date and Time: 08-DEC-2011 21:05
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

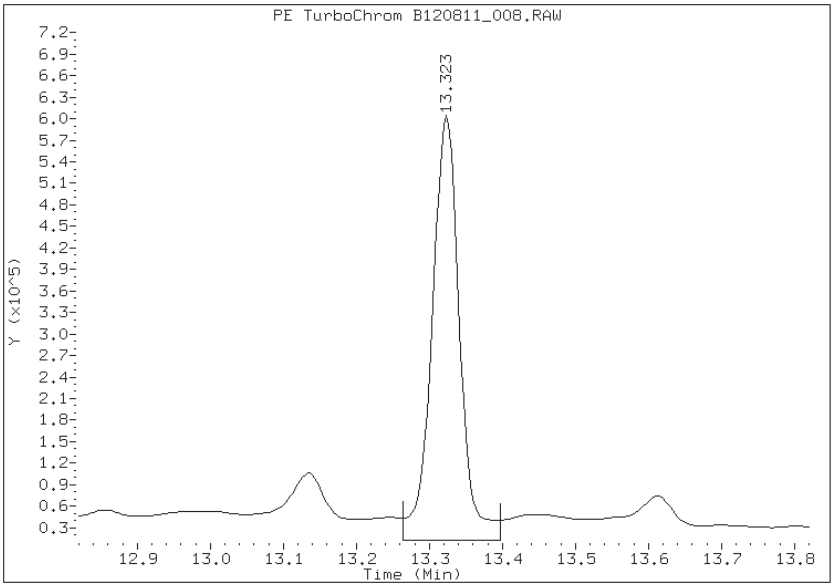
Processing Integration Results

RT: 13.32

Response: 1554874

Amount: 50.12

Conc: 50.12



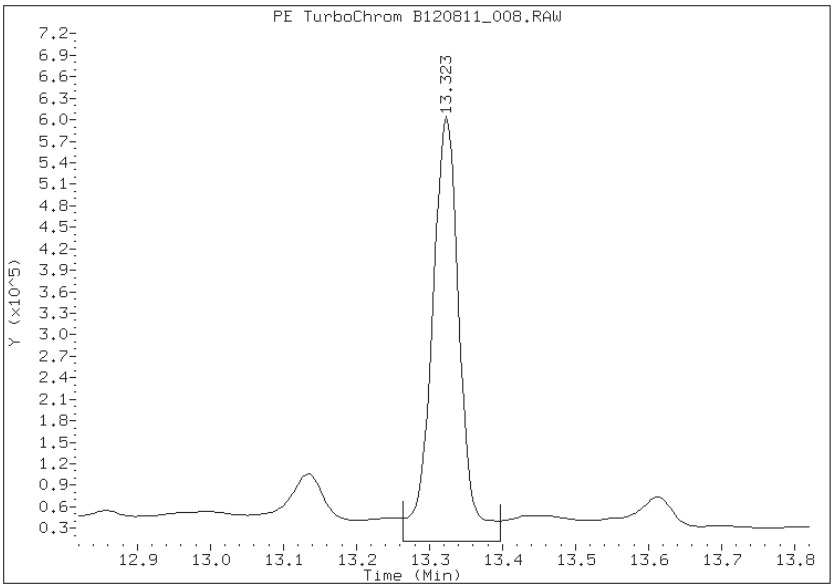
Manual Integration Results

RT: 13.32

Response: 1564880

Amount: 50.34

Conc: 50.34



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_009.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:43
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 059
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:05 Cal File: B120811_008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			15810439	1000.00	936.1
$	4 O-Terphenyl	13.323	13.322	0.001	1893028	62.5000	60.90(M)
S	2 >C12-C28	7.510-15.400			24316636	1000.00	1025(A)
S	3 >C28-C35	15.410-20.800			22865388	1000.00	981.6
S	5 Total C6-C35				62992463	1000.00	2943

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: B120811_009.d

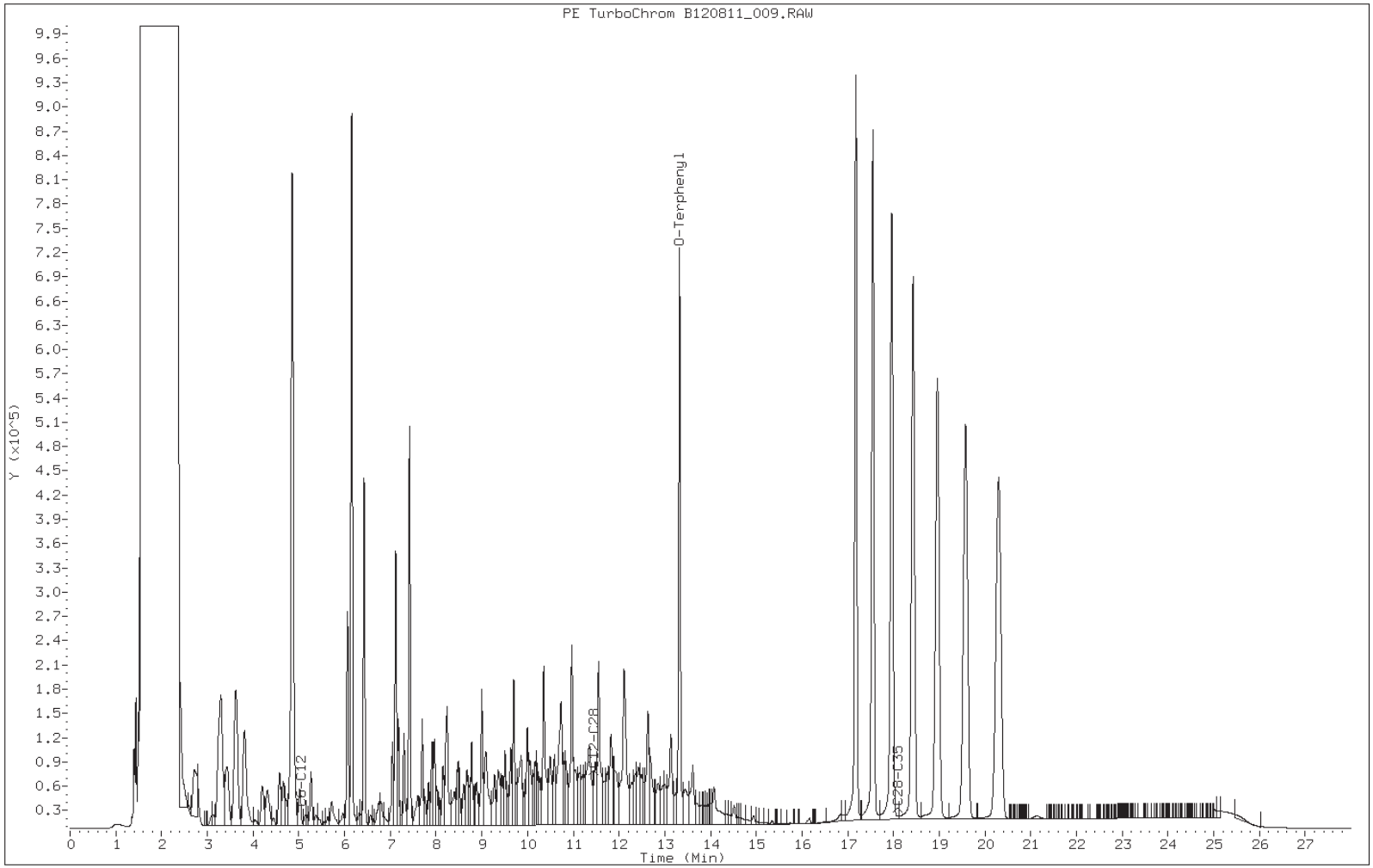
Date: 08-DEC-2011 21:43

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



A12-823

Manual Integration Report

Data File: B120811_009.d
Inj. Date and Time: 08-DEC-2011 21:43
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

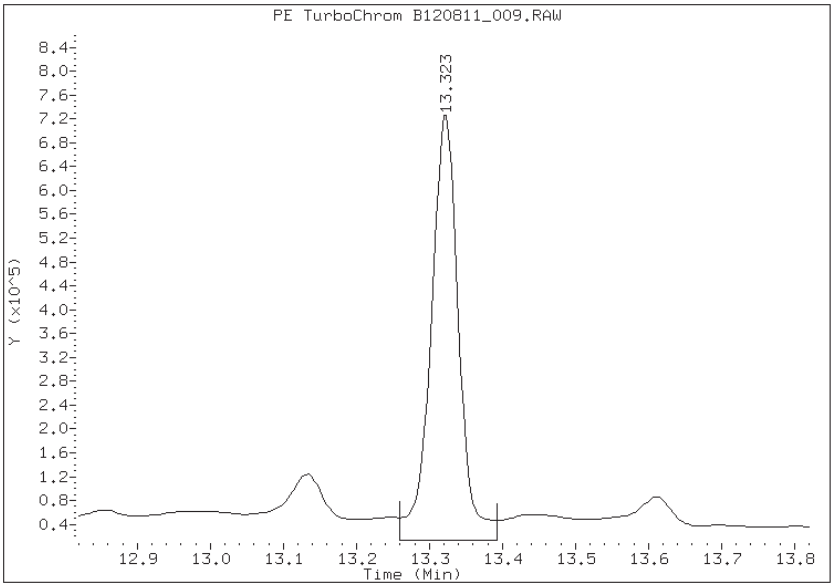
Processing Integration Results

RT: 13.32

Response: 1879096

Amount: 60.51

Conc: 60.51



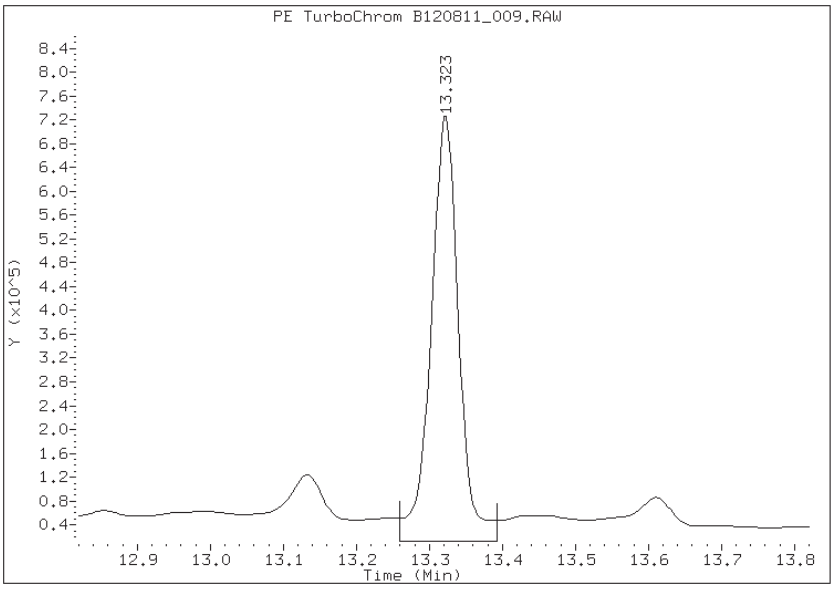
Manual Integration Results

RT: 13.32

Response: 1893028

Amount: 60.90

Conc: 60.90



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71145/7 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	20429		232	200	16.0	25.0
>C12-C28	Ave	15530	18521		239	200	19.3	25.0
>C28-C35	Ave	14586	17560		241	200	20.4	25.0
o-Terphenyl	Ave	24518	28556		14.6	12.5	16.5	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71145/7 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_002.d
Lab Smp Id: CCVRT
Inj Date : 27-JAN-2012 14:02
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 002
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 27-Feb-2012 18:59 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
S	1 C6-C12	2.400-9.000			4085704	400.000	232.1
$	4 O-Terphenyl	12.973	13.012	-0.039	356955	25.0000	14.56(M)
S	2 >C12-C28	9.010-16.649			3704250	400.000	238.5(M)
S	3 >C28-C35	16.651-20.400			3510516	400.000	240.7(M)
S	5 Total C6-C35				11300470	400.000	711.3

QC Flag Legend

M - Compound response manually integrated.

Data File: \\housvr4\chem\FID-07.i\012712A.b\A012712_002.d

Date : 27-JAN-2012 14:02

Client ID:

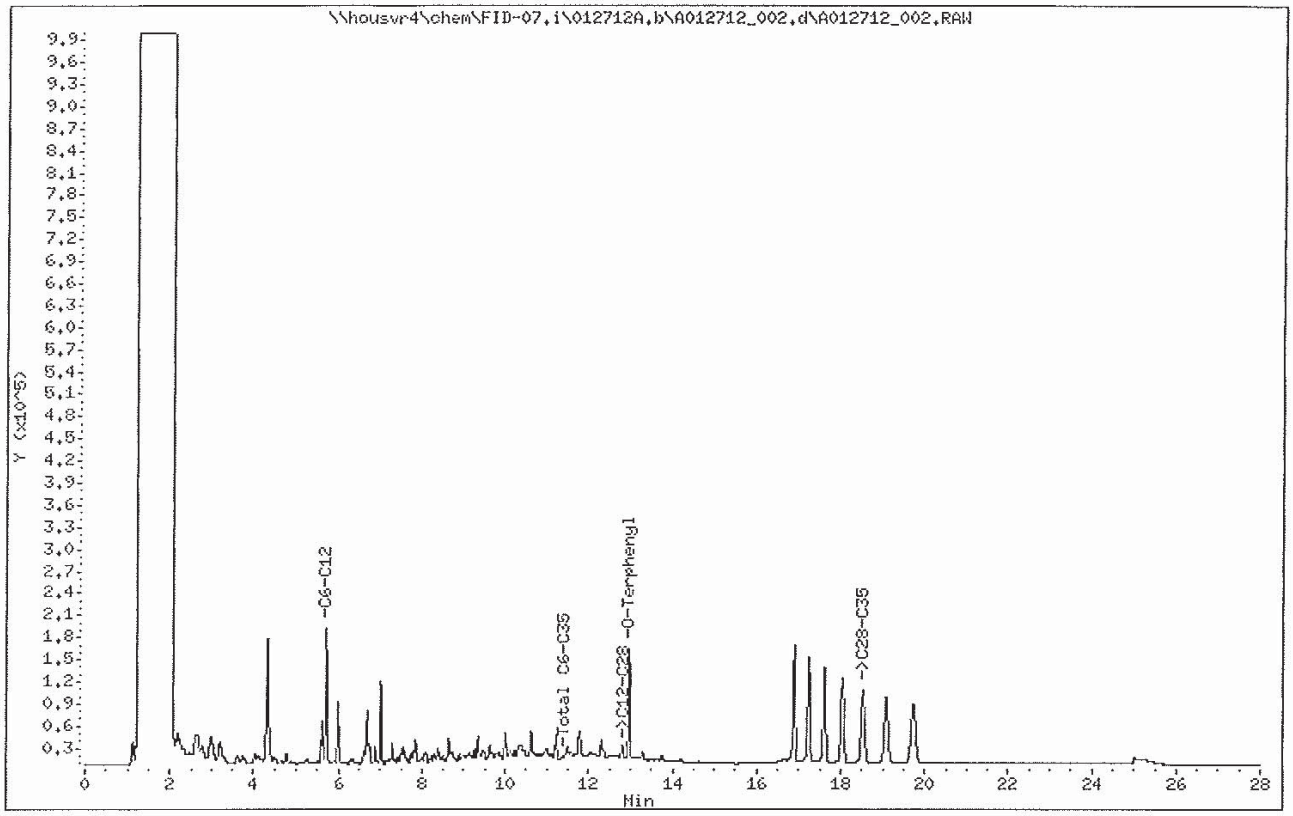
Instrument: FID-07.i

Sample Info: CCVRT

Operator: vanderborghr

Column phase: RTX-5

Column diameter: 0.53



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71169/1 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	16961		201	200	0.4	25.0
>C12-C28	Ave	23713	26242		221	200	10.7	25.0
>C28-C35	Ave	23293	22572		194	200	-3.1	25.0
o-Terphenyl	Ave	31084	35438		14.3	12.5	14.0	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71169/1 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_002.d
Lab Smp Id: CCVRT
Inj Date : 27-JAN-2012 14:02
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 052
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
S	1 C6-C12	2.600-7.500			3392110	200.831	20.08
$	4 O-Terphenyl	13.310	13.323	-0.013	442971	14.2509	1.43
S	2 >C12-C28	7.510-15.400			5248318	221.330	22.13
S	3 >C28-C35	15.410-20.800			4512653	193.735	19.37
S	5 Total C6-C35				13153081	615.896	61.59

Data File: B012712_002.d

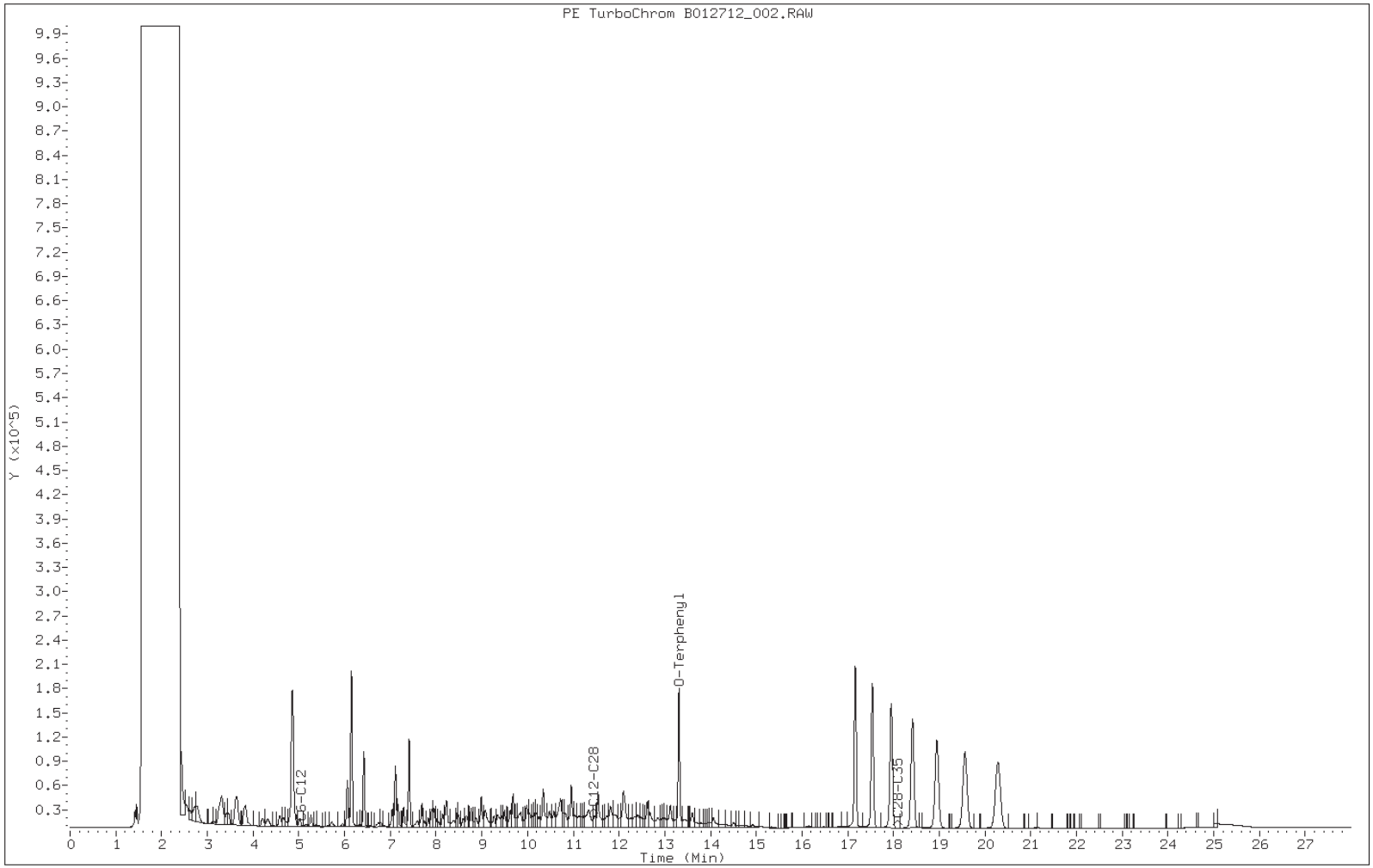
Date: 27-JAN-2012 14:02

Client ID:

Instrument: FID-07.i

Sample Info: CCVRT

Operator: vanderborghr



A12-832

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/18 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19818		225	200	12.6	25.0
>C12-C28	Ave	15530	18876		243	200	21.5	25.0
>C28-C35	Ave	14586	16255		223	200	11.4	25.0
o-Terphenyl	Ave	24518	31856		16.2	12.5	29.9	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/18 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_013.d
Lab Smp Id: CCV
Inj Date : 27-JAN-2012 20:21
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 013
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.400-9.000			3963639	225.147	22.51
$	4 O-Terphenyl	12.970	13.021	-0.051	398202	16.2409	1.62(M)
S	2 >C12-C28	9.010-16.649			3775105	243.089	24.31
S	3 >C28-C35	16.651-20.400			3249645	222.786	22.28
S	5 Total C6-C35				10988389	691.021	69.10

QC Flag Legend

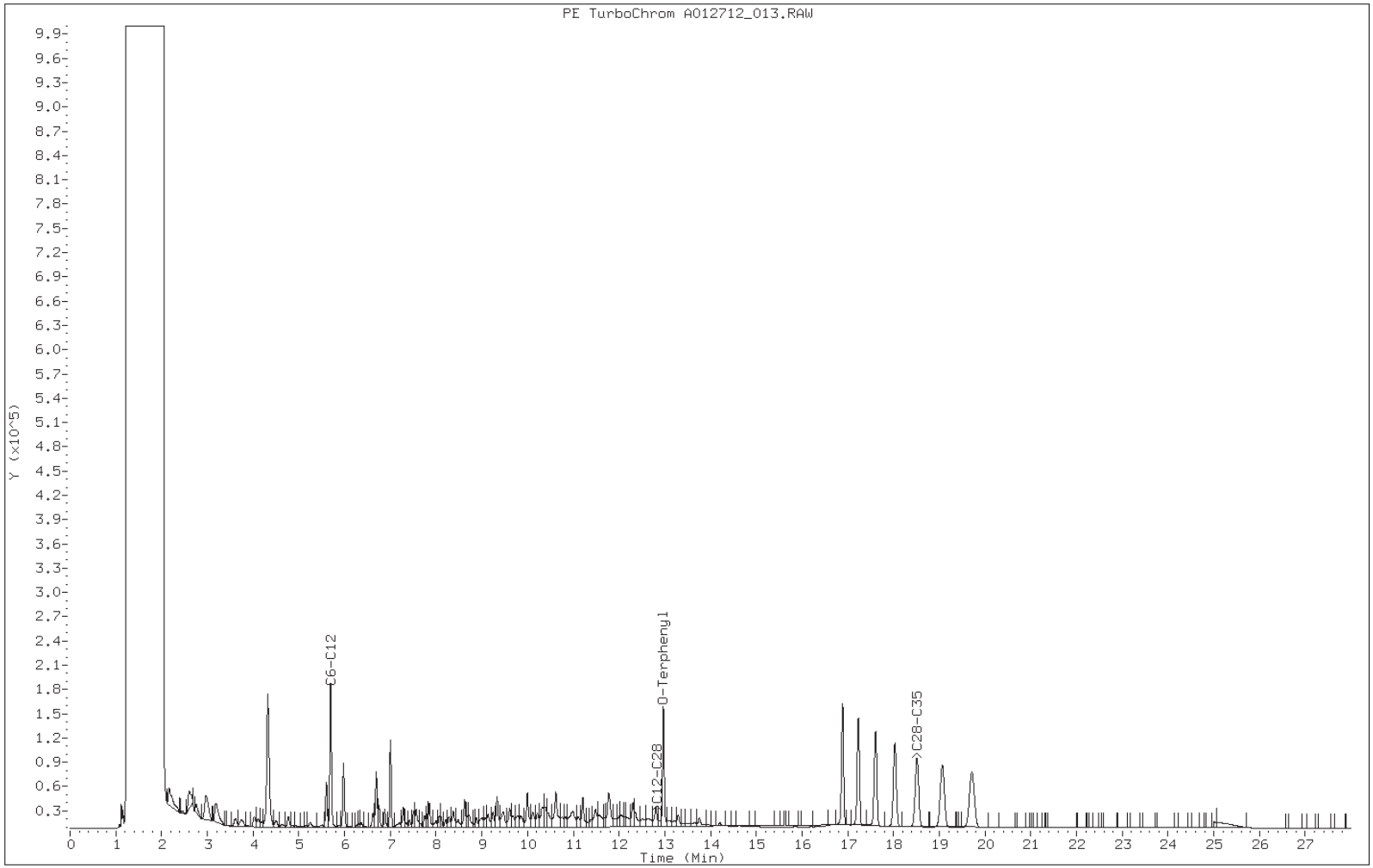
M - Compound response manually integrated.

Data File: A012712_013.d

Date: 27-JAN-2012 20:21

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



A12-836

Manual Integration Report

Data File: A012712_013.d
Inj. Date and Time: 27-JAN-2012 20:21
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

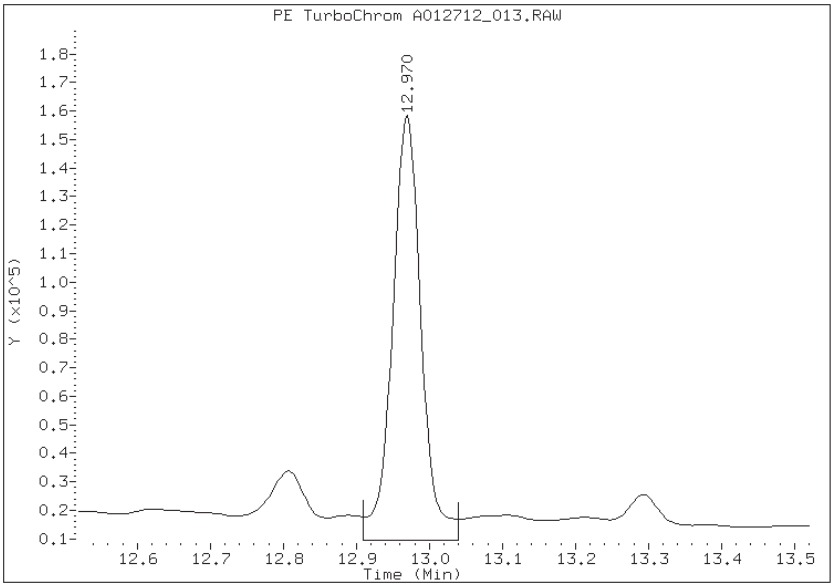
Processing Integration Results

RT: 12.97

Response: 407298

Amount: 16.61

Conc: 1.66



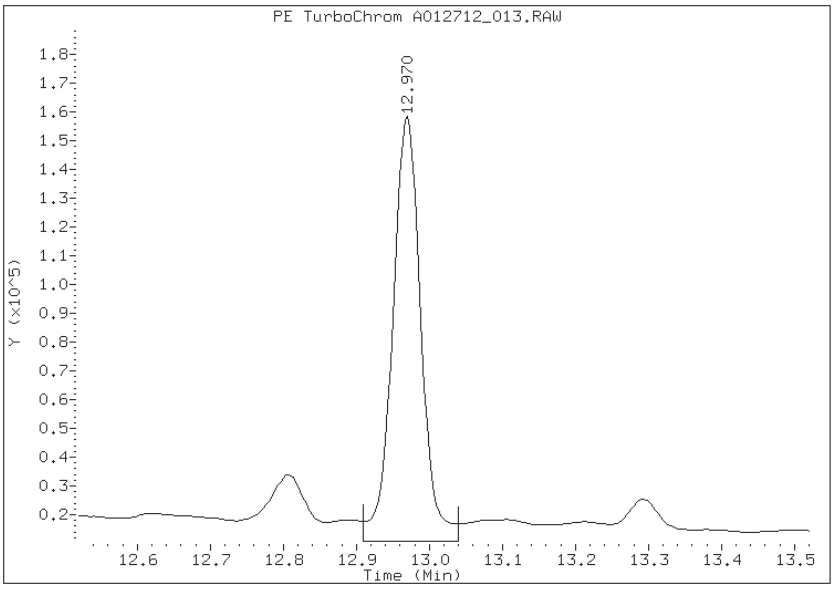
Manual Integration Results

RT: 12.97

Response: 398202

Amount: 16.24

Conc: 1.62



Manually Integrated By:
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71169/12 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	17079		202	200	1.1	25.0
>C12-C28	Ave	23713	26569		224	200	12.0	25.0
>C28-C35	Ave	23293	22252		191	200	-4.5	25.0
o-Terphenyl	Ave	31084	35834		14.4	12.5	15.3	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71169/12 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_013.d
Lab Smp Id: CCV
Inj Date : 27-JAN-2012 20:21
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 063
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600-7.500			3415879	202.239	20.22
$	4 O-Terphenyl	13.306	13.323	-0.017	447924	14.4103	1.44
S	2 >C12-C28	7.510-15.400			5313735	224.089	22.41
S	3 >C28-C35	15.410-20.800			4448714	190.990	19.10
S	5 Total C6-C35				13178328	617.317	61.73

Data File: B012712_013.d

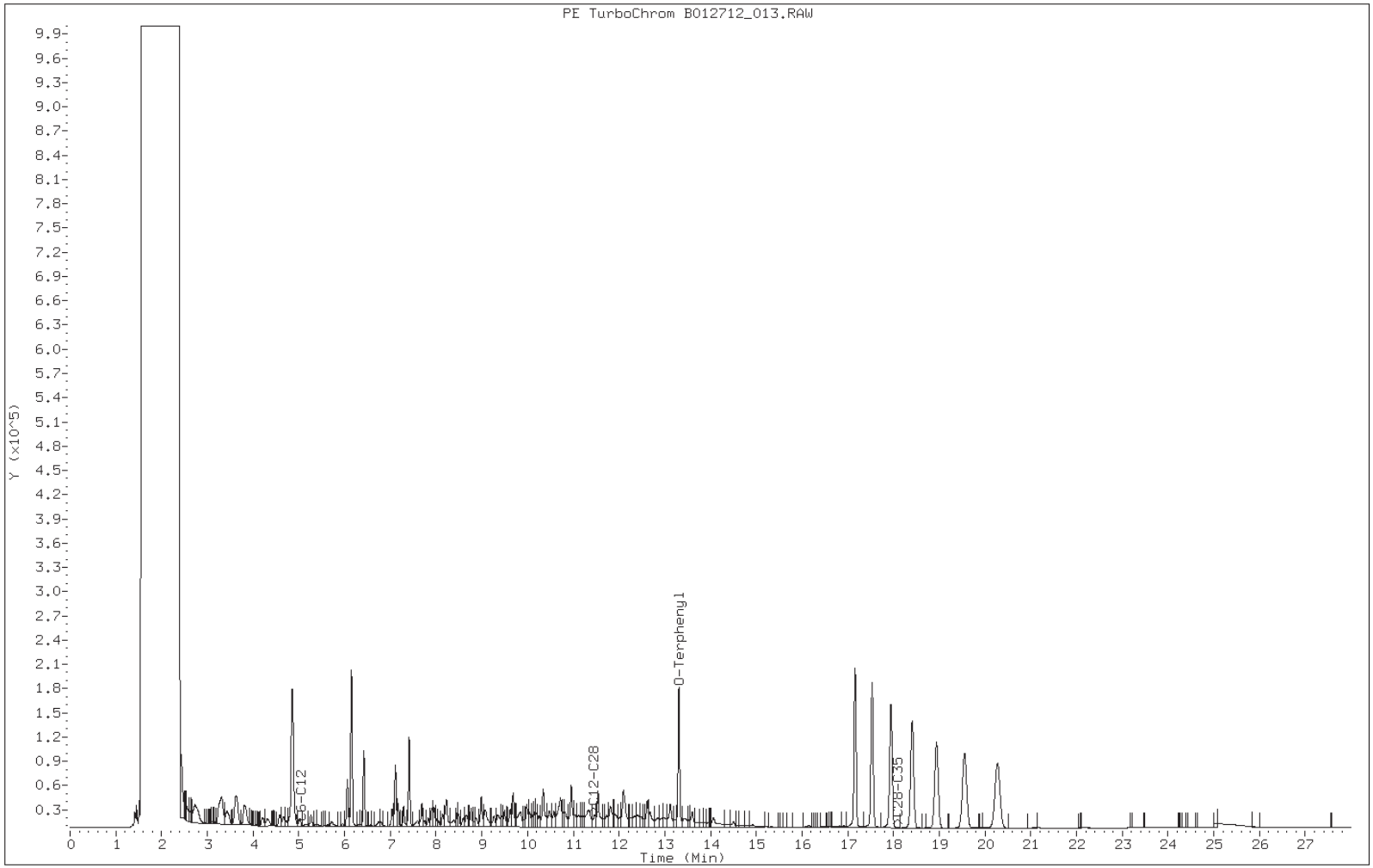
Date: 27-JAN-2012 20:21

Client ID:

Instrument: FID-07.i

Sample Info: CCV

Operator: vanderborghr



A12-841

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/21 Calibration Date: 01/28/2012 02:38

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_024.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19844		225	200	12.7	25.0
>C12-C28	Ave	15530	17234		222	200	11.0	25.0
>C28-C35	Ave	14586	16761		230	200	14.9	25.0
o-Terphenyl	Ave	24518	31982		16.3	12.5	30.4*	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/21 Calibration Date: 01/28/2012 02:38

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_024.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_024.d
Lab Smp Id: CCV
Inj Date : 28-JAN-2012 02:38
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 024
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
S	1 C6-C12	2.400-9.000			3968858	225.443	22.54
$	4 O-Terphenyl	12.966	13.021	-0.055	399772	16.3049	1.63(RM)
S	2 >C12-C28	9.010-16.649			3446886	221.954	22.20
S	3 >C28-C35	16.651-20.400			3350953	229.731	22.97
S	5 Total C6-C35				10766697	677.128	67.71

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012712_024.d

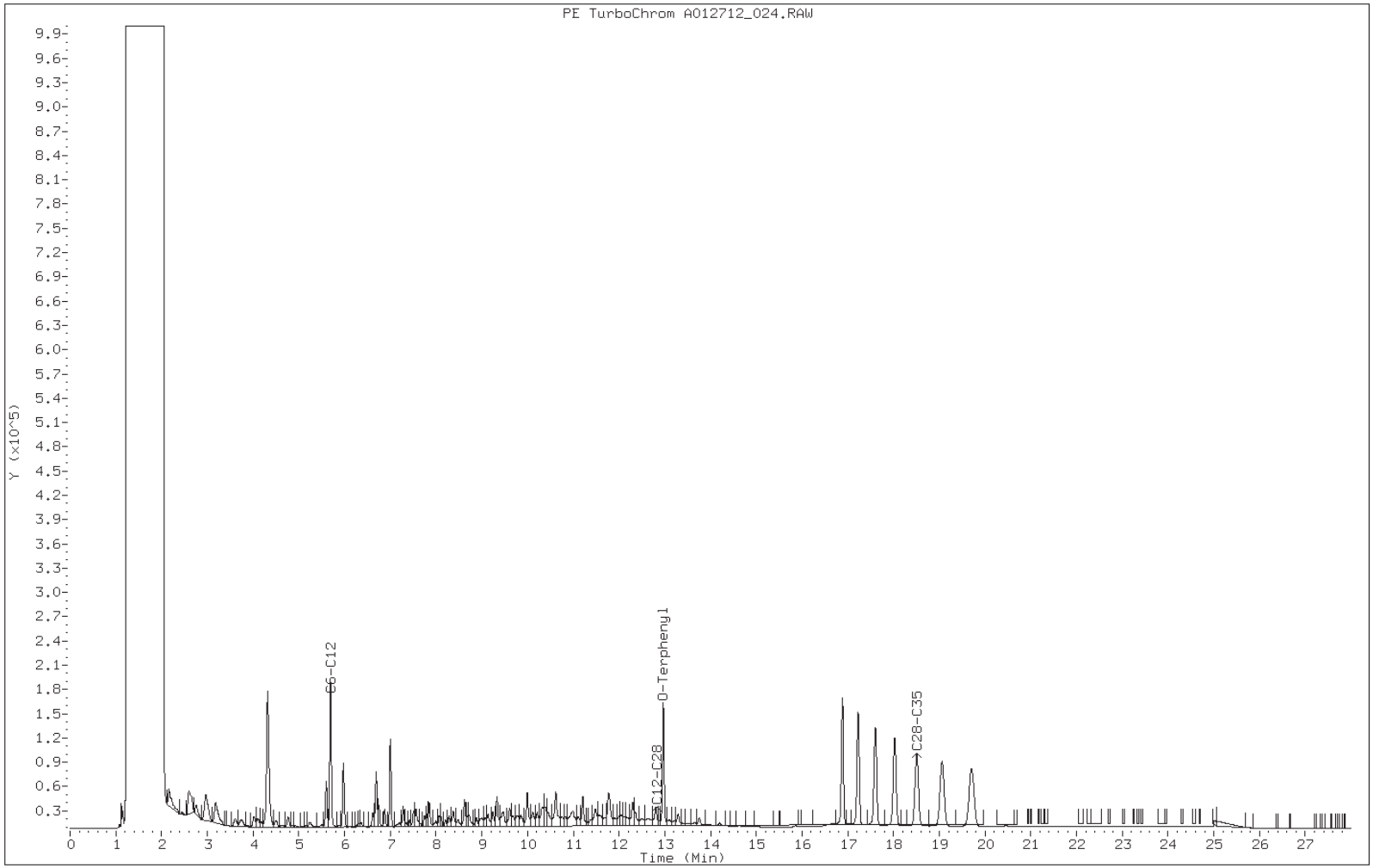
Date: 28-JAN-2012 02:38

Client ID:

Instrument: FID-07.i

Sample Info: CCV

Operator: vanderborghr



A12-845

Manual Integration Report

Data File: A012712_024.d
Inj. Date and Time: 28-JAN-2012 02:38
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

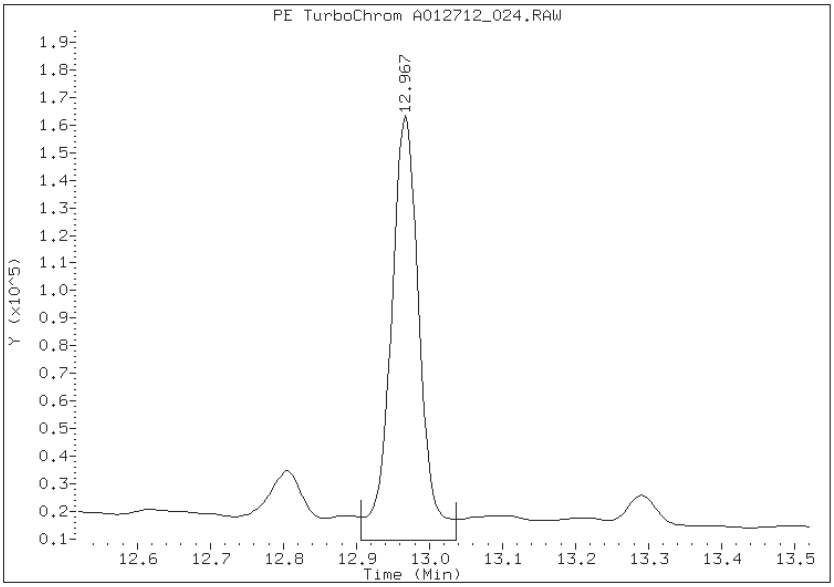
Processing Integration Results

RT: 12.97

Response: 416531

Amount: 16.99

Conc: 1.70



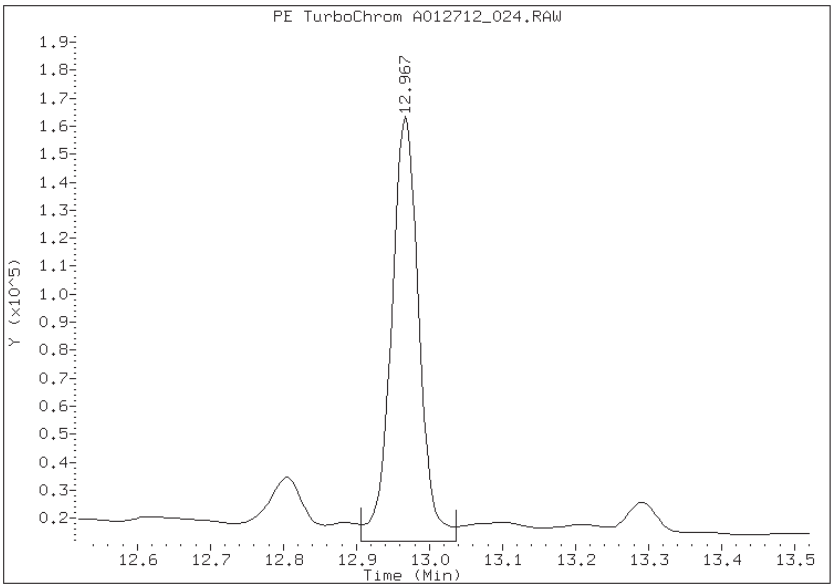
Manual Integration Results

RT: 12.97

Response: 399772

Amount: 16.30

Conc: 1.63



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-70966/1-A

Matrix: Solid | Lab File ID: B012712_003.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.00(g) | Date Analyzed: 01/27/2012 14:36

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	4.67	U	25.0	4.67
STL00035	>C12-C28	6.06	U	25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	9.59	U	25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_003.d
Lab Smp Id: MB 600-70966/1-A
Inj Date : 27-JAN-2012 14:36
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-70966/1-A
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	13.310	13.323	-0.013	354423	11.4022	1.14(H)

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: B012712_003.d

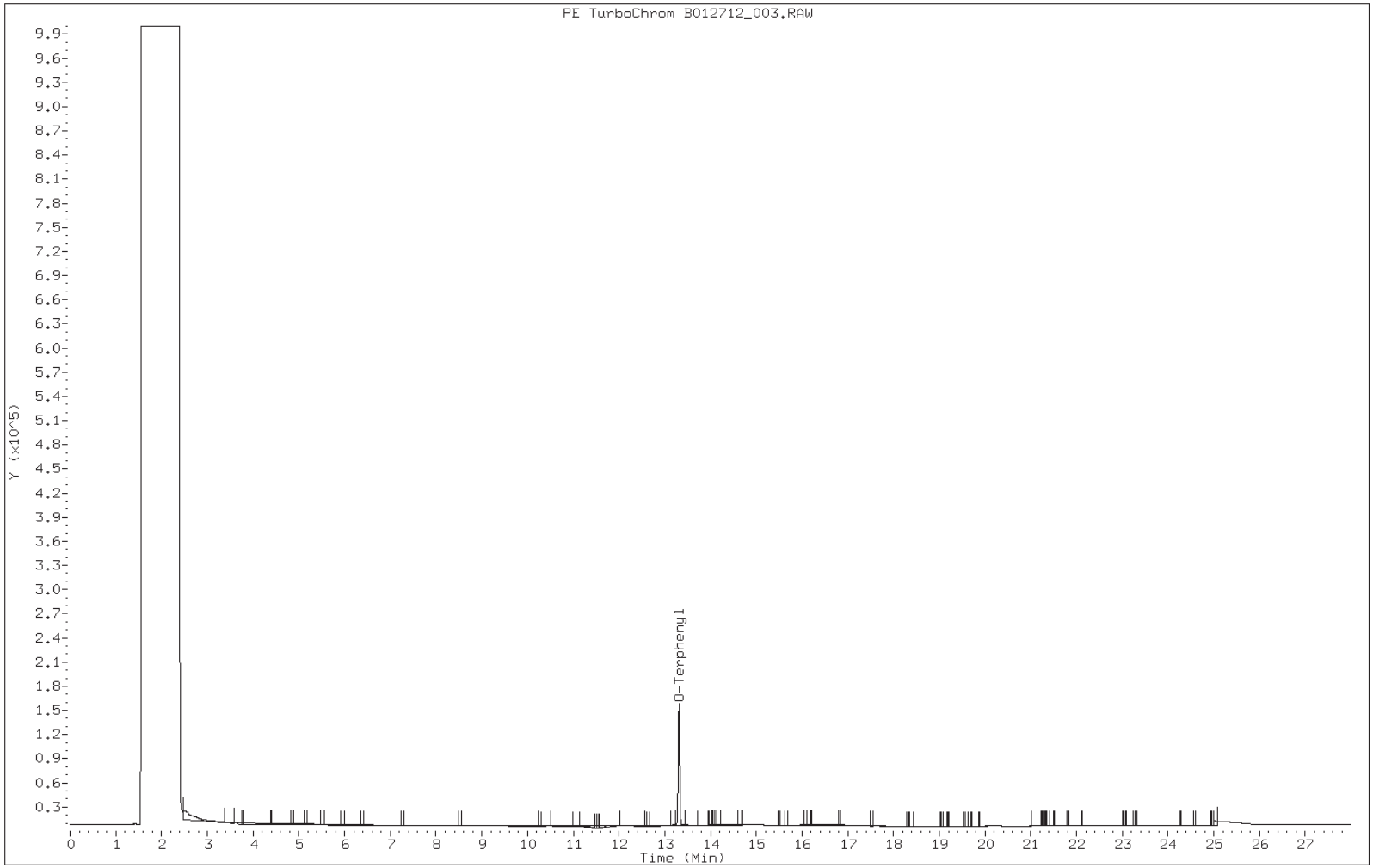
Date: 27-JAN-2012 14:36

Client ID:

Instrument: FID-07.i

Sample Info: MB 600-70966/1-A

Operator: vanderborghr



A12-849

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-71005/1-A

Matrix: Water | Lab File ID: A012712_003.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/27/2012 14:36

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.370	U	5.00	0.370
STL00035	>C12-C28	0.320	U	5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	0.560	U	5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	113		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_003.d
Lab Smp Id: MB 600-71005/1-A
Inj Date : 27-JAN-2012 14:36
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-71005/1-A
Misc Info : 003
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.400-9.000			5770		(a)
$	4 O-Terphenyl	12.973	13.021	-0.048	461011	18.8026	1.88(R)
S	3 >C28-C35	16.651-20.400			1209		(a)
S	5 Total C6-C35				6979		(a)

QC Flag Legend

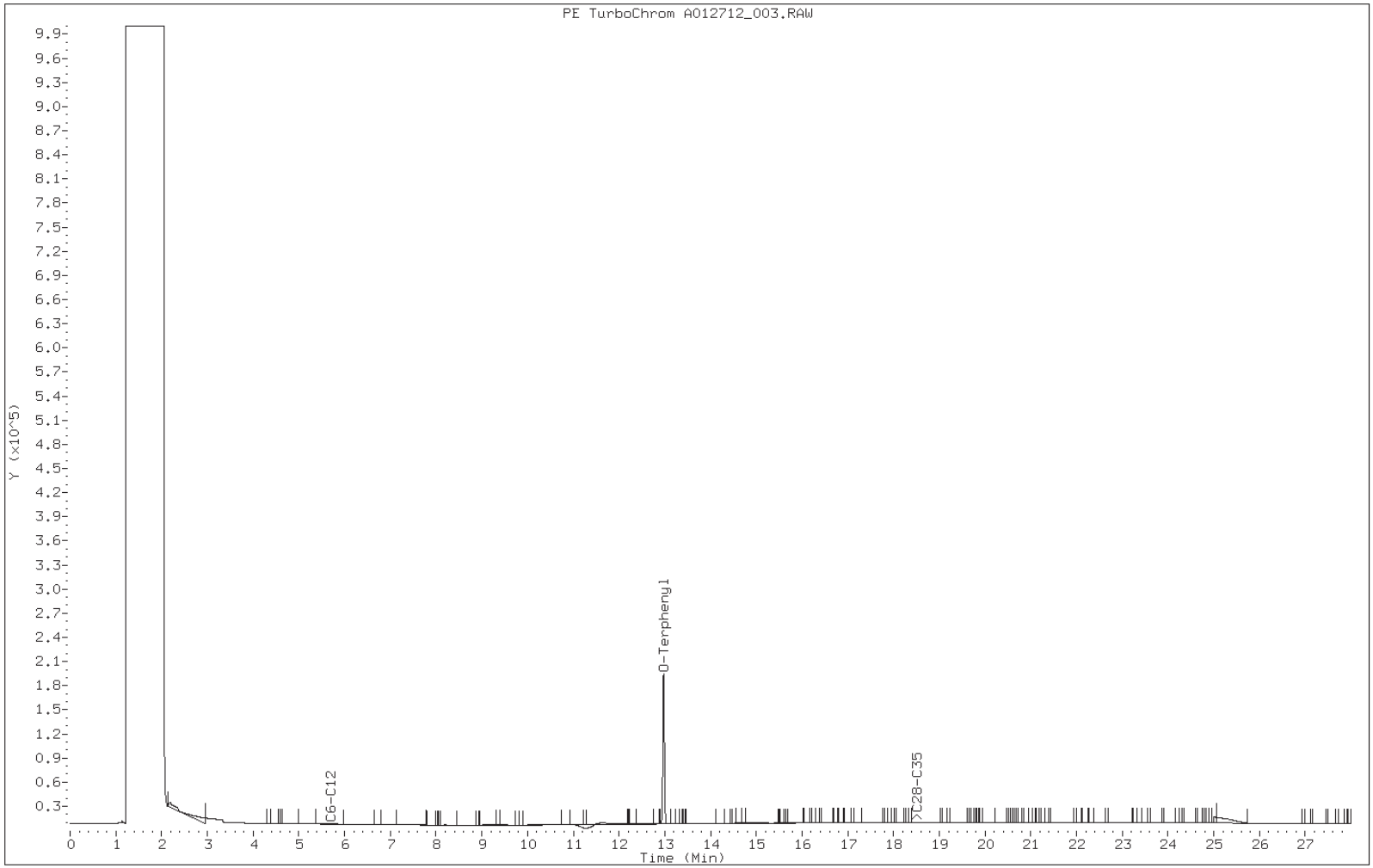
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: A012712_003.d

Date: 27-JAN-2012 14:36

Client ID: Instrument: FID-07.i

Sample Info: MB 600-71005/1-A Operator: vanderborghr



A12-852

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-70966/2-A

Matrix: Solid | Lab File ID: B012712_004.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.00(g) | Date Analyzed: 01/27/2012 15:11

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	211.2		25.0	4.67
STL00035	>C12-C28	299.8		25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	511.0		25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_004.d
Lab Smp Id: LCS 600-70966/2-A
Inj Date : 27-JAN-2012 15:11
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-70966/2-A
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600-7.500			3566933	211.182	21.12
$	4 O-Terphenyl	13.310	13.323	-0.013	419375	13.4918	1.35
S	2 >C12-C28	7.510-15.400			7109062	299.800	29.98
S	5 Total C6-C35				10675995	510.982	51.10

Data File: B012712_004.d

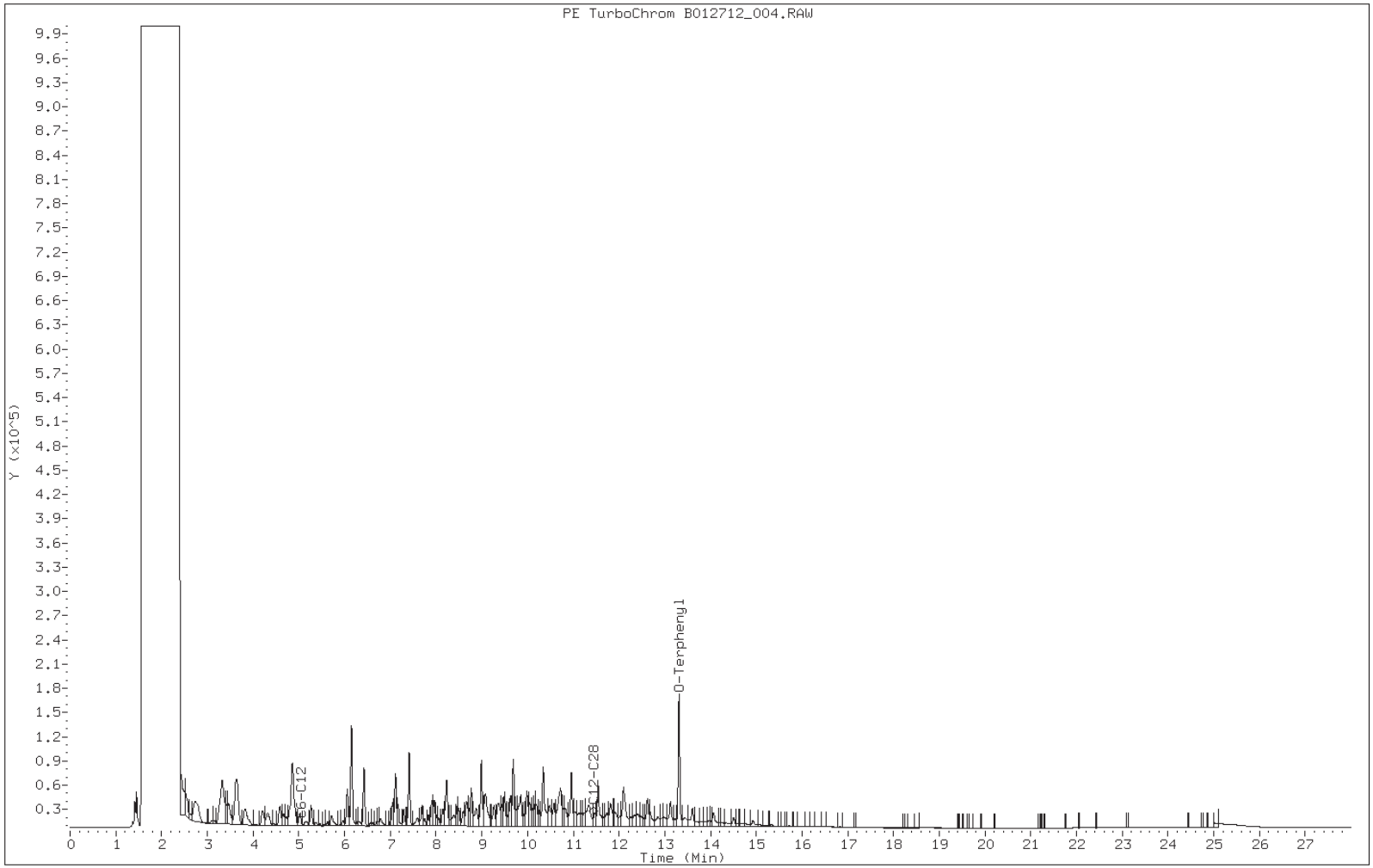
Date: 27-JAN-2012 15:11

Client ID:

Instrument: FID-07.i

Sample Info: LCS 600-70966/2-A

Operator: vanderborghr



A12-855

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-71005/2-A

Matrix: Water | Lab File ID: A012712_004.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/27/2012 15:11

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	36.61		5.00	0.370
STL00035	>C12-C28	39.18		5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	75.80		5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	128		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_004.d
Lab Smp Id: LCS 600-71005/2-A
Inj Date : 27-JAN-2012 15:11
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-71005/2-A
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.400-9.000			6445491	366.124	36.61
$	4 O-Terphenyl	12.973	13.021	-0.048	523954	21.3698	2.14(RM)
S	2 >C12-C28	9.010-16.649			6085307	391.848	39.18
S	5 Total C6-C35				12530798	757.972	75.80

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012712_004.d

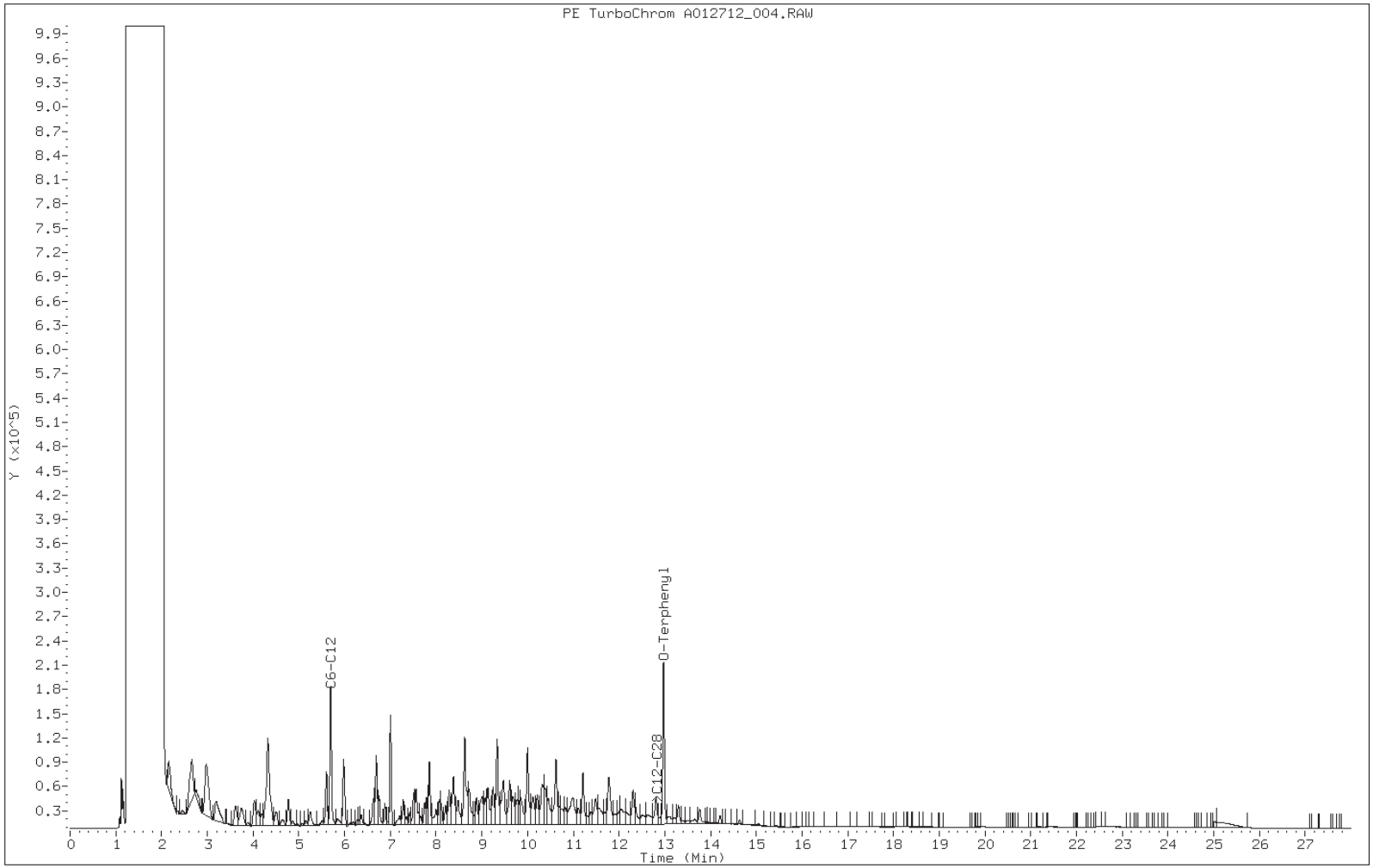
Date: 27-JAN-2012 15:11

Client ID:

Instrument: FID-07.i

Sample Info: LCS 600-71005/2-A

Operator: vanderborghr



A12-858

Manual Integration Report

Data File: A012712_004.d
Inj. Date and Time: 27-JAN-2012 15:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

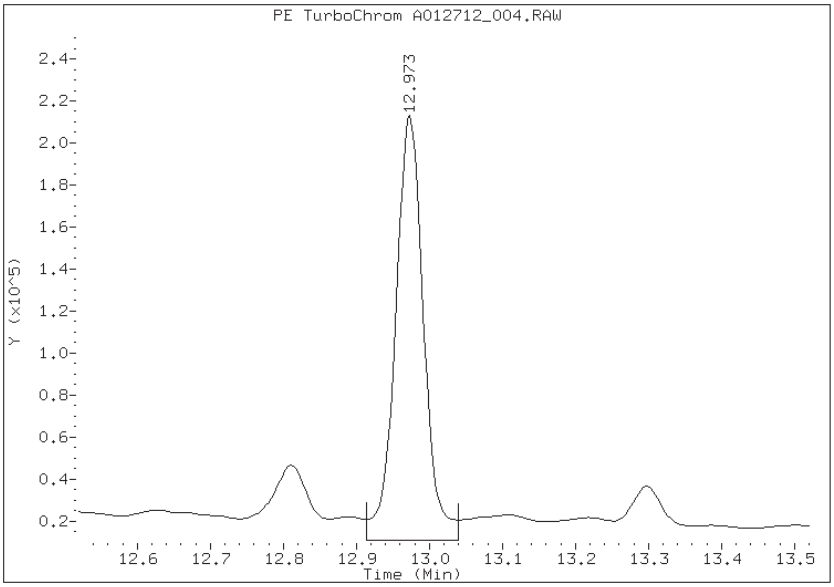
Processing Integration Results

RT: 12.97

Response: 543787

Amount: 22.18

Conc: 2.22



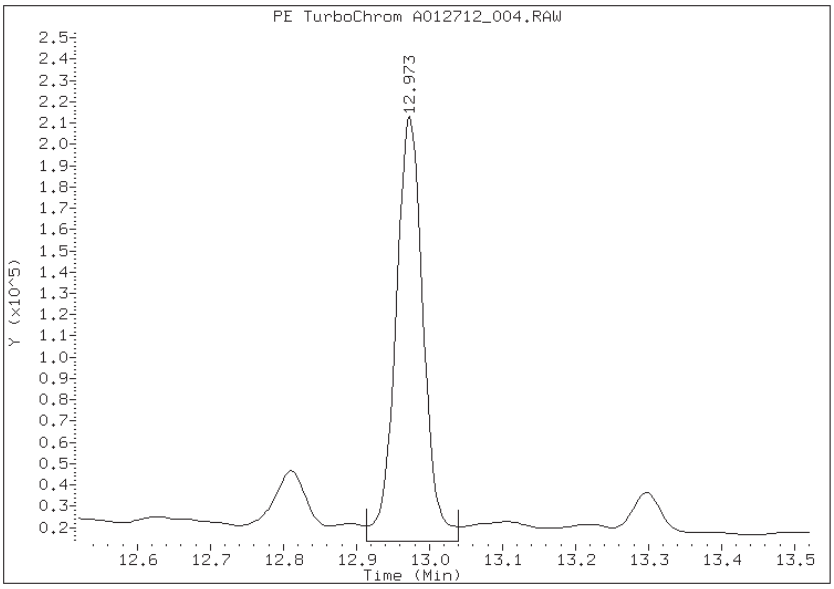
Manual Integration Results

RT: 12.97

Response: 523954

Amount: 21.37

Conc: 2.14



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-7 MS | Lab Sample ID: 600-49143-1 MS

Matrix: Solid | Lab File ID: B012712_008.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 11:10

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) | Date Analyzed: 01/27/2012 17:29

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: 30.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	321.8		35.7	6.66
STL00035	>C12-C28	354.7		35.7	8.65
STL00147	>C28-C35	13.7	U	35.7	13.7
STL00006	C6-C35	676.5		35.7	13.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	106		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_008.d
Lab Smp Id: 600-49143-A-1-B MS Client Smp ID: 2012-FWCS-7
Inj Date : 27-JAN-2012 17:29
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-1-B MS
Misc Info : 600-49143-A-1-B MS
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	29.843	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
S	1 C6-C12	2.600-7.500			3809478	225.542	320.5(R)
$	4 O-Terphenyl	13.310	13.323	-0.013	410487	13.2059	18.77
S	2 >C12-C28	7.510-15.400			5895748	248.633	353.3(R)
S	5 Total C6-C35				9705226	474.175	673.9(R)

QC Flag Legend

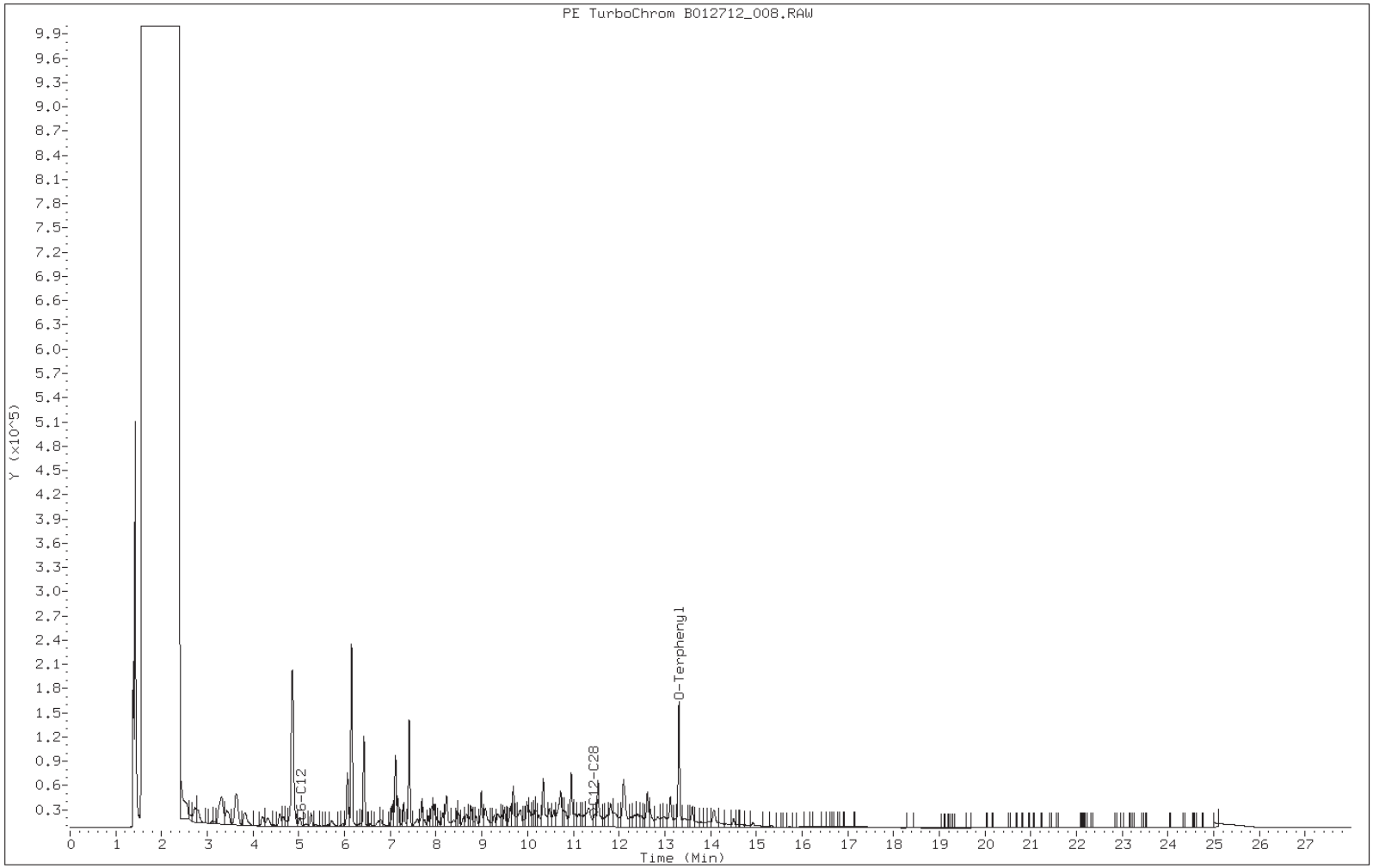
R - Spike/Surrogate failed recovery limits.

Data File: B012712_008.d

Date: 27-JAN-2012 17:29

Client ID: 2012-FWCS-7 Instrument: FID-07.i

Sample Info: 600-49143-A-1-B MS Operator: vanderborghr



A12-862

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-7 MSD | Lab Sample ID: 600-49143-1 MSD

Matrix: Solid | Lab File ID: B012712_009.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 11:10

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.01(g) | Date Analyzed: 01/27/2012 18:04

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: ID:

% Moisture: 29.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	317.4		35.3	6.59
STL00035	>C12-C28	362.7		35.3	8.56
STL00147	>C28-C35	13.5	U	35.3	13.5
STL00006	C6-C35	680.1		35.3	13.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	123		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_009.d
Lab Smp Id: 600-49143-A-1-C MSD Client Smp ID: 2012-FWCS-7
Inj Date : 27-JAN-2012 18:04
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-1-C MSD
Misc Info : 600-49143-A-1-C MSD
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	29.843	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(mg/Kg)
S 1 C6-C12	2.600-7.500			3797487		224.832	320.1(R)
$ 4 O-Terphenyl	13.310	13.323	-0.013	477101		15.3489	21.86
S 2 >C12-C28	7.510-15.400			6090996		256.867	365.8
S 5 Total C6-C35				9888483		481.699	685.9(R)

QC Flag Legend

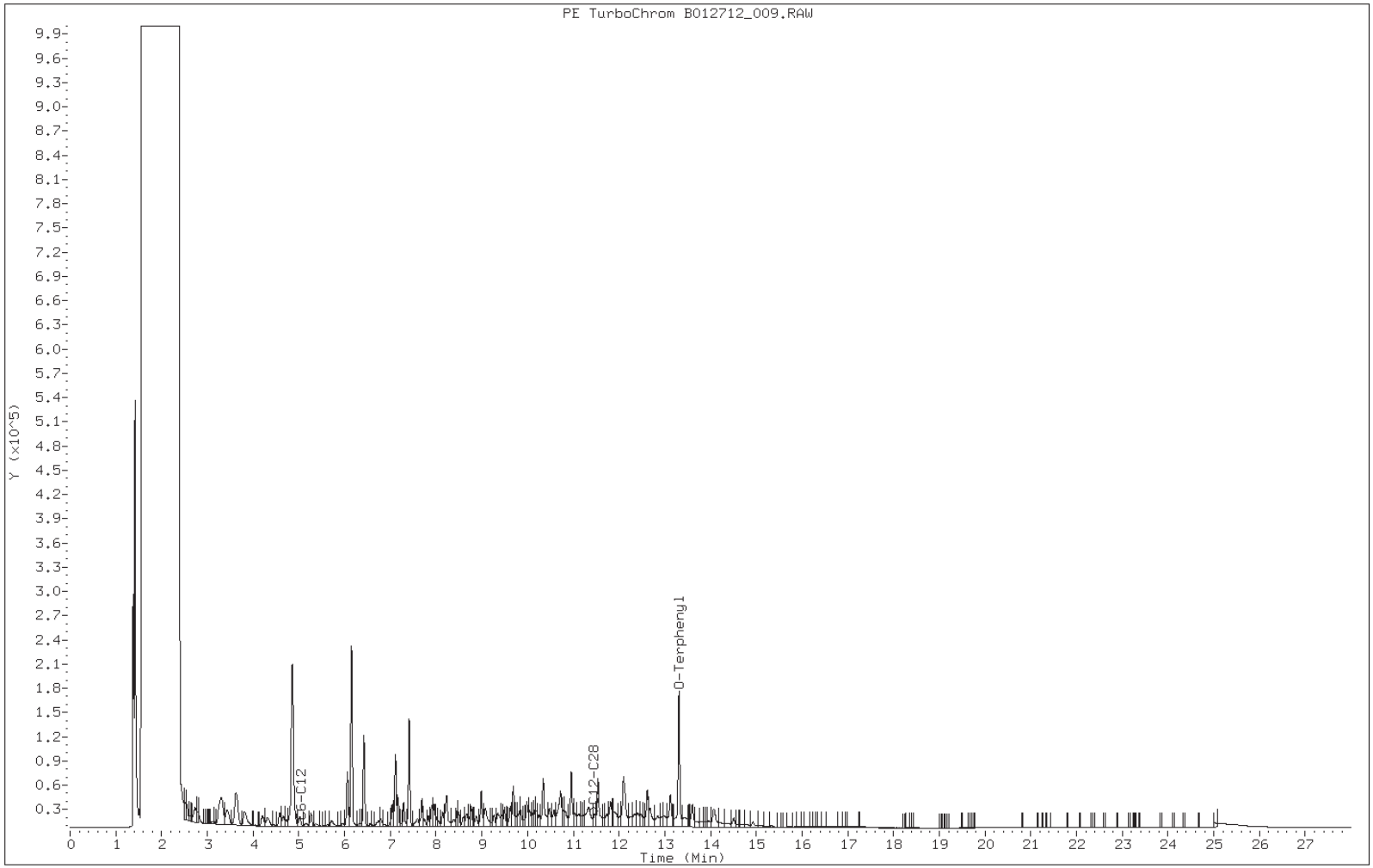
R - Spike/Surrogate failed recovery limits.

Data File: B012712_009.d

Date: 27-JAN-2012 18:04

Client ID: 2012-FWCS-7 Instrument: FID-07.i

Sample Info: 600-49143-A-1-C MSD Operator: vanderborghr



A12-865

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 12/05/2011 15:35

Analysis Batch Number: 67686 End Date: 12/06/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67686/25		12/05/2011 15:35	1	A120511_004.d	RTX-5 0.53(mm)
IC 600-67686/26		12/05/2011 16:23	1	A120511_005.d	RTX-5 0.53(mm)
ICRT 600-67686/27		12/05/2011 17:03	1	A120511_006.d	RTX-5 0.53(mm)
IC 600-67686/28		12/05/2011 17:44	1	A120511_007.d	RTX-5 0.53(mm)
IC 600-67686/29		12/05/2011 18:25	1	A120511_008.d	RTX-5 0.53(mm)
IC 600-67686/30		12/05/2011 19:06	1	A120511_009.d	RTX-5 0.53(mm)
ICV 600-67686/31		12/05/2011 19:47	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 20:28	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:09	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:49	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 22:29	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:10	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 00:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 02:30	1		RTX-5 0.53(mm)
CCV 600-67686/11		12/06/2011 03:09	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 03:49	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 04:28	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:08	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:47	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 06:26	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:06	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:45	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 09:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 10:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 12:30	1		RTX-5 0.53(mm)
CCV 600-67686/24		12/06/2011 13:11	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 12/08/2011 17:54

Analysis Batch Number: 67901 End Date: 12/09/2011 07:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67901/1		12/08/2011 17:54	1	B120811_003.d	RTX-5 0.53(mm)
IC 600-67901/2		12/08/2011 18:33	1	B120811_004.d	RTX-5 0.53(mm)
IC 600-67901/3		12/08/2011 19:11	1	B120811_005.d	RTX-5 0.53(mm)
ICRT 600-67901/4		12/08/2011 19:49	1	B120811_006.d	RTX-5 0.53(mm)
IC 600-67901/5		12/08/2011 20:28	1	B120811_007.d	RTX-5 0.53(mm)
IC 600-67901/6		12/08/2011 21:05	1	B120811_008.d	RTX-5 0.53(mm)
IC 600-67901/7		12/08/2011 21:43	1	B120811_009.d	RTX-5 0.53(mm)
CCVRT 600-67901/8		12/08/2011 22:58	1		RTX-5 0.53(mm)
ZZZZZ		12/08/2011 23:35	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:12	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:50	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 01:27	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:04	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:41	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:18	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:55	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 04:31	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 05:08	1		RTX-5 0.53(mm)
CCV 600-67901/19		12/09/2011 05:45	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:22	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:59	1		RTX-5 0.53(mm)
CCV 600-67901/22		12/09/2011 07:36	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 01/27/2012 14:02

Analysis Batch Number: 71145 End Date: 01/30/2012 12:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-71145/7		01/27/2012 14:02	1	A012712_002.d	RTX-5 0.53(mm)
MB 600-71005/1-A		01/27/2012 14:36	1	A012712_003.d	RTX-5 0.53(mm)
LCS 600-71005/2-A		01/27/2012 15:11	1	A012712_004.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 15:46	1		RTX-5 0.53(mm)
600-49143-7	Field Blank 4	01/27/2012 16:20	1	A012712_006.d	RTX-5 0.53(mm)
600-49143-10	Equipment Blank 8	01/27/2012 16:55	1	A012712_007.d	RTX-5 0.53(mm)
600-49143-11	Trip Blank 1/14/12	01/27/2012 17:29	1	A012712_008.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 18:04	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 18:38	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 19:13	1		RTX-5 0.53(mm)
600-49143-5	2012-FWCS-3	01/27/2012 19:47	1	A012712_012.d	RTX-5 0.53(mm)
CCV 600-71145/18		01/27/2012 20:21	1	A012712_013.d	RTX-5 0.53(mm)
600-49143-6	2012-FWCS-2	01/27/2012 20:56	1	A012712_014.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 22:38	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 23:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:20	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 01:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 02:03	1		RTX-5 0.53(mm)
CCV 600-71145/21		01/28/2012 02:38	1	A012712_024.d	RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:12	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:21	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 05:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:03	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:37	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 07:11	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 07:45	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 08:19	1		RTX-5 0.53(mm)
CCV 600-71145/32		01/28/2012 08:53	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 09:27	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:02	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:36	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:10	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:45	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 12:19	1		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 10:28	5		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 11:02	5		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 11:36	2		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 12:15	10		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 01/27/2012 14:02

Analysis Batch Number: 71169 End Date: 01/30/2012 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-71169/1		01/27/2012 14:02	1	B012712_002.d	RTX-5 0.53(mm)
MB 600-70966/1-A		01/27/2012 14:36	1	B012712_003.d	RTX-5 0.53(mm)
LCS 600-70966/2-A		01/27/2012 15:11	1	B012712_004.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 15:46	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 16:20	1		RTX-5 0.53(mm)
600-49143-1	2012-FWCS-7	01/27/2012 16:55	1	B012712_007.d	RTX-5 0.53(mm)
600-49143-1 MS	2012-FWCS-7 MS	01/27/2012 17:29	1	B012712_008.d	RTX-5 0.53(mm)
600-49143-1 MSD	2012-FWCS-7 MSD	01/27/2012 18:04	1	B012712_009.d	RTX-5 0.53(mm)
600-49143-2	2012-FWCS-6	01/27/2012 18:38	1	B012712_010.d	RTX-5 0.53(mm)
600-49143-3	2012-FWCS-5	01/27/2012 19:13	1	B012712_011.d	RTX-5 0.53(mm)
600-49143-4	2012-FWCS-4	01/27/2012 19:47	1	B012712_012.d	RTX-5 0.53(mm)
CCV 600-71169/12		01/27/2012 20:21	1	B012712_013.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 22:04	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 22:38	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 23:12	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 23:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:20	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 01:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 02:03	1		RTX-5 0.53(mm)
CCV 600-71169/21		01/28/2012 02:38	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:12	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:21	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 05:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:03	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:37	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 07:45	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 08:19	1		RTX-5 0.53(mm)
CCV 600-71169/31		01/28/2012 08:53	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 09:27	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:02	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:36	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:10	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:45	1		RTX-5 0.53(mm)
CCV 600-71169/37		01/28/2012 12:19	1		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 10:28	50		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 11:36	5		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 13:09	2		RTX-5 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70966 Batch Start Date: 01/26/12 11:36 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_S_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005MS 00029	TX1005SURR 00055	AnalysisComment
MB 600-70966/1		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL			250 uL	
LCS 600-70966/2		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL	250 uL		250 uL	
600-49143-A-1	2012-FWCS-7	TX_1005_S_Prep, TX 1005	T	10.00 g	10.00 mL			250 uL	
600-49143-A-1 MS	2012-FWCS-7	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL		250 uL	250 uL	designated
600-49143-A-1 MSD	2012-FWCS-7	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL		250 uL	250 uL	designated
600-49143-B-2	2012-FWCS-6	TX_1005_S_Prep, TX 1005	T	10.04 g	10.00 mL			250 uL	
600-49143-B-3	2012-FWCS-5	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL			250 uL	
600-49143-B-4	2012-FWCS-4	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL			250 uL	
600-49143-B-5	2012-FWCS-3	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL			250 uL	
600-49143-B-6	2012-FWCS-2	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL			250 uL	

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

A12-870

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71005 Batch Start Date: 01/26/12 15:45 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_W_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00055	AnalysisComment
MB 600-71005/1		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL		100 uL	
LCS 600-71005/2		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL	100 uL	100 uL	
600-49143-A-7	Field Blank 4	TX_1005_W_Prep, TX 1005	T	2 SU	30.70 mL	3.00 mL		100 uL	Field blank
600-49143-C-10	Equipment Blank 8	TX_1005_W_Prep, TX 1005	T	2 SU	30.83 mL	3.00 mL		100 uL	Equipment blank
600-49143-A-11	Trip Blank 1/14/12	TX_1005_W_Prep, TX 1005	T	2 SU	30.47 mL	3.00 mL		100 uL	Trip blank

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

A12-871

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-FWCS-7	600-49143-1
2012-FWCS-6	600-49143-2
2012-FWCS-5	600-49143-3
2012-FWCS-4	600-49143-4
2012-FWCS-3	600-49143-5
2012-FWCS-2	600-49143-6
IDW 1	600-49143-8
IDW 2	600-49143-9
Equipment Blank 8	600-49143-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-7 Lab Sample ID: 600-49143-1

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 11:10

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 70.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.583	0.356	0.0365	mg/Kg			1	6010B
7439-92-1	Lead	63.9	0.713	0.149	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-6 Lab Sample ID: 600-49143-2

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 10:40

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 73.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.900	0.324	0.0332	mg/Kg			1	6010B
7439-92-1	Lead	253	0.648	0.136	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-5 Lab Sample ID: 600-49143-3

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 12:06

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 76.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.30	0.316	0.0324	mg/Kg			1	6010B
7439-92-1	Lead	224	0.631	0.132	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-4 Lab Sample ID: 600-49143-4

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 12:31

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 70.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.116	0.353	0.0362	mg/Kg	J		1	6010B
7439-92-1	Lead	158	0.707	0.148	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-3 Lab Sample ID: 600-49143-5

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 12:55

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 77.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.145	0.312	0.0320	mg/Kg	J		1	6010B
7439-92-1	Lead	35.0	0.624	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-2 Lab Sample ID: 600-49143-6

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 13:19

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 79.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0756	0.305	0.0313	mg/Kg	J		1	6010B
7439-92-1	Lead	23.6	0.610	0.128	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW 1 | Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/19/2012 15:39

Reporting Basis: DRY | Date Received: 01/20/2012 09:37

% Solids: 76.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	257	0.641	0.134	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW 1 Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 15:39

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	0.0290	0.100	0.0290	mg/L	U		1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.00450	0.0500	0.00350	mg/L	J		1	6010B
7440-39-3	Ba	0.498	0.200	0.0220	mg/L		b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0417	0.400	0.0417	mg/L	U		1	6010B
7439-97-6	Mercury	0.0260	0.200	0.0260	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	1.32	0.0100	0.00290	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	0.805	0.100	0.0290	mg/L			1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.00880	0.0500	0.00350	mg/L	J		1	6010B
7440-39-3	Ba	0.142	0.200	0.0220	mg/L	J	b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0531	0.400	0.0417	mg/L	J		1	6010B
7439-97-6	Mercury	0.0260	0.200	0.0260	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 8 Lab Sample ID: 600-49143-10

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 16:09

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000500	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.0542	0.0100	0.00290	mg/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	ICV 600-70835/9 01/25/2012 08:20				CCV 600-70835/83 01/25/2012 11:32				CCV 600-70835/96 01/25/2012 12:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4883		0.500	98	0.4783		0.500	96	0.4774		0.500	95
Lead	0.4843		0.500	97	0.4768		0.500	95	0.4774		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	CCV 600-70835/109 01/25/2012 12:40				CCV 600-70835/113 01/25/2012 12:51							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4820		0.500	96	0.4772		0.500	95				
Lead	0.4787		0.500	96	0.4748		0.500	95				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70888/4 01/25/2012 13:54				CCV 600-70888/38 01/25/2012 16:07				CCV 600-70888/50 01/25/2012 16:54			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2521		0.250	101	0.2491		0.250	100	0.2502		0.250	100
As	0.5039		0.500	101	0.5025		0.500	100	0.5051		0.500	101
Ba	0.5003		0.500	100	0.5023		0.500	100	0.5041		0.500	101
Cd	0.5107		0.500	102	0.5164		0.500	103	0.5225		0.500	105
Cr	0.5059		0.500	101	0.4977		0.500	100	0.5013		0.500	100
Pb	0.5078		0.500	102	0.5069		0.500	101	0.5108		0.500	102
Se	0.5142		0.500	103	0.5058		0.500	101	0.5096		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-70888/59 01/25/2012 17:36											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2444		0.250	98								
As	0.4939		0.500	99								
Ba	0.4953		0.500	99								
Cd	0.5070		0.500	101								
Cr	0.4844		0.500	97								
Pb	0.4911		0.500	98								
Se	0.4914		0.500	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-71181/4 01/30/2012 10:59				CCV 600-71181/37 01/30/2012 13:08				CCV 600-71181/49 01/30/2012 14:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5135		0.500	103	0.4941		0.500	99	0.5070		0.500	101
Lead	0.5138		0.500	103	0.4677		0.500	94	0.4664		0.500	93

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-71181/58 01/30/2012 14:37											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5148		0.500	103								
Lead	0.4668		0.500	93								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MER0112S2_00015 Concentration Units: ug/L

CCV Source: MER0112S2_00015

Analyte	ICV 600-70887/8 01/25/2012 14:12				CCV 600-70887/11 01/25/2012 14:18				CCV 600-70887/23 01/25/2012 14:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.080		3.00	103	3.085		3.00	103	3.042		3.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MER0112S2_00015 Concentration Units: ug/L

CCV Source: MER0112S2_00015

Analyte	CCV 600-70887/35 01/25/2012 15:04				CCV 600-70887/47 01/25/2012 15:27				CCV 600-70887/58 01/25/2012 15:47			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.013		3.00	100	2.997		3.00	100	2.948		3.00	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MER0112S2_00015 Concentration Units: ug/L

CCV Source: MER0112S2_00015

Analyte	CCV 600-70887/61 01/25/2012 15:54											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.986		3.00	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-70888/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.009990	J	100	50-150
Pb	0.0100	0.01162		116	50-150
Cd	0.00500	0.005430		109	50-150
Ba	0.0100	0.01045	J	105	50-150
As	0.0100	0.01203		120	50-150
Ag	0.00500	0.004830	J	97	50-150
Se	0.0100	0.01099	J	110	50-150

Lab Sample ID: CRI 600-70888/96 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.01020		102	50-150
Pb	0.0100	0.01156		116	50-150
Cd	0.00500	0.005400		108	50-150
Ba	0.0100	0.01048	J	105	50-150
As	0.0100	0.009170	J	92	50-150
Ag	0.00500	0.005260	J	105	50-150
Se	0.0100	0.009750	J	98	50-150

Lab Sample ID: CRI 600-71181/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.01083		108	0-500
Cadmium	0.00500	0.005370		107	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-71181/55 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.009530	J	95	0-500
Cadmium	0.00500	0.005320		106	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method: 7470A Instrument ID: FIMS01

Lab Sample ID: CRA 600-70887/10 Concentration Units: ug/L

CRQL Check Standard Source: MER0112S1_00015

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.1711	J	86	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70835/11 01/25/2012 08:25		CCB 600-70835/85 01/25/2012 11:37		CCB 600-70835/98 01/25/2012 12:12		CCB 600-70835/111 01/25/2012 12:45	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70835/115 01/25/2012 12:56							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70888/5 01/25/2012 13:58		CCB 600-70888/39 01/25/2012 16:11		CCB 600-70888/51 01/25/2012 16:58		CCB 600-70888/60 01/25/2012 17:39	
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
As	0.0100	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Ba	0.0200	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Cd	0.00500	0.0003500	J	0.0004600	J	0.000350	U	0.000350	U
Cr	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Pb	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Se	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-71181/5 01/30/2012 11:03		CCB 600-71181/38 01/30/2012 13:15		CCB 600-71181/50 01/30/2012 14:06		CCB 600-71181/59 01/30/2012 14:41	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 600-70887/9 01/25/2012 14:15		CCB 600-70887/12 01/25/2012 14:21		CCB 600-70887/24 01/25/2012 14:44		CCB 600-70887/36 01/25/2012 15:06	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U	0.0260	U	0.0260	U	0.0260	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 600-70887/48 01/25/2012 15:29		CCB 600-70887/59 01/25/2012 15:49		CCB 600-70887/62 01/25/2012 15:55			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U	0.0260	U	0.0260	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70604/1-A

Instrument Code: Thermo6500 Batch No.: 70835

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B
7440-43-9	Cadmium	0.000350	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70836/1-A

Instrument Code: TJA1 Batch No.: 70888

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.00155	U		6010B
7439-92-1	Pb	0.00290	U		6010B
7440-43-9	Cd	0.000350	U		6010B
7440-39-3	Ba	0.00220	U		6010B
7440-38-2	As	0.00328	U		6010B
7440-22-4	Ag	0.00125	U		6010B
7782-49-2	Se	0.00417	U		6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-70806/1-B

Instrument Code: TJA1 Batch No.: 70888

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.0155	U		6010B
7439-92-1	Pb	0.0290	U		6010B
7440-43-9	Cd	0.00350	U		6010B
7440-39-3	Ba	0.04930	J		6010B
7440-38-2	As	0.0328	U		6010B
7440-22-4	Ag	0.0125	U		6010B
7782-49-2	Se	0.0417	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-71001/1-A

Instrument Code: TJA1 Batch No.: 71181

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B
7440-43-9	Cadmium	0.0256	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 600-70863/7-A

Instrument Code: FIMS01 Batch No.: 70887

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 600-70806/1-C

Instrument Code: FIMS01 Batch No.: 70887

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70835/12 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0141**	
Aluminum	*500*	*533*	*107*
Antimony		*-0.0082*	
Arsenic		*0.0042*	
Barium		*0.0006*	
Beryllium		*0.0000*	
Boron		*-0.0061*	
Calcium	*500*	*517*	*103*
Chromium		*0.0022*	
Cobalt		*0.0005*	
Copper		*0.0024*	
Iron	*200*	*202*	*101*
Lithium		*0.0072*	
Magnesium	*500*	*586*	*117*
Manganese		*-0.0053*	
Molybdenum		*-0.0009*	
Nickel		*0.0055*	
Potassium		*0.0188*	
Selenium		*0.0021*	
Silicon		*-0.0228*	
Silver		*-0.0004*	
Sodium		*0.0078*	
Strontium		*0.0022*	
Thallium		*-0.0085*	
Tin		*0.0010*	
Titanium		*0.0033*	
Vanadium		*-0.0056*	
Zinc		*0.0031*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/13 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Cadmium	**0.500**	**0.513**	**103**
Lead	**1.00**	**0.939**	**94**
Aluminum	*510*	*565*	*111*
Antimony	*1.00*	*0.962*	*96*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.538*	*108*
Boron	*1.00*	*1.14*	*114*
Calcium	*510*	*537*	*105*
Chromium	*1.00*	*0.971*	*97*
Cobalt	*1.00*	*0.992*	*99*
Copper	*1.00*	*1.19*	*119*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*601*	*118*
Manganese	*1.00*	*0.968*	*97*
Molybdenum	*1.00*	*0.899*	*90*
Nickel	*1.00*	*0.974*	*97*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*0.984*	*98*
Silicon	*1.00*	*1.01*	*101*
Silver	*0.500*	*0.555*	*111*
Sodium	*10.0*	*11.1*	*111*
Strontium	*0.500*	*0.547*	*109*
Thallium	*1.00*	*0.921*	*92*
Tin	*1.00*	*0.990*	*99*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70835/116 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0217**	
Aluminum	*500*	*567*	*113*
Antimony		*-0.0033*	
Arsenic		*0.0020*	
Barium		*0.0005*	
Beryllium		*-0.0003*	
Boron		*-0.0066*	
Calcium	*500*	*539*	*108*
Chromium		*0.0016*	
Cobalt		*0.0006*	
Copper		*0.0017*	
Iron	*200*	*204*	*102*
Lithium		*0.0081*	
Magnesium	*500*	*577*	*115*
Manganese		*-0.0053*	
Molybdenum		*-0.0011*	
Nickel		*0.0063*	
Potassium		*-0.0002*	
Selenium		*-0.0029*	
Silicon		*0.0204*	
Silver		*-0.0004*	
Sodium		*0.0807*	
Strontium		*0.0023*	
Thallium		*-0.0014*	
Tin		*0.0021*	
Titanium		*0.0030*	
Vanadium		*-0.0053*	
Zinc		*0.0029*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/117 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Cadmium	**0.500**	**0.507**	**101**
Lead	**1.00**	**0.918**	**92**
Aluminum	*510*	*598*	*117*
Antimony	*1.00*	*0.947*	*95*
Arsenic	*1.00*	*0.983*	*98*
Barium	*1.00*	*1.11*	*111*
Beryllium	*0.500*	*0.535*	*107*
Boron	*1.00*	*1.12*	*112*
Calcium	*510*	*555*	*109*
Chromium	*1.00*	*0.977*	*98*
Cobalt	*1.00*	*0.990*	*99*
Copper	*1.00*	*1.20*	*120*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.18*	*118*
Magnesium	*510*	*590*	*116*
Manganese	*1.00*	*0.966*	*97*
Molybdenum	*1.00*	*0.879*	*88*
Nickel	*1.00*	*0.960*	*96*
Potassium	*10.0*	*12.0*	*120*
Selenium	*1.00*	*0.970*	*97*
Silicon	*1.00*	*0.962*	*96*
Silver	*0.500*	*0.553*	*111*
Sodium	*10.0*	*11.7*	*117*
Strontium	*0.500*	*0.542*	*108*
Thallium	*1.00*	*0.910*	*91*
Tin	*1.00*	*0.993*	*99*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*0.997*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70888/7 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.0006**	
As		**0.0006**	
Ba		**0.0016**	
Cd		**0.0065**	
Cr		**0.0012**	
Pb		**0.0123**	
Se		**-0.0104**	
Aluminum	*500*	*500*	*100*
Antimony		*-0.0033*	
Beryllium		*-0.0003*	
Boron		*-0.0032*	
Calcium	*500*	*460*	*92*
Cobalt		*0.0001*	
Copper		*0.0127*	
Iron	*200*	*193*	*96*
Lithium		*0.0047*	
Magnesium	*500*	*510*	*102*
Manganese		*-0.0082*	
Molybdenum		*-0.0004*	
Nickel		*0.0011*	
Potassium		*0.160*	
Silicon		*0.0111*	
Sodium		*0.164*	
Strontium		*-0.0092*	
Thallium		*0.0031*	
Tin		*0.0019*	
Titanium		*-0.0026*	
Vanadium		*0.0046*	
Zinc		*0.0020*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70888/8 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**0.500**	**0.531**	**106**
As	**1.00**	**1.02**	**102**
Ba	**1.00**	**1.02**	**102**
Cd	**0.500**	**0.475**	**95**
Cr	**1.00**	**0.947**	**95**
Pb	**1.00**	**0.965**	**97**
Se	**1.00**	**0.985**	**99**
Aluminum	*510*	*504*	*99*
Antimony	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.479*	*96*
Boron	*1.00*	*1.03*	*103*
Calcium	*510*	*456*	*89*
Cobalt	*1.00*	*0.917*	*92*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*197*	*94*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*508*	*100*
Manganese	*1.00*	*0.942*	*94*
Molybdenum	*1.00*	*0.982*	*98*
Nickel	*1.00*	*0.922*	*92*
Potassium	*10.0*	*14.3*	*143*
Silicon	*1.00*	*0.959*	*96*
Sodium	*10.0*	*13.5*	*135*
Strontium	*0.500*	*0.492*	*98*
Thallium	*1.00*	*0.979*	*98*
Tin	*1.00*	*0.991*	*99*
Titanium	*1.00*	*0.978*	*98*
Vanadium	*1.00*	*0.972*	*97*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70888/97 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.0002**	
As		**-0.0020**	
Ba		**0.0016**	
Cd		**0.0059**	
Cr		**0.0010**	
Pb		**0.0115**	
Se		**-0.0113**	
Aluminum	*500*	*493*	*99*
Antimony		*-0.0001*	
Beryllium		*-0.0004*	
Boron		*-0.0035*	
Calcium	*500*	*454*	*91*
Cobalt		*0.0002*	
Copper		*0.0121*	
Iron	*200*	*192*	*96*
Lithium		*0.0048*	
Magnesium	*500*	*499*	*100*
Manganese		*-0.0079*	
Molybdenum		*-0.0005*	
Nickel		*0.0018*	
Potassium		*0.163*	
Silicon		*0.0066*	
Sodium		*0.164*	
Strontium		*-0.0090*	
Thallium		*0.0154*	
Tin		*0.0046*	
Titanium		*-0.0027*	
Vanadium		*0.0048*	
Zinc		*0.0267*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70888/98 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**0.500**	**0.534**	**107**
As	**1.00**	**1.03**	**103**
Ba	**1.00**	**1.03**	**103**
Cd	**0.500**	**0.491**	**98**
Cr	**1.00**	**0.952**	**95**
Pb	**1.00**	**0.985**	**98**
Se	**1.00**	**0.989**	**99**
Aluminum	*510*	*502*	*98*
Antimony	*1.00*	*1.05*	*105*
Beryllium	*0.500*	*0.474*	*95*
Boron	*1.00*	*1.05*	*105*
Calcium	*510*	*462*	*91*
Cobalt	*1.00*	*0.922*	*92*
Copper	*1.00*	*1.04*	*104*
Iron	*210*	*201*	*96*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*509*	*100*
Manganese	*1.00*	*0.953*	*95*
Molybdenum	*1.00*	*1.00*	*100*
Nickel	*1.00*	*0.927*	*93*
Potassium	*10.0*	*14.6*	*146*
Silicon	*1.00*	*0.961*	*96*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.501*	*100*
Thallium	*1.00*	*1.01*	*101*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*0.987*	*99*
Vanadium	*1.00*	*0.977*	*98*
Zinc	*1.00*	*1.04*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-71181/7 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0035**	
Lead		**0.0054**	
Aluminum	*500*	*505*	*101*
Antimony		*0.0011*	
Arsenic		*-0.0004*	
Barium		*0.0016*	
Beryllium		*-0.0003*	
Boron		*-0.0035*	
Calcium	*500*	*456*	*91*
Chromium		*0.0009*	
Cobalt		*-0.0004*	
Copper		*0.0125*	
Iron	*200*	*195*	*97*
Lithium		*0.0046*	
Magnesium	*500*	*509*	*102*
Manganese		*-0.0077*	
Molybdenum		*-0.0005*	
Nickel		*0.0004*	
Potassium		*0.102*	
Selenium		*-0.0105*	
Silicon		*0.0086*	
Silver		*-0.0005*	
Sodium		*0.155*	
Strontium		*-0.0091*	
Thallium		*-0.0245*	
Tin		*0.0000*	
Titanium		*-0.0025*	
Vanadium		*0.0035*	
Zinc		*0.0036*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-71181/8 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.441**	**88**
Lead	**1.00**	**0.903**	**90**
Aluminum	*510*	*469*	*92*
Antimony	*1.00*	*0.956*	*96*
Arsenic	*1.00*	*0.955*	*95*
Barium	*1.00*	*0.963*	*96*
Beryllium	*0.500*	*0.448*	*90*
Boron	*1.00*	*0.969*	*97*
Calcium	*510*	*425*	*83*
Chromium	*1.00*	*0.881*	*88*
Cobalt	*1.00*	*0.851*	*85*
Copper	*1.00*	*1.00*	*100*
Iron	*210*	*187*	*89*
Lithium	*1.00*	*1.14*	*114*
Magnesium	*510*	*474*	*93*
Manganese	*1.00*	*0.880*	*88*
Molybdenum	*1.00*	*0.914*	*91*
Nickel	*1.00*	*0.833*	*83*
Potassium	*10.0*	*13.4*	*134*
Selenium	*1.00*	*0.941*	*94*
Silicon	*1.00*	*0.893*	*89*
Silver	*0.500*	*0.498*	*100*
Sodium	*10.0*	*12.8*	*128*
Strontium	*0.500*	*0.468*	*94*
Thallium	*1.00*	*0.899*	*90*
Tin	*1.00*	*0.914*	*91*
Titanium	*1.00*	*0.919*	*92*
Vanadium	*1.00*	*0.910*	*91*
Zinc	*1.00*	*0.939*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-71181/56 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0024**	
Lead		**0.0050**	
Aluminum	*500*	*427*	*85*
Antimony		*0.0047*	
Arsenic		*-0.0011*	
Barium		*0.0017*	
Beryllium		*-0.0022*	
Boron		*0.0002*	
Calcium	*500*	*402*	*80*
Chromium		*0.0004*	
Cobalt		*-0.0004*	
Copper		*0.0073*	
Iron	*200*	*178*	*89*
Lithium		*0.0045*	
Magnesium	*500*	*421*	*84*
Manganese		*-0.0059*	
Molybdenum		*-0.0008*	
Nickel		*0.0005*	
Potassium		*-0.0468*	
Selenium		*-0.0229*	
Silicon		*-0.0086*	
Silver		*-0.0010*	
Sodium		*0.157*	
Strontium		*-0.0078*	
Thallium		*0.0283*	
Tin		*-0.0013*	
Titanium		*-0.0023*	
Vanadium		*0.0053*	
Zinc		*-0.0024*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-71181/57 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.476**	**95**
Lead	**1.00**	**0.894**	**89**
Aluminum	*510*	*445*	*87*
Antimony	*1.00*	*1.04*	*104*
Arsenic	*1.00*	*0.961*	*96*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.389*	*78*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*423*	*83*
Chromium	*1.00*	*0.797*	*80*
Cobalt	*1.00*	*0.738*	*74*
Copper	*1.00*	*0.929*	*93*
Iron	*210*	*194*	*92*
Lithium	*1.00*	*1.29*	*129*
Magnesium	*510*	*441*	*87*
Manganese	*1.00*	*0.845*	*85*
Molybdenum	*1.00*	*0.916*	*92*
Nickel	*1.00*	*0.893*	*89*
Potassium	*10.0*	*15.5*	*155*
Selenium	*1.00*	*0.866*	*87*
Silicon	*1.00*	*0.856*	*86*
Silver	*0.500*	*0.500*	*100*
Sodium	*10.0*	*14.3*	*143*
Strontium	*0.500*	*0.538*	*108*
Thallium	*1.00*	*1.08*	*108*
Tin	*1.00*	*0.799*	*80*
Titanium	*1.00*	*0.935*	*93*
Vanadium	*1.00*	*0.854*	*85*
Zinc	*1.00*	*0.993*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-7 MS
Lab ID: 600-49143-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-49143-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 69.9

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	27.44		0.583		34.7	77	75-125		6010B
Lead	172.0		63.9		69.5	156	75-125	N	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-7 MSD
Lab ID: 600-49143-1 MSD
Lab Name: TestAmerica Houston
Job No.: 600-49143-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 70.8

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	26.09		34.0	75	75-125	5	20		6010B
Lead	102.3		67.9	57	75-125	51	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-7 PDS | Lab ID: 600-49143-1 PDS

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	120.2		63.9		71.3	79	75-125		6010B
Cadmium	29.93		0.583		35.6	82	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-FWCS-7 DU | Lab ID: 600-49143-1 DU

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

% Solids for Sample: 70.2 | % Solids for Duplicate: 70.2

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.685	63.9		53.16		18		6010B
Cadmium	0.343	0.583		0.9203		45		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70604/2-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	0.9466		95	80	120		6010B
Cadmium	0.500	0.4716		94	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70836/2-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cr	1.00	1.005		100	80	120		6010B
Pb	1.00	1.022		102	80	120		6010B
Cd	0.500	0.5203		104	80	120		6010B
Ba	1.00	1.024		102	80	120		6010B
As	1.00	1.021		102	80	120		6010B
Ag	0.500	0.5084		102	80	120		6010B
Se	1.00	1.021		102	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-71001/2-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	144	130.3		91	79	121		6010B
Cadmium	71.0	70.91		100	81	119		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70863/8-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Water LCS Source: MER0112S2_00015

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	3.00	2.969		99	70	130		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-49143-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-49143-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	63.9		81.28		27	*	6010B
Cadmium	0.583		0.4775	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

A12-940

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

A12-941

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

A12-942

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

A12-943

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

A12-944

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

A12-945

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-49143-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Pb		50	6010B
Cr		50	6010B
Lead		50	6010B
Cd		25	6010B
Ba		50	6010B
As		50	6010B
Ag		5	6010B
Se		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70604/1-A	01/23/2012 05:50	70604		50	50
LCS 600-70604/2-A	01/23/2012 05:50	70604		50	50
600-49143-9	01/23/2012 05:50	70604		50	50
600-49143-10	01/23/2012 05:50	70604		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70836/1-A	01/25/2012 10:25	70836		50	50
LCS 600-70836/2-A	01/25/2012 10:25	70836		50	50
LB 600-70806/1-B	01/25/2012 10:25	70836		5	50
600-49143-9	01/25/2012 10:25	70836		5	50
600-49143-8	01/25/2012 10:25	70836		5	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-71001/1-A	01/26/2012 15:05	71001	1.00		50
LCS 600-71001/2-A	01/26/2012 15:05	71001	0.50		50
600-49143-1	01/26/2012 15:05	71001	1.00		50
600-49143-1 DU	01/26/2012 15:05	71001	1.04		50
600-49143-1 MS	01/26/2012 15:05	71001	1.03		50
600-49143-1 MSD	01/26/2012 15:05	71001	1.04		50
600-49143-2	01/26/2012 15:05	71001	1.05		50
600-49143-3	01/26/2012 15:05	71001	1.04		50
600-49143-4	01/26/2012 15:05	71001	1.00		50
600-49143-5	01/26/2012 15:05	71001	1.04		50
600-49143-6	01/26/2012 15:05	71001	1.03		50
600-49143-8	01/26/2012 15:05	71001	1.02		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70863/7-A	01/25/2012 11:15	70863		40	40
LCS 600-70863/8-A	01/25/2012 11:15	70863		50	50
LB 600-70806/1-C	01/25/2012 11:15	70863		40	40
600-49143-9	01/25/2012 11:15	70863		40	40
600-49143-8	01/25/2012 11:15	70863		40	40

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70835/1			08:00																					
RINSE 600-70835/2			08:02																					
ZZZZZZ			08:05																					
ZZZZZZ			08:08																					
CALIBSTD 600-70835/5 IC			08:10	X	X																			
CALIBSTD 600-70835/6 IC			08:13	X	X																			
CALIBSTD 600-70835/7 IC			08:15	X	X																			
CALIBSTD 600-70835/8 IC			08:18	X	X																			
ICV 600-70835/9	1		08:20	X	X																			
ZZZZZZ			08:22																					
ICB 600-70835/11	1		08:25	X	X																			
ICSA 600-70835/12	1		08:28	X	X																			
ICSAB 600-70835/13	1		08:30	X	X																			
CCV 600-70835/14			08:33																					
ZZZZZZ			08:35																					
CCB 600-70835/16			08:38																					
ZZZZZZ			08:40																					
ZZZZZZ			08:43																					
ZZZZZZ			08:45																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:53																					
ZZZZZZ			08:56																					
ZZZZZZ			08:58																					
ZZZZZZ			09:01																					
ZZZZZZ			09:03																					
CCV 600-70835/27			09:06																					
ZZZZZZ			09:09																					
CCB 600-70835/29			09:11																					
ZZZZZZ			09:14																					
ZZZZZZ			09:16																					
ZZZZZZ			09:19																					
ZZZZZZ			09:22																					
ZZZZZZ			09:24																					
ZZZZZZ			09:27																					
ZZZZZZ			09:29																					
ZZZZZZ			09:32																					
ZZZZZZ			09:34																					
ZZZZZZ			09:37																					
CCV 600-70835/40			09:40																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			09:42																					
CCB 600-70835/42			09:45																					
ZZZZZZ			09:47																					
ZZZZZZ			09:50																					
ZZZZZZ			09:52																					
ZZZZZZ			09:55																					
ZZZZZZ			09:58																					
ZZZZZZ			10:00																					
ZZZZZZ			10:03																					
ZZZZZZ			10:05																					
CCV 600-70835/51			10:08																					
ZZZZZZ			10:11																					
CCB 600-70835/53			10:13																					
ZZZZZZ			10:16																					
ZZZZZZ			10:19																					
ZZZZZZ			10:21																					
ZZZZZZ			10:24																					
ZZZZZZ			10:26																					
ZZZZZZ			10:29																					
ZZZZZZ			10:32																					
ZZZZZZ			10:35																					
ZZZZZZ			10:37																					
ZZZZZZ			10:40																					
CCV 600-70835/64			10:43																					
ZZZZZZ			10:45																					
CCB 600-70835/66			10:48																					
ZZZZZZ			10:51																					
ZZZZZZ			10:53																					
ZZZZZZ			10:56																					
ZZZZZZ			10:59																					
ZZZZZZ			11:01																					
ZZZZZZ			11:03																					
ZZZZZZ			11:06																					
ZZZZZZ			11:09																					
ZZZZZZ			11:12																					
ZZZZZZ			11:14																					
CCV 600-70835/77			11:17																					
ZZZZZZ			11:19																					
CCB 600-70835/79			11:22																					
ZZZZZZ			11:25																					
ZZZZZZ			11:27																					
ZZZZZZ			11:30																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
CCV 600-70835/83	1		11:32	X	X																			
ZZZZZZ			11:35																					
CCB 600-70835/85	1		11:37	X	X																			
MB 600-70604/1-A	1	T	11:40	X	X																			
LCS 600-70604/2-A	1	T	11:43	X	X																			
ZZZZZZ			11:45																					
ZZZZZZ			11:48																					
ZZZZZZ			11:50																					
ZZZZZZ			11:53																					
ZZZZZZ			11:56																					
ZZZZZZ			11:58																					
ZZZZZZ			12:01																					
ZZZZZZ			12:04																					
CCV 600-70835/96	1		12:06	X	X																			
ZZZZZZ			12:09																					
CCB 600-70835/98	1		12:12	X	X																			
ZZZZZZ			12:14																					
ZZZZZZ			12:17																					
ZZZZZZ			12:19																					
ZZZZZZ			12:22																					
ZZZZZZ			12:24																					
600-49143-9	1	T	12:27		X																			
600-49143-10	1	T	12:30	X	X																			
ZZZZZZ			12:32																					
ZZZZZZ			12:35																					
ZZZZZZ			12:38																					
CCV 600-70835/109	1		12:40	X	X																			
ZZZZZZ			12:43																					
CCB 600-70835/111	1		12:45	X	X																			
ZZZZZZ			12:48																					
CCV 600-70835/113	1		12:51	X	X																			
ZZZZZZ			12:53																					
CCB 600-70835/115	1		12:56	X	X																			
ICSA 600-70835/116	1		15:54	X	X																			
ICSAB 600-70835/117	1		15:57	X	X																			
CCV 600-70835/118			15:59																					
CCB 600-70835/119			16:01																					
RINSE 600-70835/120			16:04																					
RINSE 600-70835/121			16:07																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 13:42 End Date: 01/25/2012 20:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			13:42																				
STD 600-70888/2 IC			13:45	X	X	X	X	X	X	X													
ZZZZZZ			13:50																				
ICV 600-70888/4	1		13:54	X	X	X	X	X	X	X													
ICB 600-70888/5	1		13:58	X	X	X	X	X	X	X													
CRI 600-70888/6	1		14:02	X	X	X	X	X	X	X													
ICSA 600-70888/7	1		14:05	X	X	X	X	X	X	X													
ICSAB 600-70888/8	1		14:09	X	X	X	X	X	X	X													
CCV 600-70888/9			14:13																				
CCB 600-70888/10			14:17																				
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
ZZZZZZ			14:29																				
ZZZZZZ			14:32																				
ZZZZZZ			14:36																				
ZZZZZZ			14:40																				
ZZZZZZ			14:44																				
ZZZZZZ			14:48																				
ZZZZZZ			14:52																				
ZZZZZZ			14:56																				
CCV 600-70888/21			14:59																				
CCB 600-70888/22			15:03																				
ZZZZZZ			15:07																				
ZZZZZZ			15:12																				
ZZZZZZ			15:16																				
CCV 600-70888/26			15:20																				
CCB 600-70888/27			15:24																				
ZZZZZZ			15:28																				
ZZZZZZ			15:31																				
ZZZZZZ			15:35																				
ZZZZZZ			15:39																				
ZZZZZZ			15:43																				
ZZZZZZ			15:47																				
ZZZZZZ			15:51																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
CCV 600-70888/38	1		16:07	X	X	X	X	X	X	X													
CCB 600-70888/39	1		16:11	X	X	X	X	X	X	X													
MB 600-70836/1-A	1	T	16:16	X	X	X	X	X	X	X													
LCS 600-70836/2-A	1	T	16:20	X	X	X	X	X	X	X													
LB 600-70806/1-B	1	P	16:24	X	X	X	X	X	X	X													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 13:42 End Date: 01/25/2012 20:17

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	As	Ba	Cd	Cr	Pb	Se														
ZZZZZZ			16:27																					
ZZZZZZ			16:31																					
ZZZZZZ			16:35																					
600-49143-9	1	P	16:39	X	X	X	X	X	X	X														
ZZZZZZ			16:43																					
ZZZZZZ			16:47																					
ZZZZZZ			16:51																					
CCV 600-70888/50	1		16:54	X	X	X	X	X	X	X														
CCB 600-70888/51	1		16:58	X	X	X	X	X	X	X														
600-49143-8	1	P	17:02	X	X	X	X	X	X	X														
ZZZZZZ			17:06																					
ZZZZZZ			17:10																					
ZZZZZZ			17:14																					
ZZZZZZ			17:17																					
ZZZZZZ			17:21																					
ZZZZZZ			17:25																					
CCV 600-70888/59	1		17:36	X	X	X	X	X	X	X														
CCB 600-70888/60	1		17:39	X	X	X	X	X	X	X														
ZZZZZZ			17:47																					
ZZZZZZ			17:51																					
ZZZZZZ			17:54																					
ZZZZZZ			17:58																					
ZZZZZZ			18:02																					
ZZZZZZ			18:06																					
ZZZZZZ			18:10																					
ZZZZZZ			18:14																					
ZZZZZZ			18:17																					
ZZZZZZ			18:21																					
CCV 600-70888/71			18:25																					
CCB 600-70888/72			18:29																					
ZZZZZZ			18:33																					
ZZZZZZ			18:37																					
ZZZZZZ			18:41																					
ZZZZZZ			18:44																					
ZZZZZZ			18:48																					
ZZZZZZ			18:52																					
ZZZZZZ			18:56																					
ZZZZZZ			19:00																					
ZZZZZZ			19:04																					
ZZZZZZ			19:08																					
CCV 600-70888/83			19:11																					
CCB 600-70888/84			19:15																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 13:42 End Date: 01/25/2012 20:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			19:19																				
ZZZZZZ			19:23																				
ZZZZZZ			19:27																				
ZZZZZZ			19:31																				
ZZZZZZ			19:35																				
ZZZZZZ			19:38																				
ZZZZZZ			19:42																				
ZZZZZZ			19:46																				
ZZZZZZ			19:50																				
CCV 600-70888/94			19:54																				
CCB 600-70888/95			19:58																				
CRI 600-70888/96	1		20:01	X	X	X	X	X	X	X													
ICSA 600-70888/97	1		20:05	X	X	X	X	X	X	X													
ICSAB 600-70888/98	1		20:09	X	X	X	X	X	X	X													
CCV 600-70888/99			20:13																				
CCB 600-70888/100			20:17																				

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/30/2012 10:48 End Date: 01/30/2012 14:41

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			10:48																					
STD 600-71181/2 IC			10:51	X	X																			
ZZZZZZ			10:56																					
ICV 600-71181/4	1		10:59	X	X																			
ICB 600-71181/5	1		11:03	X	X																			
CRI 600-71181/6	1		11:09	X	X																			
ICSA 600-71181/7	1		11:13	X	X																			
ICSAB 600-71181/8	1		11:17	X	X																			
CCV 600-71181/9			11:21																					
CCB 600-71181/10			11:24																					
ZZZZZZ			11:28																					
ZZZZZZ			11:32																					
ZZZZZZ			11:36																					
ZZZZZZ			11:40																					
ZZZZZZ			11:44																					
ZZZZZZ			11:48																					
ZZZZZZ			11:51																					
ZZZZZZ			11:55																					
ZZZZZZ			11:59																					
ZZZZZZ			12:03																					
CCV 600-71181/21			12:07																					
CCB 600-71181/22			12:11																					
ZZZZZZ			12:15																					
ZZZZZZ			12:18																					
ZZZZZZ			12:22																					
ZZZZZZ			12:26																					
ZZZZZZ			12:30																					
ZZZZZZ			12:34																					
ZZZZZZ			12:38																					
ZZZZZZ			12:41																					
ZZZZZZ			12:45																					
ZZZZZZ			12:49																					
CCV 600-71181/33			12:53																					
CCB 600-71181/34			12:57																					
ZZZZZZ			13:01																					
ZZZZZZ			13:05																					
CCV 600-71181/37	1		13:08	X	X																			
CCB 600-71181/38	1		13:15	X	X																			
MB 600-71001/1-A	1	T	13:24	X	X																			
LCS 600-71001/2-A	1	T	13:28	X	X																			
600-49143-1	1	T	13:32	X	X																			
600-49143-1 DU	1	T	13:35	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/30/2012 10:48 End Date: 01/30/2012 14:41

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cd	Pb																		
600-49143-1 MS	1	T	13:39	X	X																		
600-49143-1 MSD	1	T	13:43	X	X																		
600-49143-2	1	T	13:47	X	X																		
600-49143-3	1	T	13:51	X	X																		
600-49143-4	1	T	13:55	X	X																		
600-49143-5	1	T	13:58	X	X																		
CCV 600-71181/49	1		14:02	X	X																		
CCB 600-71181/50	1		14:06	X	X																		
600-49143-6	1	T	14:10	X	X																		
600-49143-8	1	T	14:14		X																		
600-49143-1 PDS	1	T	14:18	X	X																		
600-49143-1 SD	5	T	14:22	X	X																		
CRI 600-71181/55	1		14:25	X	X																		
ICSA 600-71181/56	1		14:29	X	X																		
ICSAB 600-71181/57	1		14:33	X	X																		
CCV 600-71181/58	1		14:37	X	X																		
CCB 600-71181/59	1		14:41	X	X																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 01/25/2012 13:58 End Date: 01/25/2012 15:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
ZZZZZZ			14:02																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
ZZZZZZ			14:07																				
ZZZZZZ			14:10																				
ICV 600-70887/8	1		14:12	X																			
ICB 600-70887/9	1		14:15	X																			
CRA 600-70887/10	1		14:17	X																			
CCV 600-70887/11	1		14:18	X																			
CCB 600-70887/12	1		14:21	X																			
MB 600-70863/7-A	1	T	14:23	X																			
LCS 600-70863/8-A	1	T	14:25	X																			
ZZZZZZ			14:27																				
ZZZZZZ			14:28																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
ZZZZZZ			14:36																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
CCV 600-70887/23	1		14:41	X																			
CCB 600-70887/24	1		14:44	X																			
ZZZZZZ			14:45																				
ZZZZZZ			14:47																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:56																				
ZZZZZZ			14:58																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
CCV 600-70887/35	1		15:04	X																			
CCB 600-70887/36	1		15:06	X																			
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
ZZZZZZ			15:14																				
ZZZZZZ			15:16																				
LB 600-70806/1-C	1	P	15:18	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 01/25/2012 13:58 End Date: 01/25/2012 15:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:20																				
600-49143-9	1	P	15:21	X																			
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
CCV 600-70887/47	1		15:27	X																			
CCB 600-70887/48	1		15:29	X																			
ZZZZZZ			15:31																				
600-49143-8	1	P	15:32	X																			
ZZZZZZ			15:34																				
ZZZZZZ			15:36																				
ZZZZZZ			15:38																				
ZZZZZZ			15:40																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
CCV 600-70887/58	1		15:47	X																			
CCB 600-70887/59	1		15:49	X																			
ZZZZZZ			15:52																				
CCV 600-70887/61	1		15:54	X																			
CCB 600-70887/62	1		15:55	X																			

Prep Types

P = TCLP

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:00:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0006	241.3	0.0002	-0.0007
Al3082	308.215 {1	In2306	ppm	0.0248	0.0603	242.9	-0.0178	0.0674
As1890	189.042 {4	Y_2243	ppm	0.0004	0.0002	45.86	0.0003	0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0001	0.0024	1824	-0.0018	0.0016
Ba4554	455.403 { 7	Y_3710	ppm	-0.0003	0.0001	18.5	-0.0003	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	41.34	0.0003	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0184	0.0173	94.05	-0.0062	-0.0307
Ca3181	318.128 {1	In2306	ppm	-0.0073	0.048	658.3	0.0266	-0.0412
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	41.79	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	41.33	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0002	77.57	-0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0007	150	0	-0.001
Fe2404	240.488 {1	In2306	ppm	0.0092	0.0013	14.45	0.0102	0.0083
K_7664	766.490 { 4	Y_3710	ppm	0.0114	0.0024	21.18	0.0097	0.0131
K_7698	769.896 { 4	Y_3710	ppm	-0.3328	0.0371	11.14	-0.359	-0.3066
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0002	108.8	0	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0297	0.0244	82.16	0.047	0.0125
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	150.7	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0017	0.0004	24.61	-0.0014	-0.002
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	59.55	0.0001	0.0002
Na5895	589.592 { 5	Y_3710	ppm	-0.0618	0.001	1.571	-0.0611	-0.0625
Na8183	818.326 { 4	Y_3710	ppm	-0.0098	0.0444	452.4	-0.0412	0.0216
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0001	47.57	-0.0001	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0014	0.0004	28.79	-0.0011	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.001	0.0008	85.61	0.0016	0.0004
S_1820	182.034 {4	Y_2243	ppm	0.0904	0.0879	97.24	0.1526	0.0282
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0004	13.21	0.0028	0.0033
Se1960	196.090 {4	Y_2243	ppm	-0.0005	0.0003	58	-0.0008	-0.0003
Si2516	251.611 {1	Y_3710	ppm	0.006	0.0305	505.7	-0.0156	0.0276
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0001	29.74	-0.0001	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	163.5	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0001	24.13	0.0002	0.0003
Tl1908	190.856 {4	In2306	ppm	-0.0015	0.0008	49.27	-0.001	-0.0021
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	200.2	0	-0.0002
Zn2062	206.200 {4	In2306	ppm	-0.0008	0	0.9309	-0.0008	-0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.79	0.25795	0.41081	62.607	62.972
In2306	230.606 {4	Cts/S	10038	18.347	0.18277	10051	10025
Y_2243	224.306 {4	Cts/S	12269	24.654	0.20094	12286	12252
Y_3600	360.073 { 9	Cts/S	47460	101.79	0.21446	47532	47388

Y_3710	371.030	{	9	Cts/S	8638.3	39.515	0.45744	8610.4	8666.3

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:02:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0007	284.8	0.0007	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0746	0.0231	30.97	0.0582	0.0909
As1890	189.042 {4	Y_2243	ppm	0.0022	0.0009	40.37	0.0028	0.0016
B_2496	249.678 {1	Y_3710	ppm	-0.0038	0.0004	11.88	-0.0034	-0.0041
Ba4554	455.403 { 7	Y_3710	ppm	0	0	78.97	0.0001	0
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	37.37	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	0.0709	0.0013	1.791	0.07	0.0718
Ca3181	318.128 {1	In2306	ppm	0.1133	0.0101	8.93	0.1061	0.1204
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	5.03	-0.0002	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	48.33	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0	8.849	-0.0002	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0008	0.0002	21.25	-0.0009	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.0155	0.0021	13.77	0.0171	0.014
K_7664	766.490 { 4	Y_3710	ppm	0.0211	0.0047	22.2	0.0244	0.0178
K_7698	769.896 { 4	Y_3710	ppm	-0.3044	0.0333	10.95	-0.2808	-0.328
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0	7.206	0.0003	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0479	0.0449	93.89	0.0797	0.0161
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	29.97	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0	0.7494	-0.0005	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0	18.61	-0.0003	-0.0002
Na5895	589.592 { 5	Y_3710	ppm	-0.0513	0.0003	0.6485	-0.0515	-0.051
Na8183	818.326 { 4	Y_3710	ppm	-0.0139	0.0404	289.7	-0.0425	0.0146
Ni2316	231.604 {4	In2306	ppm	0.0001	0	16.96	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0003	51.16	-0.0008	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0004	33.4	0.0008	0.0013
S_1820	182.034 {4	Y_2243	ppm	-0.0724	0.0069	9.55	-0.0675	-0.0773
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0014	120.3	0.0002	0.0022
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0007	80.48	0.0014	0.0004
Si2516	251.611 {1	Y_3710	ppm	-0.0162	0.0055	34.09	-0.0201	-0.0123
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0003	438.1	0.0003	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	55.05	0.0001	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0007	261.5	-0.0008	0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0009	0.0015	169.3	-0.0019	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0006	0.0001	18.45	0.0005	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0019	0.0001	5.869	0.002	0.0018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.008	0.15112	0.23985	63.115	62.901
In2306	230.606 {4	Cts/S	10070	4.0575	0.04029	10073	10067
Y_2243	224.306 {4	Cts/S	12389	0.63845	0.00515	12388	12389
Y_3600	360.073 { 9	Cts/S	47476	24.806	0.05225	47494	47459

Y_3710	371.030 { 9	Cts/S	8717.2	15.789	0.18113	8728.4	8706.1	

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:05:39
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	Cts/S	0.0001	0.0002	251.2	-0.0001	0.0002
Al3082	308.215 {1(	In2306	Cts/S	0.1816	0.0321	17.68	0.1589	0.2043
As1890	189.042 {4'	Y_2243	Cts/S	0	0	222.4	0	0
B_2496	249.678 {1:	Y_3710	Cts/S	0.0001	0.0003	444.3	-0.0002	0.0003
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0047	0.0009	18.38	0.0041	0.0053
Be3130	313.042 {1(	Y_3710	Cts/S	0.0002	0.0001	33.48	0.0002	0.0003
Ca3158	315.887 {1(	In2306	Cts/S	-0.0989	0.0088	8.931	-0.0927	-0.1052
Ca3181	318.128 {1(	In2306	Cts/S	-0.0551	0.003	5.379	-0.053	-0.0572
Cd2288	228.802 {4.	Y_2243	Cts/S	0.0005	0.0001	13	0.0006	0.0005
Co2286	228.616 {4.	In2306	Cts/S	-0.0002	0	18.68	-0.0002	-0.0003
Cr2677	267.716 {1:	Y_3600	Cts/S	0	0.0001	220.8	0.0001	0
Cu3247	324.754 {1(	Y_3600	Cts/S	0.008	0.0001	1.215	0.0081	0.008
Fe2404	240.488 {1.	In2306	Cts/S	0.0283	0.018	63.61	0.0156	0.041
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0021	0.001	48.08	-0.0028	-0.0014
K_7698	769.896 { 4	Y_3710	Cts/S	0.0353	0.0004	1.137	0.0356	0.035
Li6707	670.784 { 5	Y_3710	Cts/S	0.0007	0.0008	121.6	0.0001	0.0012
Mg2790	279.079 {1:	Y_3710	Cts/S	0	0.0001	379.7	0	-0.0001
Mn2576	257.610 {1:	Y_3600	Cts/S	0.0002	0.0001	29.72	0.0002	0.0002
Mn2576-2	257.610 {1:	Y_3710	Cts/S	0	0.0001	463	0	-0.0001
Mo2020	202.030 {4(	Y_2243	Cts/S	0.0001	0	48.5	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0167	0.0007	4.21	0.0172	0.0162
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0058	0.0004	7.566	-0.0055	-0.0061
Ni2316	231.604 {4.	In2306	Cts/S	0	0.0001	5460	0.0001	-0.0001
P_1782	178.284 {4!	In2306	Cts/S	0.0002	0	1.985	0.0002	0.0002
Pb2203	220.353 {4!	In2306	Cts/S	-0.0001	0.0001	82.19	-0.0002	0
S_1820	182.034 {4!	Y_2243	Cts/S	-0.0002	0	15.28	-0.0002	-0.0002
Sb2068	206.833 {4(	Y_2243	Cts/S	-0.0001	0	15.93	-0.0001	-0.0001
Se1960	196.090 {4'	Y_2243	Cts/S	0	0.0001	223.8	0.0001	0
Si2516	251.611 {1:	Y_3710	Cts/S	0.0004	0	1.856	0.0004	0.0004
Sn1899	189.989 {4'	In2306	Cts/S	0.0002	0	9.318	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	Cts/S	0.0004	0.0003	84.53	0.0006	0.0001
Ti3349	334.904 {1(	Y_3600	Cts/S	0	0.0001	143.6	0	-0.0001
Tl1908	190.856 {4'	In2306	Cts/S	-0.0002	0.0001	40.65	-0.0001	-0.0002
V_2924	292.402 {1	Y_3600	Cts/S	-0.0017	0	1.584	-0.0017	-0.0017
Zn2062	206.200 {4(	In2306	Cts/S	0.0013	0.0001	5.068	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1.	Cts/S	61.643	0.80812	1.311	61.071	62.214
In2306	230.606 {4.	Cts/S	9998.6	29.104	0.29108	9978	10019
Y_2243	224.306 {4!	Cts/S	12342	16.749	0.13571	12330	12353

Y_3600	360.073 { 9	Cts/S	46746	165.96	0.35502	46628	46863	
Y_3710	371.030 { 9	Cts/S	8401.1	199.84	2.3787	8259.8	8542.4	

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:08:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0094	0.0005	5.123	0.0097	0.0091
Al3082	308.215 {1	In2306	Cts/S	0.9363	0.0035	0.3751	0.9338	0.9387
As1890	189.042 {4	Y_2243	Cts/S	0.0066	0.0002	3.806	0.0067	0.0064
B_2496	249.678 {1	Y_3710	Cts/S	0.002	0	2.304	0.0021	0.002
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4571	0.0022	0.4866	0.4555	0.4586
Be3130	313.042 {1	Y_3710	Cts/S	0.1327	0.0003	0.2496	0.133	0.1325
Ca3158	315.887 {1	In2306	Cts/S	1.857	0.022	1.182	1.841	1.872
Ca3181	318.128 {1	In2306	Cts/S	0.3702	0.0113	3.061	0.3783	0.3622
Cd2288	228.802 {4	Y_2243	Cts/S	0.0491	0.002	4.035	0.0505	0.0477
Co2286	228.616 {4	In2306	Cts/S	0.0777	0.0027	3.523	0.0797	0.0758
Cr2677	267.716 {1	Y_3600	Cts/S	0.0128	0.0006	4.447	0.0132	0.0124
Cu3247	324.754 {1	Y_3600	Cts/S	0.0399	0.0015	3.67	0.0409	0.0389
Fe2404	240.488 {1	In2306	Cts/S	1.314	0.023	1.747	1.331	1.298
K_7664	766.490 { 4	Y_3710	Cts/S	0.1684	0.0038	2.245	0.1657	0.1711
K_7698	769.896 { 4	Y_3710	Cts/S	0.0893	0.0003	0.3184	0.0891	0.0895
Li6707	670.784 { 5	Y_3710	Cts/S	0.6486	0.0103	1.582	0.6414	0.6559
Mg2790	279.079 {1	Y_3710	Cts/S	0.0034	0	0.1453	0.0034	0.0034
Mn2576	257.610 {1	Y_3600	Cts/S	0.0871	0.0042	4.862	0.0901	0.0841
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0141	0.0005	3.846	0.0145	0.0137
Mo2020	202.030 {4	Y_2243	Cts/S	0.0354	0.0015	4.271	0.0365	0.0343
Na5895	589.592 { 5	Y_3710	Cts/S	0.5367	0.0078	1.452	0.5312	0.5422
Na8183	818.326 { 4	Y_3710	Cts/S	0.0123	0.0003	2.712	0.0125	0.012
Ni2316	231.604 {4	In2306	Cts/S	0.0418	0.0017	4.008	0.043	0.0406
P_1782	178.284 {4	In2306	Cts/S	0.0059	0.0002	3.737	0.0061	0.0058
Pb2203	220.353 {4	In2306	Cts/S	0.0134	0.0006	4.177	0.0138	0.013
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	8.343	-0.0004	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0056	0.0002	4.002	0.0058	0.0055
Se1960	196.090 {4	Y_2243	Cts/S	0.0043	0.0001	2.901	0.0044	0.0042
Si2516	251.611 {1	Y_3710	Cts/S	0.0013	0.0001	9.199	0.0012	0.0013
Sn1899	189.989 {4	In2306	Cts/S	0.0194	0.0008	4.376	0.02	0.0188
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2636	0.0003	0.095	0.2634	0.2638
Ti3349	334.904 {1	Y_3600	Cts/S	0.0201	0.0009	4.363	0.0207	0.0194
Tl1908	190.856 {4	In2306	Cts/S	0.0061	0.0004	6.934	0.0064	0.0058
V_2924	292.402 {1	Y_3600	Cts/S	0.0173	0.0007	3.928	0.0178	0.0168
Zn2062	206.200 {4	In2306	Cts/S	0.0882	0.0037	4.218	0.0908	0.0855

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	65.805	0.61608	0.93623	66.241	65.369
In2306	230.606 {4	Cts/S	10076	99.74	0.98992	10005	10146

Y_2243	224.306 {4	Cts/S	12597	106.73	0.84728	12521	12672
Y_3600	360.073 { 9	Cts/S	47804	1872	3.916	46481	49128
Y_3710	371.030 { 9	Cts/S	8916.9	28.786	0.32282	8937.3	8896.6

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:10:48
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0189	0.0001	0.5773	0.019	0.0188
Al3082	308.215 {1	In2306	Cts/S	1.763	0.0485	2.751	1.729	1.797
As1890	189.042 {4	Y_2243	Cts/S	0.0138	0	0.0585	0.0138	0.0138
B_2496	249.678 {1	Y_3710	Cts/S	0.0043	0.0004	9.525	0.004	0.0046
Ba4554	455.403 { 7	Y_3710	Cts/S	0.919	0.0043	0.4722	0.9221	0.916
Be3130	313.042 {1	Y_3710	Cts/S	0.2676	0.0008	0.2887	0.2681	0.267
Ca3158	315.887 {1	In2306	Cts/S	3.861	0.1704	4.412	3.741	3.982
Ca3181	318.128 {1	In2306	Cts/S	0.865	0.0182	2.11	0.8779	0.8521
Cd2288	228.802 {4	Y_2243	Cts/S	0.1013	0.0003	0.2681	0.1012	0.1015
Co2286	228.616 {4	In2306	Cts/S	0.162	0.0001	0.0636	0.1621	0.1619
Cr2677	267.716 {1	Y_3600	Cts/S	0.0254	0	0.0318	0.0254	0.0254
Cu3247	324.754 {1	Y_3600	Cts/S	0.0721	0.0003	0.4673	0.0719	0.0723
Fe2404	240.488 {1	In2306	Cts/S	2.657	0.0744	2.8	2.604	2.709
K_7664	766.490 { 4	Y_3710	Cts/S	0.3502	0.0137	3.905	0.3599	0.3405
K_7698	769.896 { 4	Y_3710	Cts/S	0.165	0.0048	2.933	0.1684	0.1615
Li6707	670.784 { 5	Y_3710	Cts/S	1.37	0.0621	4.532	1.414	1.327
Mg2790	279.079 {1	Y_3710	Cts/S	0.0069	0.0001	1.79	0.007	0.0068
Mn2576	257.610 {1	Y_3600	Cts/S	0.1744	0.001	0.5512	0.1751	0.1737
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0286	0	0.1663	0.0286	0.0287
Mo2020	202.030 {4	Y_2243	Cts/S	0.0734	0.0001	0.1157	0.0735	0.0733
Na5895	589.592 { 5	Y_3710	Cts/S	1.101	0.0473	4.296	1.135	1.068
Na8183	818.326 { 4	Y_3710	Cts/S	0.0332	0.0003	1.049	0.033	0.0335
Ni2316	231.604 {4	In2306	Cts/S	0.087	0.0005	0.6218	0.0873	0.0866
P_1782	178.284 {4	In2306	Cts/S	0.0123	0.0001	0.4169	0.0123	0.0122
Pb2203	220.353 {4	In2306	Cts/S	0.0278	0	0.1306	0.0278	0.0278
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.749	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0118	0.0001	0.9908	0.0117	0.0119
Se1960	196.090 {4	Y_2243	Cts/S	0.0089	0	0.2797	0.0089	0.0089
Si2516	251.611 {1	Y_3710	Cts/S	0.0021	0.0001	4.599	0.0022	0.0021
Sn1899	189.989 {4	In2306	Cts/S	0.041	0.0001	0.2194	0.041	0.0409
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5334	0.0022	0.411	0.5349	0.5318
Ti3349	334.904 {1	Y_3600	Cts/S	0.0401	0.0003	0.6373	0.0403	0.0399
Tl1908	190.856 {4	In2306	Cts/S	0.0136	0.0002	1.208	0.0137	0.0135
V_2924	292.402 {1	Y_3600	Cts/S	0.0359	0.0001	0.1419	0.036	0.0359
Zn2062	206.200 {4	In2306	Cts/S	0.1832	0.001	0.5188	0.1839	0.1825

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.865	0.88185	1.4028	63.489	62.242

In2306	230.606 {4	Cts/S	9819.9	16.796	0.17104	9831.7	9808
Y_2243	224.306 {4	Cts/S	12399	39.057	0.31499	12427	12372
Y_3600	360.073 { 9	Cts/S	47836	67.503	0.14111	47788	47884
Y_3710	371.030 { 9	Cts/S	8774.6	53.921	0.61451	8736.5	8812.7

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:13:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0381	0	0.1252	0.038	0.0381
Al3082	308.215 {1	In2306	Cts/S	3.258	0.1153	3.539	3.177	3.34
As1890	189.042 {4	Y_2243	Cts/S	0.0277	0.0002	0.731	0.0278	0.0275
B_2496	249.678 {1	Y_3710	Cts/S	0.0086	0	0.1286	0.0086	0.0086
Ba4554	455.403 { 7	Y_3710	Cts/S	1.833	0.0007	0.0408	1.832	1.833
Be3130	313.042 {1	Y_3710	Cts/S	0.5439	0.0008	0.1401	0.5444	0.5434
Ca3158	315.887 {1	In2306	Cts/S	7.742	0.1392	1.798	7.644	7.841
Ca3181	318.128 {1	In2306	Cts/S	1.707	0.0012	0.0714	1.706	1.707
Cd2288	228.802 {4	Y_2243	Cts/S	0.2023	0.0004	0.1853	0.2021	0.2026
Co2286	228.616 {4	In2306	Cts/S	0.3262	0.0001	0.0171	0.3262	0.3261
Cr2677	267.716 {1	Y_3600	Cts/S	0.0512	0	0.0595	0.0512	0.0513
Cu3247	324.754 {1	Y_3600	Cts/S	0.138	0.0001	0.0852	0.1379	0.1381
Fe2404	240.488 {1	In2306	Cts/S	5.161	0.1179	2.285	5.078	5.244
K_7664	766.490 { 4	Y_3710	Cts/S	0.7036	0.0124	1.766	0.6948	0.7124
K_7698	769.896 { 4	Y_3710	Cts/S	0.3109	0.0056	1.808	0.3069	0.3149
Li6707	670.784 { 5	Y_3710	Cts/S	2.731	0.0603	2.207	2.689	2.774
Mg2790	279.079 {1	Y_3710	Cts/S	0.0134	0	0.0025	0.0134	0.0134
Mn2576	257.610 {1	Y_3600	Cts/S	0.3455	0.0015	0.4294	0.3466	0.3445
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0573	0.0002	0.385	0.0575	0.0572
Mo2020	202.030 {4	Y_2243	Cts/S	0.1457	0.0001	0.0897	0.1458	0.1456
Na5895	589.592 { 5	Y_3710	Cts/S	2.181	0.0439	2.012	2.15	2.212
Na8183	818.326 { 4	Y_3710	Cts/S	0.068	0.0001	0.1702	0.0679	0.0681
Ni2316	231.604 {4	In2306	Cts/S	0.1746	0.0003	0.1501	0.1748	0.1744
P_1782	178.284 {4	In2306	Cts/S	0.025	0.0001	0.2948	0.0251	0.025
Pb2203	220.353 {4	In2306	Cts/S	0.0558	0.0002	0.3532	0.0559	0.0557
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.98	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0239	0.0001	0.3856	0.0238	0.0239
Se1960	196.090 {4	Y_2243	Cts/S	0.0179	0	0.2048	0.0178	0.0179
Si2516	251.611 {1	Y_3710	Cts/S	0.0043	0.0001	3.461	0.0041	0.0044
Sn1899	189.989 {4	In2306	Cts/S	0.0822	0	0.0265	0.0822	0.0822
Sr4215	421.552 { 8	Y_3710	Cts/S	1.07	0.0039	0.3617	1.067	1.072
Ti3349	334.904 {1	Y_3600	Cts/S	0.081	0	0.0262	0.0811	0.081
Tl1908	190.856 {4	In2306	Cts/S	0.0278	0.0003	1.139	0.0281	0.0276
V_2924	292.402 {1	Y_3600	Cts/S	0.0749	0.0002	0.2037	0.075	0.0747
Zn2062	206.200 {4	In2306	Cts/S	0.3705	0.0016	0.4449	0.3717	0.3693

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	64.249	1.5521	2.4158	65.346	63.151
In2306	230.606 {4	Cts/S	9647	41.93	0.43465	9676.6	9617.3
Y_2243	224.306 {4	Cts/S	12399	66.561	0.53683	12446	12352
Y_3600	360.073 { 9	Cts/S	48009	47.588	0.09912	47975	48043
Y_3710	371.030 { 9	Cts/S	8669.3	11.126	0.12834	8677.2	8661.5

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:15:44
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0768	0	0.0496	0.0768	0.0767
Al3082	308.215 {1	In2306	Cts/S	6.584	0.0489	0.743	6.549	6.619
As1890	189.042 {4	Y_2243	Cts/S	0.0556	0.0001	0.1246	0.0555	0.0556
B_2496	249.678 {1	Y_3710	Cts/S	0.017	0.0002	1.058	0.0169	0.0171
Ba4554	455.403 { 7	Y_3710	Cts/S	3.723	0.0104	0.2798	3.716	3.73
Be3130	313.042 {1	Y_3710	Cts/S	1.095	0.0009	0.0835	1.094	1.095
Ca3158	315.887 {1	In2306	Cts/S	16.33	0.0324	0.1985	16.3	16.35
Ca3181	318.128 {1	In2306	Cts/S	3.611	0.0023	0.063	3.613	3.61
Cd2288	228.802 {4	Y_2243	Cts/S	0.4025	0.0004	0.0976	0.4027	0.4022
Co2286	228.616 {4	In2306	Cts/S	0.6606	0.0018	0.2794	0.6619	0.6593
Cr2677	267.716 {1	Y_3600	Cts/S	0.1032	0.0001	0.0667	0.1033	0.1032
Cu3247	324.754 {1	Y_3600	Cts/S	0.2741	0.0004	0.148	0.2744	0.2739
Fe2404	240.488 {1	In2306	Cts/S	10.62	0.0186	0.1754	10.61	10.64
K_7664	766.490 { 4	Y_3710	Cts/S	1.423	0.0232	1.632	1.407	1.44
K_7698	769.896 { 4	Y_3710	Cts/S	0.6084	0.0071	1.166	0.6034	0.6134
Li6707	670.784 { 5	Y_3710	Cts/S	5.573	0.0913	1.638	5.509	5.638
Mg2790	279.079 {1	Y_3710	Cts/S	0.0277	0.0002	0.6589	0.0276	0.0278
Mn2576	257.610 {1	Y_3600	Cts/S	0.6947	0.0016	0.2298	0.6958	0.6936
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1146	0.0003	0.2541	0.1144	0.1149
Mo2020	202.030 {4	Y_2243	Cts/S	0.2873	0.0002	0.0763	0.2875	0.2872
Na5895	589.592 { 5	Y_3710	Cts/S	4.396	0.0597	1.358	4.354	4.439
Na8183	818.326 { 4	Y_3710	Cts/S	0.1477	0.0001	0.0545	0.1477	0.1478
Ni2316	231.604 {4	In2306	Cts/S	0.3522	0.0005	0.1323	0.3525	0.3518
P_1782	178.284 {4	In2306	Cts/S	0.0513	0.0002	0.3592	0.0511	0.0514
Pb2203	220.353 {4	In2306	Cts/S	0.113	0.0001	0.1031	0.1131	0.1129
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	5.119	-0.0004	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0479	0.0001	0.1476	0.0479	0.0478
Se1960	196.090 {4	Y_2243	Cts/S	0.0357	0.0001	0.23	0.0358	0.0357
Si2516	251.611 {1	Y_3710	Cts/S	0.0086	0.0003	3.55	0.0084	0.0089
Sn1899	189.989 {4	In2306	Cts/S	0.1674	0.0007	0.4036	0.1679	0.167
Sr4215	421.552 { 8	Y_3710	Cts/S	2.151	0.007	0.3276	2.146	2.156
Ti3349	334.904 {1	Y_3600	Cts/S	0.1648	0.0002	0.1492	0.165	0.1646
Tl1908	190.856 {4	In2306	Cts/S	0.0564	0.0005	0.9717	0.0568	0.056
V_2924	292.402 {1	Y_3600	Cts/S	0.1532	0.0006	0.3721	0.1528	0.1536
Zn2062	206.200 {4	In2306	Cts/S	0.755	0.0034	0.4495	0.7574	0.7526

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.511	0.42824	0.69621	61.813	61.208
In2306	230.606 {4	Cts/S	9401.5	1.7123	0.01821	9400.2	9402.7
Y_2243	224.306 {4	Cts/S	12386	32.591	0.26314	12409	12363
Y_3600	360.073 { 9	Cts/S	47863	184.56	0.38561	47732	47993
Y_3710	371.030 { 9	Cts/S	8608.4	17.315	0.20115	8620.7	8596.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:18:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1543	0.0005	0.3306	0.1547	0.154
Al3082	308.215 {1	In2306	Cts/S	12.6	0.4178	3.317	12.3	12.89
As1890	189.042 {4	Y_2243	Cts/S	0.1119	0.0001	0.0596	0.1119	0.1118
B_2496	249.678 {1	Y_3710	Cts/S	0.0344	0.0002	0.4817	0.0342	0.0345
Ba4554	455.403 { 7	Y_3710	Cts/S	7.452	0.0159	0.213	7.441	7.463
Be3130	313.042 {1	Y_3710	Cts/S	2.181	0.0025	0.1156	2.183	2.179
Ca3158	315.887 {1	In2306	Cts/S	31.57	0.8041	2.547	31	32.14
Ca3181	318.128 {1	In2306	Cts/S	6.913	0.1688	2.442	6.793	7.032
Cd2288	228.802 {4	Y_2243	Cts/S	0.8044	0.0006	0.0737	0.8048	0.804
Co2286	228.616 {4	In2306	Cts/S	1.327	0.0022	0.1682	1.328	1.325
Cr2677	267.716 {1	Y_3600	Cts/S	0.2024	0.0007	0.325	0.2029	0.202
Cu3247	324.754 {1	Y_3600	Cts/S	0.5489	0.001	0.1876	0.5497	0.5482
Fe2404	240.488 {1	In2306	Cts/S	20.57	0.5876	2.857	20.16	20.99
K_7664	766.490 { 4	Y_3710	Cts/S	2.766	0.0051	0.1829	2.762	2.769
K_7698	769.896 { 4	Y_3710	Cts/S	1.176	0.0033	0.2772	1.174	1.178
Li6707	670.784 { 5	Y_3710	Cts/S	10.95	0.0359	0.3274	10.93	10.98
Mg2790	279.079 {1	Y_3710	Cts/S	0.0554	0.0004	0.7293	0.0557	0.0551
Mn2576	257.610 {1	Y_3600	Cts/S	1.369	0.0029	0.2115	1.371	1.366
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2286	0.0011	0.4967	0.2294	0.2278
Mo2020	202.030 {4	Y_2243	Cts/S	0.5686	0.0009	0.1516	0.5692	0.568
Na5895	589.592 { 5	Y_3710	Cts/S	8.571	0.0262	0.3062	8.552	8.589
Na8183	818.326 { 4	Y_3710	Cts/S	0.295	0.0017	0.5855	0.2938	0.2962
Ni2316	231.604 {4	In2306	Cts/S	0.7058	0.0013	0.1779	0.7067	0.7049
P_1782	178.284 {4	In2306	Cts/S	0.1053	0.0001	0.1315	0.1054	0.1052
Pb2203	220.353 {4	In2306	Cts/S	0.2251	0.0005	0.2251	0.2255	0.2247
Sb2068	206.833 {4	Y_2243	Cts/S	0.0965	0	0.0493	0.0965	0.0965
Se1960	196.090 {4	Y_2243	Cts/S	0.072	0	0.0574	0.072	0.0719
Si2516	251.611 {1	Y_3710	Cts/S	0.0176	0.0004	2.099	0.0173	0.0179
Sn1899	189.989 {4	In2306	Cts/S	0.3356	0.0005	0.1582	0.3359	0.3352
Sr4215	421.552 { 8	Y_3710	Cts/S	4.287	0	0.0011	4.287	4.287
Ti3349	334.904 {1	Y_3600	Cts/S	0.3267	0.0011	0.3444	0.3275	0.3259
Tl1908	190.856 {4	In2306	Cts/S	0.1121	0.0011	0.9862	0.1129	0.1114
V_2924	292.402 {1	Y_3600	Cts/S	0.3044	0.0005	0.1712	0.3047	0.304
Zn2062	206.200 {4	In2306	Cts/S	1.517	0.0047	0.3095	1.521	1.514

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.26	2.0948	3.3113	64.741	61.779
In2306	230.606 {4	Cts/S	9016.8	2.2153	0.02457	9018.3	9015.2
Y_2243	224.306 {4	Cts/S	12125	9.7085	0.08007	12132	12118
Y_3600	360.073 { 9	Cts/S	48185	90.6	0.18802	48121	48249
Y_3710	371.030 { 9	Cts/S	8555.8	4.1696	0.04873	8552.8	8558.7

[Sample Header]
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SampleName=ICV 775456
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:20:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2408	0.0004	0.1665	0.2411	0.2405
Al3082	308.215 {1	In2306	ppm	2.414	0.0597	2.475	2.372	2.456
As1890	189.042 {4	Y_2243	ppm	0.4856	0.0015	0.3135	0.4867	0.4846
B_2496	249.678 {1	Y_3710	ppm	0.5015	0.0026	0.5279	0.4997	0.5034
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0025	0.5278	0.4797	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4936	0.0006	0.1287	0.4932	0.4941
Ca3158	315.887 {1	In2306	ppm	12.03	0.0397	0.3301	12.06	12
Ca3181	318.128 {1	In2306	ppm	12.02	0.0089	0.0741	12.01	12.03
Cd2288	228.802 {4	Y_2243	ppm	0.4883	0.0003	0.065	0.4881	0.4885
Co2286	228.616 {4	In2306	ppm	0.4914	0.0005	0.1011	0.4911	0.4918
Cr2677	267.716 {1	Y_3600	ppm	0.483	0.0021	0.4327	0.4845	0.4815
Cu3247	324.754 {1	Y_3600	ppm	0.4828	0.0012	0.2563	0.4836	0.4819
Fe2404	240.488 {1	In2306	ppm	2.432	0.0407	1.671	2.403	2.461
K_7664	766.490 { 4	Y_3710	ppm	12.54	0.503	4.01	12.19	12.9
K_7698	769.896 { 4	Y_3710	ppm	12.67	0.5447	4.3	12.28	13.05
Li6707	670.784 { 5	Y_3710	ppm	0.5003	0.022	4.4	0.4847	0.5158
Mg2790	279.079 {1	Y_3710	ppm	4.823	0.0306	0.6334	4.845	4.802
Mn2576	257.610 {1	Y_3600	ppm	0.4801	0.0006	0.1342	0.4805	0.4796
Mn2576-2	257.610 {1	Y_3710	ppm	0.4785	0.0039	0.8155	0.4812	0.4757
Mo2020	202.030 {4	Y_2243	ppm	0.4991	0.0004	0.0754	0.4989	0.4994
Na5895	589.592 { 5	Y_3710	ppm	12.53	0.5603	4.472	12.13	12.93
Na8183	818.326 { 4	Y_3710	ppm	12.27	0.2991	2.438	12.06	12.48
Ni2316	231.604 {4	In2306	ppm	0.4834	0.0005	0.1053	0.4831	0.4838
P_1782	178.284 {4	In2306	ppm	0.0007	0.0005	66.18	0.0004	0.0011
Pb2203	220.353 {4	In2306	ppm	0.4843	0.0012	0.2502	0.4851	0.4834
S_1820	182.034 {4	Y_2243	ppm	-42.91	0.2039	0.4753	-43.05	-42.76
Sb2068	206.833 {4	Y_2243	ppm	0.491	0.0023	0.4593	0.4894	0.4926
Se1960	196.090 {4	Y_2243	ppm	0.4902	0.0017	0.3397	0.4914	0.489
Si2516	251.611 {1	Y_3710	ppm	0.8283	0.0267	3.22	0.8094	0.8471
Sn1899	189.989 {4	In2306	ppm	0.5006	0.0013	0.2664	0.4997	0.5016
Sr4215	421.552 { 8	Y_3710	ppm	0.2471	0.0014	0.5603	0.2461	0.2481
Ti3349	334.904 {1	Y_3600	ppm	0.4926	0.0017	0.3418	0.4937	0.4914
Tl1908	190.856 {4	In2306	ppm	0.4993	0.0032	0.6356	0.5016	0.4971
V_2924	292.402 {1	Y_3600	ppm	0.4906	0.0011	0.2333	0.4914	0.4898
Zn2062	206.200 {4	In2306	ppm	0.486	0.0006	0.1287	0.4865	0.4856

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.418	1.0969	1.7296	64.194	62.643
In2306	230.606 {4	Cts/S	9469.9	31.567	0.33334	9492.2	9447.6
Y_2243	224.306 {4	Cts/S	12347	36.971	0.29944	12373	12321
Y_3600	360.073 { 9	Cts/S	48295	325.65	0.6743	48065	48525
Y_3710	371.030 { 9	Cts/S	8641.8	51.746	0.59879	8678.4	8605.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0.0009	16.17	0.0048	0.006
Al3082	308.215 {1	In2306	ppm	0.0336	0.0028	8.453	0.0356	0.0316
As1890	189.042 {4	Y_2243	ppm	0.0086	0.001	11.03	0.008	0.0093
B_2496	249.678 {1	Y_3710	ppm	0.02	0.0071	35.55	0.0251	0.015
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0003	3.127	0.01	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.1048	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0856	0.0016	1.896	0.0867	0.0844
Ca3181	318.128 {1	In2306	ppm	0.1628	0.0232	14.27	0.1464	0.1792
Cd2288	228.802 {4	Y_2243	ppm	0.0052	0.0006	11.28	0.0048	0.0057
Co2286	228.616 {4	In2306	ppm	0.0101	0.0007	7.23	0.0096	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0002	2.33	0.0096	0.0099
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	1.05	0.0085	0.0086
Fe2404	240.488 {1	In2306	ppm	0.0879	0.0186	21.2	0.1011	0.0747
K_7664	766.490 { 4	Y_3710	ppm	0.611	0.0201	3.283	0.6252	0.5968
K_7698	769.896 { 4	Y_3710	ppm	0.3493	0.0019	0.5336	0.3507	0.348
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0002	1.6	0.0101	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.1402	0.0241	17.15	0.1572	0.1232
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.1548	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0105	0.0002	2.215	0.0103	0.0107
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.001	8.556	0.011	0.0124
Na5895	589.592 { 5	Y_3710	ppm	0.6328	0.0004	0.0564	0.6331	0.6326
Na8183	818.326 { 4	Y_3710	ppm	0.8201	0.0282	3.433	0.8002	0.84
Ni2316	231.604 {4	In2306	ppm	0.01	0.0002	1.701	0.0099	0.0101
P_1782	178.284 {4	In2306	ppm	0.0096	0.0005	5.079	0.0093	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0004	3.832	0.0093	0.0099
S_1820	182.034 {4	Y_2243	ppm	0.4397	0.0764	17.37	0.3857	0.4937
Sb2068	206.833 {4	Y_2243	ppm	0.019	0	0.0528	0.019	0.019
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0007	7.628	0.0091	0.0102
Si2516	251.611 {1	Y_3710	ppm	-0.0204	0.0112	54.94	-0.0125	-0.0283
Sn1899	189.989 {4	In2306	ppm	0.0099	0.0005	5.301	0.0095	0.0102
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.4509	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0	0.2011	0.0109	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0144	0.0017	11.84	0.0132	0.0156
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.7426	0.0096	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0087	0.0006	6.579	0.0083	0.0091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.729	0.31747	0.49046	64.505	64.954
In2306	230.606 {4	Cts/S	10077	9.4564	0.09385	10070	10083
Y_2243	224.306 {4	Cts/S	12589	28.166	0.22375	12569	12608
Y_3600	360.073 { 9	Cts/S	47074	224.04	0.47592	47233	46916
Y_3710	371.030 { 9	Cts/S	8761.7	13.12	0.14974	8752.4	8771

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0007	128.5	0.001	0
Al3082	308.215 {1	In2306	ppm	-0.0275	0.0503	183.1	0.0081	-0.0631
As1890	189.042 {4	Y_2243	ppm	0.0006	0	5.262	0.0006	0.0006
B_2496	249.678 {1	Y_3710	ppm	-0.0126	0.0002	1.794	-0.0128	-0.0124
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	33370	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	17.49	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0148	0.0126	84.98	-0.0059	-0.0237
Ca3181	318.128 {1	In2306	ppm	0.1315	0.1071	81.45	0.0558	0.2072
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	6751	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	9.98	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0005	87.26	-0.0002	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0	3.607	-0.0014	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0104	0.0102	98.1	-0.0176	-0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.004	0.0054	136.7	0.0001	0.0078
K_7698	769.896 { 4	Y_3710	ppm	0.0039	0.0131	339.7	-0.0054	0.0131
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	48.84	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0189	0.066	349	0.0656	-0.0278
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	18.8	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0005	67.91	0.001	0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0001	14.92	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0004	0.0056	1330	0.0036	-0.0044
Na8183	818.326 { 4	Y_3710	ppm	0.1429	0.0275	19.27	0.1234	0.1623
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.637	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0003	45.81	-0.0009	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0001	0	40.74	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	0.1259	0.0048	3.852	0.1293	0.1225
Sb2068	206.833 {4	Y_2243	ppm	0.0062	0.0001	1.435	0.0062	0.0061
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0011	148.4	0.0016	0
Si2516	251.611 {1	Y_3710	ppm	-0.0213	0.0178	83.41	-0.0339	-0.0087
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	590.9	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	97.84	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	276.7	-0.0004	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0005	0	7.64	0.0005	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0003	56.61	-0.0008	-0.0003

Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	101.8	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.605	2.4398	3.7765	66.33	62.879
In2306	230.606 {4	Cts/S	10060	8.8197	0.08767	10054	10066
Y_2243	224.306 {4	Cts/S	12539	21.434	0.17094	12523	12554
Y_3600	360.073 { 9	Cts/S	46334	16.882	0.03644	46323	46346
Y_3710	371.030 { 9	Cts/S	8545	39.434	0.46149	8517.1	8572.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0009	219.4	0.0002	-0.001
Al3082	308.215 {1	In2306	ppm	532.7	27.83	5.224	552.4	513
As1890	189.042 {4	Y_2243	ppm	0.0042	0.0013	31.94	0.0051	0.0032
B_2496	249.678 {1	Y_3710	ppm	-0.0061	0.0103	168.4	-0.0134	0.0012
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	5.543	0.0006	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	155.5	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	517.2	23.4	4.523	533.8	500.7
Ca3181	318.128 {1	In2306	ppm	522.7	23.88	4.568	539.6	505.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	37.28	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	34.33	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0002	9.81	0.0024	0.0021
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0002	10.36	0.0026	0.0022
Fe2404	240.488 {1	In2306	ppm	202.2	9.31	4.603	208.8	195.7
K_7664	766.490 { 4	Y_3710	ppm	0.0188	0.0004	2.336	0.0185	0.0191
K_7698	769.896 { 4	Y_3710	ppm	-0.2856	0.0219	7.658	-0.2701	-0.3011
Li6707	670.784 { 5	Y_3710	ppm	0.0072	0	0.4285	0.0072	0.0072
Mg2790	279.079 {1	Y_3710	ppm	586.1	1.649	0.2813	585	587.3
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0.0003	5.976	-0.0051	-0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0051	0	0.7956	-0.0051	-0.0051
Mo2020	202.030 {4	Y_2243	ppm	-0.0009	0.0002	23.93	-0.0011	-0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.0078	0.0001	0.6934	0.0078	0.0078
Na8183	818.326 { 4	Y_3710	ppm	0.9267	0.0561	6.058	0.9664	0.887
Ni2316	231.604 {4	In2306	ppm	0.0055	0.0003	4.575	0.0057	0.0054
P_1782	178.284 {4	In2306	ppm	0.003	0.0005	16.6	0.0034	0.0027
Pb2203	220.353 {4	In2306	ppm	-0.0141	0.0012	8.4	-0.0149	-0.0132
S_1820	182.034 {4	Y_2243	ppm	8.068	0.2631	3.261	8.254	7.882
Sb2068	206.833 {4	Y_2243	ppm	-0.0082	0.0001	1.207	-0.0083	-0.0081
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	34.43	0.0016	0.0027
Si2516	251.611 {1	Y_3710	ppm	-0.0228	0.0098	42.85	-0.0159	-0.0298
Sn1899	189.989 {4	In2306	ppm	0.001	0.0019	186.3	0.0023	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0022	0	1.558	0.0022	0.0021
Ti3349	334.904 {1	Y_3600	ppm	0.0033	0.0011	33.4	0.0041	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0085	0.0027	31.26	-0.0066	-0.0104

V_2924	292.402 {1	Y_3600	ppm	-0.0056	0	0.815	-0.0057	-0.0056
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0001	2.788	0.0031	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.045	2.8093	4.8398	56.058	60.031
In2306	230.606 {4	Cts/S	7206	19.693	0.27328	7219.9	7192.1
Y_2243	224.306 {4	Cts/S	10959	36.549	0.33349	10985	10934
Y_3600	360.073 { 9	Cts/S	46756	43.483	0.093	46726	46787
Y_3710	371.030 { 9	Cts/S	7500.8	1.588	0.02117	7499.7	7501.9

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5553	0.0028	0.498	0.5534	0.5573
Al3082	308.215 {1	In2306	ppm	564.5	13.17	2.334	573.8	555.2
As1890	189.042 {4	Y_2243	ppm	0.9922	0.0045	0.4511	0.9954	0.9891
B_2496	249.678 {1	Y_3710	ppm	1.137	0.0112	0.9824	1.145	1.129
Ba4554	455.403 { 7	Y_3710	ppm	1.102	0.0079	0.7184	1.108	1.096
Be3130	313.042 {1	Y_3710	ppm	0.5382	0.0019	0.3511	0.5395	0.5369
Ca3158	315.887 {1	In2306	ppm	536.5	3.535	0.6588	539	534
Ca3181	318.128 {1	In2306	ppm	543.3	2.739	0.5042	545.2	541.3
Cd2288	228.802 {4	Y_2243	ppm	0.5127	0.0008	0.1566	0.5132	0.5121
Co2286	228.616 {4	In2306	ppm	0.9918	0.003	0.3037	0.9939	0.9897
Cr2677	267.716 {1	Y_3600	ppm	0.9712	0.0055	0.5619	0.9673	0.975
Cu3247	324.754 {1	Y_3600	ppm	1.188	0.0067	0.5612	1.193	1.184
Fe2404	240.488 {1	In2306	ppm	215.5	2.137	0.9916	217	214
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.4206	3.691	11.69	11.1
K_7698	769.896 { 4	Y_3710	ppm	11.48	0.4159	3.623	11.77	11.19
Li6707	670.784 { 5	Y_3710	ppm	1.117	0.0479	4.283	1.151	1.084
Mg2790	279.079 {1	Y_3710	ppm	601.4	1.426	0.2371	602.4	600.4
Mn2576	257.610 {1	Y_3600	ppm	0.9679	0.0023	0.2377	0.9663	0.9695
Mn2576-2	257.610 {1	Y_3710	ppm	1.064	0	0.0038	1.064	1.064
Mo2020	202.030 {4	Y_2243	ppm	0.8985	0.0059	0.6522	0.9026	0.8944
Na5895	589.592 { 5	Y_3710	ppm	11.07	0.4132	3.731	11.37	10.78
Na8183	818.326 { 4	Y_3710	ppm	12.31	0.1946	1.581	12.45	12.17
Ni2316	231.604 {4	In2306	ppm	0.9739	0.0044	0.4513	0.977	0.9708
P_1782	178.284 {4	In2306	ppm	1.135	0.0035	0.3111	1.138	1.133
Pb2203	220.353 {4	In2306	ppm	0.939	0.0035	0.3772	0.9415	0.9365
S_1820	182.034 {4	Y_2243	ppm	8.506	0.1149	1.35	8.587	8.425
Sb2068	206.833 {4	Y_2243	ppm	0.9621	0.0064	0.6673	0.9667	0.9576
Se1960	196.090 {4	Y_2243	ppm	0.9837	0.0068	0.6918	0.9885	0.9789
Si2516	251.611 {1	Y_3710	ppm	1.006	0.0062	0.6125	1.001	1.01
Sn1899	189.989 {4	In2306	ppm	0.9902	0.0014	0.1453	0.9912	0.9892
Sr4215	421.552 { 8	Y_3710	ppm	0.5468	0.0048	0.8835	0.5502	0.5433
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0031	0.3044	1.02	1.024

Tl1908	190.856 {4	In2306	ppm	0.9213	0.0089	0.9652	0.9276	0.9151
V_2924	292.402 {1	Y_3600	ppm	1.002	0.0037	0.3665	0.9997	1.005
Zn2062	206.200 {4	In2306	ppm	1.007	0.0039	0.3908	1.01	1.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.157	1.0566	1.9157	54.41	55.904
In2306	230.606 {4	Cts/S	7085.3	1.6002	0.02259	7086.4	7084.2
Y_2243	224.306 {4	Cts/S	10862	2.0216	0.01861	10863	10860
Y_3600	360.073 { 9	Cts/S	46303	28.617	0.06181	46323	46283
Y_3710	371.030 { 9	Cts/S	7239.8	64.615	0.89249	7194.1	7285.5

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SampleName=CCV 769631
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:33:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0013	0.5364	0.2418	0.24
Al3082	308.215 {1	In2306	ppm	2.392	0.0088	0.3669	2.386	2.399
As1890	189.042 {4	Y_2243	ppm	0.4839	0.0011	0.2318	0.4831	0.4847
B_2496	249.678 {1	Y_3710	ppm	0.481	0.005	1.046	0.4845	0.4774
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0004	0.0734	0.4818	0.4813
Be3130	313.042 {1	Y_3710	ppm	0.4944	0.0007	0.1425	0.4939	0.4949
Ca3158	315.887 {1	In2306	ppm	11.82	0.0227	0.1918	11.83	11.8
Ca3181	318.128 {1	In2306	ppm	11.91	0.1149	0.9643	12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.488	0.0006	0.114	0.4884	0.4876
Co2286	228.616 {4	In2306	ppm	0.489	0.001	0.209	0.4883	0.4897
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0003	0.0632	0.4927	0.4931
Cu3247	324.754 {1	Y_3600	ppm	0.4869	0.0001	0.0265	0.4868	0.487
Fe2404	240.488 {1	In2306	ppm	2.348	0.0147	0.627	2.358	2.338
K_7664	766.490 { 4	Y_3710	ppm	12.71	0.0419	0.3299	12.74	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.85	0.0932	0.7251	12.91	12.78
Li6707	670.784 { 5	Y_3710	ppm	0.5011	0.0052	1.028	0.5047	0.4974
Mg2790	279.079 {1	Y_3710	ppm	4.857	0.0321	0.6617	4.834	4.88
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0019	0.3998	0.4831	0.4804
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.002	0.4246	0.469	0.4718
Mo2020	202.030 {4	Y_2243	ppm	0.4957	0.0022	0.4425	0.4941	0.4972
Na5895	589.592 { 5	Y_3710	ppm	12.57	0.0841	0.6691	12.63	12.51
Na8183	818.326 { 4	Y_3710	ppm	12.41	0.0424	0.3415	12.44	12.38
Ni2316	231.604 {4	In2306	ppm	0.4818	0.0011	0.2348	0.481	0.4826
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	124.5	0	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.4832	0.0024	0.5041	0.4814	0.4849
S_1820	182.034 {4	Y_2243	ppm	-42.65	0.1844	0.4322	-42.78	-42.52
Sb2068	206.833 {4	Y_2243	ppm	0.4999	0.0012	0.2428	0.5008	0.499
Se1960	196.090 {4	Y_2243	ppm	0.4904	0.0007	0.1518	0.4899	0.4909
Si2516	251.611 {1	Y_3710	ppm	0.7961	0.0257	3.234	0.7779	0.8143
Sn1899	189.989 {4	In2306	ppm	0.4963	0.0008	0.1624	0.4957	0.4969
Sr4215	421.552 { 8	Y_3710	ppm	0.2455	0.0002	0.0641	0.2456	0.2454

Ti3349	334.904 {1	Y_3600	ppm	0.5023	0.0001	0.0177	0.5024	0.5023
Tl1908	190.856 {4	In2306	ppm	0.4964	0.0025	0.5113	0.4982	0.4946
V_2924	292.402 {1	Y_3600	ppm	0.5009	0.0008	0.1504	0.5015	0.5004
Zn2062	206.200 {4	In2306	ppm	0.4837	0.0014	0.2841	0.4827	0.4847

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.118	0.58578	0.9136	63.704	64.532
In2306	230.606 {4	Cts/S	9486.2	18.503	0.19505	9499.3	9473.1
Y_2243	224.306 {4	Cts/S	12368	17.854	0.14435	12381	12355
Y_3600	360.073 { 9	Cts/S	47934	110.31	0.23013	47856	48012
Y_3710	371.030 { 9	Cts/S	8562.8	18.969	0.22153	8549.3	8576.2

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:35:36
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0005	8.826	0.0049	0.0055
Al3082	308.215 {1	In2306	ppm	0.0562	0.0047	8.41	0.0595	0.0528
As1890	189.042 {4	Y_2243	ppm	0.0089	0.0011	11.92	0.0082	0.0097
B_2496	249.678 {1	Y_3710	ppm	0.0076	0.0047	61.46	0.0043	0.0109
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	0.7953	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.841	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0895	0.015	16.74	0.0789	0.1001
Ca3181	318.128 {1	In2306	ppm	0.2004	0.0748	37.32	0.2533	0.1475
Cd2288	228.802 {4	Y_2243	ppm	0.0053	0.0007	13.54	0.0048	0.0058
Co2286	228.616 {4	In2306	ppm	0.0102	0.0007	6.479	0.0098	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0092	0.0003	2.83	0.0094	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.0095	0.0004	4.034	0.0098	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0933	0.011	11.83	0.1011	0.0855
K_7664	766.490 { 4	Y_3710	ppm	0.6082	0.0105	1.722	0.6156	0.6008
K_7698	769.896 { 4	Y_3710	ppm	0.3381	0.0241	7.126	0.3552	0.3211
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0006	6.119	0.01	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.0658	0.0322	48.97	0.0886	0.043
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2014	0.0101	0.01
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0018	19.76	0.008	0.0106
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0013	11.15	0.0108	0.0126
Na5895	589.592 { 5	Y_3710	ppm	0.6293	0.0145	2.308	0.6396	0.619
Na8183	818.326 { 4	Y_3710	ppm	0.6835	0.0864	12.64	0.7446	0.6224
Ni2316	231.604 {4	In2306	ppm	0.0104	0.0009	9.065	0.0097	0.011
P_1782	178.284 {4	In2306	ppm	0.0103	0.001	9.424	0.0096	0.011
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0001	1.105	0.0097	0.0095
S_1820	182.034 {4	Y_2243	ppm	0.3901	0.0413	10.58	0.4193	0.3609
Sb2068	206.833 {4	Y_2243	ppm	0.0204	0.0017	8.54	0.0192	0.0216
Se1960	196.090 {4	Y_2243	ppm	0.0093	0.0007	7.205	0.0089	0.0098
Si2516	251.611 {1	Y_3710	ppm	-0.0151	0.0153	101.1	-0.0043	-0.0259
Sn1899	189.989 {4	In2306	ppm	0.0102	0.0012	12.03	0.0093	0.011

Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.208	0.0047	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0104	0.0002	1.637	0.0105	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0138	0.0029	20.78	0.0117	0.0158
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0004	4.459	0.0103	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0007	8.399	0.0083	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.628	0.28483	0.44764	63.83	63.427
In2306	230.606 {4	Cts/S	10068	14.516	0.14417	10058	10079
Y_2243	224.306 {4	Cts/S	12550	18.902	0.15061	12537	12564
Y_3600	360.073 { 9	Cts/S	47109	27.77	0.05895	47090	47129
Y_3710	371.030 { 9	Cts/S	8748.9	55.086	0.62964	8709.9	8787.8

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	78.69	0.0004	0.0001
Al3082	308.215 {1	In2306	ppm	0.0034	0.0314	918.5	-0.0188	0.0256
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0006	43.01	-0.0009	-0.0017
B_2496	249.678 {1	Y_3710	ppm	-0.0026	0.0056	211.7	0.0013	-0.0066
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0002	244.1	-0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	36.78	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0172	0.0038	22.25	0.0199	0.0145
Ca3181	318.128 {1	In2306	ppm	0.1014	0.1499	147.9	0.2073	-0.0046
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	86.01	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	117.6	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	366.1	0.0002	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0001	38.7	-0.0004	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0107	0.0025	23.57	-0.0124	-0.0089
K_7664	766.490 { 4	Y_3710	ppm	0.0035	0.0055	157.5	-0.0004	0.0073
K_7698	769.896 { 4	Y_3710	ppm	-0.0078	0.0101	129.5	-0.0007	-0.015
Li6707	670.784 { 5	Y_3710	ppm	0	0	81.1	0	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0104	0.012	115.6	-0.0188	-0.0019
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	106	0	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0004	134	0	-0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	27.14	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0031	0.0002	5.408	0.003	0.0032
Na8183	818.326 { 4	Y_3710	ppm	0.0127	0.0632	495.9	0.0574	-0.032
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0004	174.3	0	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0006	1086	0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	71.65	-0.0001	-0.0003
S_1820	182.034 {4	Y_2243	ppm	0.2282	0.0154	6.754	0.2173	0.2391
Sb2068	206.833 {4	Y_2243	ppm	0.0032	0.0014	44.11	0.0022	0.0041
Se1960	196.090 {4	Y_2243	ppm	-0.0023	0.0004	19.28	-0.0026	-0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.0059	0.0178	302.2	-0.0184	0.0067

Sn1899	189.989 {4	In2306	ppm	0	0.0004	15400	-0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	28.57	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	253.4	-0.0003	0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0016	1474	0.001	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	2363	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0	0.0001	261.4	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.892	0.39042	0.62077	62.616	63.168
In2306	230.606 {4	Cts/S	10066	17.364	0.1725	10054	10079
Y_2243	224.306 {4	Cts/S	12552	40.016	0.3188	12524	12580
Y_3600	360.073 { 9	Cts/S	46252	326.83	0.70662	46483	46021
Y_3710	371.030 { 9	Cts/S	8484.9	52.547	0.61929	8447.8	8522.1

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:40:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	391.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.057	0.053	92.89	-0.0196	-0.0945
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	6.156	-0.0011	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0062	0.0052	84.84	-0.0098	-0.0025
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	12.09	0.0008	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	206.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0052	0.0008	15.26	-0.0047	-0.0058
Ca3181	318.128 {1	In2306	ppm	0.0808	0.0405	50.1	0.0522	0.1094
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	49.08	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	1.449	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	134.5	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0001	6.06	-0.0013	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0142	0.0129	90.65	-0.0233	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	0.0088	0.0124	141.2	0.0176	0
K_7698	769.896 { 4	Y_3710	ppm	-0.2744	0.0096	3.496	-0.2812	-0.2677
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	134.7	0	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0445	0.0038	8.482	0.0471	0.0418
Mn2576	257.610 {1	Y_3600	ppm	0	0	153.5	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0007	917.2	0.0005	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	235.7	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0088	0.0001	1.096	0.0089	0.0087
Na8183	818.326 { 4	Y_3710	ppm	0.1917	0.0299	15.57	0.2128	0.1706
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	105.7	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0001	54.14	-0.0004	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0014	238.5	0.0016	-0.0004
S_1820	182.034 {4	Y_2243	ppm	0.4324	0.0896	20.72	0.4957	0.369
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0004	22.5	0.0023	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0003	36.59	0.001	0.0006

Si2516	251.611 {1	Y_3710	ppm	-0.0295	0.0177	59.87	-0.017	-0.042
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	84.28	-0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	34.14	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0004	50.51	-0.0005	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0003	42.68	0.0006	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0001	0	27.01	0.0001	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	4.67	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.36	0.42095	0.66438	63.062	63.658
In2306	230.606 {4	Cts/S	10220	90.878	0.88918	10156	10285
Y_2243	224.306 {4	Cts/S	12813	111.1	0.8671	12734	12891
Y_3600	360.073 { 9	Cts/S	46608	36.843	0.07905	46582	46634
Y_3710	371.030 { 9	Cts/S	8774.6	83.677	0.95363	8833.8	8715.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:43:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5045	0.0009	0.1709	0.5051	0.5038
Al3082	308.215 {1	In2306	ppm	10.53	0.1407	1.336	10.63	10.43
As1890	189.042 {4	Y_2243	ppm	0.9684	0.0165	1.704	0.9801	0.9567
B_2496	249.678 {1	Y_3710	ppm	1.001	0.0059	0.5915	1.005	0.9964
Ba4554	455.403 { 7	Y_3710	ppm	1.007	0.0067	0.6627	1.011	1.002
Be3130	313.042 {1	Y_3710	ppm	0.5087	0.0029	0.5691	0.5067	0.5108
Ca3158	315.887 {1	In2306	ppm	10.02	0.0019	0.0187	10.02	10.02
Ca3181	318.128 {1	In2306	ppm	10.17	0.0664	0.6526	10.22	10.13
Cd2288	228.802 {4	Y_2243	ppm	0.4899	0.0087	1.773	0.496	0.4838
Co2286	228.616 {4	In2306	ppm	0.9815	0.0188	1.915	0.9948	0.9682
Cr2677	267.716 {1	Y_3600	ppm	1.008	0	0.0024	1.008	1.008
Cu3247	324.754 {1	Y_3600	ppm	1.016	0.0023	0.2288	1.017	1.014
Fe2404	240.488 {1	In2306	ppm	10.16	0.0226	0.2222	10.14	10.18
K_7664	766.490 { 4	Y_3710	ppm	11.28	0.3345	2.966	11.51	11.04
K_7698	769.896 { 4	Y_3710	ppm	11.29	0.3423	3.031	11.53	11.05
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0211	3.781	0.5719	0.5421
Mg2790	279.079 {1	Y_3710	ppm	10.02	0.0327	0.3268	10.04	9.994
Mn2576	257.610 {1	Y_3600	ppm	0.9872	0.0013	0.1323	0.9863	0.9881
Mn2576-2	257.610 {1	Y_3710	ppm	0.9614	0.008	0.8287	0.9558	0.967
Mo2020	202.030 {4	Y_2243	ppm	0.9784	0.0186	1.903	0.9916	0.9652
Na5895	589.592 { 5	Y_3710	ppm	11.19	0.3587	3.206	11.44	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.43	0.1738	1.666	10.56	10.31
Ni2316	231.604 {4	In2306	ppm	0.9602	0.0177	1.843	0.9727	0.9477
P_1782	178.284 {4	In2306	ppm	-0.001	0.0004	41.89	-0.0012	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.9659	0.015	1.552	0.9765	0.9553
S_1820	182.034 {4	Y_2243	ppm	0.5453	0.157	28.79	0.6563	0.4343
Sb2068	206.833 {4	Y_2243	ppm	0.9568	0.0206	2.149	0.9714	0.9423

Se1960	196.090 {4	Y_2243	ppm	0.984	0.0093	0.9447	0.9906	0.9774
Si2516	251.611 {1	Y_3710	ppm	0.8632	0.0027	0.3134	0.8613	0.8651
Sn1899	189.989 {4	In2306	ppm	0.9861	0.0246	2.496	1.003	0.9687
Sr4215	421.552 { 8	Y_3710	ppm	0.5035	0.0028	0.5479	0.5055	0.5016
Ti3349	334.904 {1	Y_3600	ppm	1.025	0.0038	0.3677	1.022	1.027
Tl1908	190.856 {4	In2306	ppm	0.9719	0.0338	3.477	0.9958	0.948
V_2924	292.402 {1	Y_3600	ppm	1.032	0.0042	0.4114	1.029	1.035
Zn2062	206.200 {4	In2306	ppm	0.9634	0.0177	1.837	0.9759	0.9509

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.713	1.0293	1.7237	58.985	60.441
In2306	230.606 {4	Cts/S	9421.8	13.391	0.14213	9412.3	9431.2
Y_2243	224.306 {4	Cts/S	12350	8.3382	0.06752	12356	12344
Y_3600	360.073 { 9	Cts/S	47240	86.135	0.18233	47301	47179
Y_3710	371.030 { 9	Cts/S	8405.4	42.324	0.50354	8375.4	8435.3

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:45:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	124.3	0.0005	0
Al3082	308.215 {1	In2306	ppm	0.0516	0.0305	59	0.0732	0.0301
As1890	189.042 {4	Y_2243	ppm	0.003	0.002	65.48	0.0016	0.0044
B_2496	249.678 {1	Y_3710	ppm	0.1375	0.0031	2.288	0.1353	0.1398
Ba4554	455.403 { 7	Y_3710	ppm	0.0048	0.0004	7.569	0.0051	0.0045
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	5.53	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	3.876	0.225	5.805	3.717	4.035
Ca3181	318.128 {1	In2306	ppm	4.041	0.154	3.81	3.932	4.15
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0015	143.3	0	0.002
Co2286	228.616 {4	In2306	ppm	0.0018	0.0028	151	-0.0001	0.0038
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	1116	-0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0001	5.48	-0.0028	-0.0026
Fe2404	240.488 {1	In2306	ppm	-0.0129	0.011	85.56	-0.0207	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	4.102	0.0038	0.0938	4.099	4.105
K_7698	769.896 { 4	Y_3710	ppm	4.063	0.0444	1.092	4.095	4.032
Li6707	670.784 { 5	Y_3710	ppm	0.0024	0.0002	10.27	0.0022	0.0026
Mg2790	279.079 {1	Y_3710	ppm	0.3791	0.0724	19.1	0.4303	0.3279
Mn2576	257.610 {1	Y_3600	ppm	0.0204	0	0.0035	0.0204	0.0204
Mn2576-2	257.610 {1	Y_3710	ppm	0.0224	0.0019	8.471	0.0211	0.0238
Mo2020	202.030 {4	Y_2243	ppm	0.3031	0.0023	0.7725	0.3015	0.3048
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1876	2.588	0.1379	1878	1874
Ni2316	231.604 {4	In2306	ppm	0.0085	0.0033	38.93	0.0062	0.0109
P_1782	178.284 {4	In2306	ppm	0.016	0.0018	11.28	0.0173	0.0147
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0015	177.4	-0.0002	0.0019
S_1820	182.034 {4	Y_2243	ppm	-47210	45.68	0.0968	-47240	-47170

Sb2068	206.833 {4	Y_2243	ppm	0.0145	0.0002	1.16	0.0147	0.0144
Se1960	196.090 {4	Y_2243	ppm	0.004	0.0018	44.77	0.0027	0.0053
Si2516	251.611 {1	Y_3710	ppm	0.159	0.0047	2.926	0.1557	0.1623
Sn1899	189.989 {4	In2306	ppm	0.0037	0.0037	101.4	0.001	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	0.0201	0	0.2451	0.0201	0.0201
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	42	0.0004	0.0008
Tl1908	190.856 {4	In2306	ppm	0.006	0.0068	114.1	0.0011	0.0108
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0007	54.28	0.0008	0.0018
Zn2062	206.200 {4	In2306	ppm	0.0065	0.0033	50.85	0.0042	0.0089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.08	2.9996	5.1647	60.201	55.959
In2306	230.606 {4	Cts/S	6983.7	10.909	0.15621	6976	6991.4
Y_2243	224.306 {4	Cts/S	10453	21.058	0.20146	10438	10467
Y_3600	360.073 { 9	Cts/S	51125	89.266	0.1746	51062	51188
Y_3710	371.030 { 9	Cts/S	8184.3	37.811	0.46199	8157.6	8211.1

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	168.2	0	0.0002
Al3082	308.215 {1	In2306	ppm	0.224	0.0012	0.5328	0.2248	0.2231
As1890	189.042 {4	Y_2243	ppm	0.0134	0.0018	13.61	0.0147	0.0122
B_2496	249.678 {1	Y_3710	ppm	0.3233	0.0051	1.592	0.3197	0.327
Ba4554	455.403 { 7	Y_3710	ppm	0.1649	0.0014	0.8483	0.1659	0.1639
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	222.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	116.7	2.071	1.775	118.1	115.2
Ca3181	318.128 {1	In2306	ppm	117.5	1.984	1.688	118.9	116.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	125.4	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	109.3	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0.0003	3.535	0.0101	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0428	0.0005	1.277	0.0424	0.0432
Fe2404	240.488 {1	In2306	ppm	0.405	0.0312	7.713	0.4271	0.3829
K_7664	766.490 { 4	Y_3710	ppm	20.18	0.2653	1.314	20.37	19.99
K_7698	769.896 { 4	Y_3710	ppm	20.79	0.2464	1.185	20.96	20.62
Li6707	670.784 { 5	Y_3710	ppm	0.0241	0.0001	0.4982	0.0242	0.024
Mg2790	279.079 {1	Y_3710	ppm	13.36	0.0012	0.0093	13.36	13.36
Mn2576	257.610 {1	Y_3600	ppm	0.0274	0.0002	0.6897	0.0275	0.0273
Mn2576-2	257.610 {1	Y_3710	ppm	0.0291	0.0001	0.3201	0.0291	0.0292
Mo2020	202.030 {4	Y_2243	ppm	0.0166	0.0011	6.867	0.0158	0.0174
Na5895	589.592 { 5	Y_3710	ppm	262	6.119	2.335	266.3	257.7
Na8183	818.326 { 4	Y_3710	ppm	307	2.706	0.8811	309	305.1
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0001	0.8282	0.0114	0.0113
P_1782	178.284 {4	In2306	ppm	2.48	0.0116	0.4687	2.488	2.472
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0007	258.9	-0.0007	0.0002

S_1820	182.034 {4	Y_2243	ppm	-10970	80.75	0.7363	-10910	-11020
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0002	8.644	0.003	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0007	43.02	0.0011	0.002
Si2516	251.611 {1	Y_3710	ppm	8.353	0.0081	0.0966	8.347	8.359
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	44.98	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.8374	0.0027	0.3268	0.8394	0.8355
Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0005	16.08	0.0035	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	60.2	0.0012	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0064	0.0003	4.718	0.0062	0.0066
Zn2062	206.200 {4	In2306	ppm	0.0555	0.0004	0.6706	0.0553	0.0558

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.708	1.6044	2.687	58.574	60.843
In2306	230.606 {4	Cts/S	8043.2	6.713	0.08346	8038.5	8048
Y_2243	224.306 {4	Cts/S	11208	18.364	0.16384	11195	11221
Y_3600	360.073 { 9	Cts/S	49002	118.43	0.24167	49086	48919
Y_3710	371.030 { 9	Cts/S	8187.5	1.1868	0.0145	8188.3	8186.6

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Custom ID3=
Run Time=1/25/2012 8:51:19
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	11.67	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	0.2203	0.0364	16.53	0.246	0.1945
As1890	189.042 {4	Y_2243	ppm	0.0139	0.0006	4.252	0.0135	0.0144
B_2496	249.678 {1	Y_3710	ppm	0.3301	0.0023	0.6862	0.3285	0.3317
Ba4554	455.403 { 7	Y_3710	ppm	0.1767	0.0005	0.2558	0.1764	0.177
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	272.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	126.2	3.34	2.646	128.6	123.9
Ca3181	318.128 {1	In2306	ppm	126.6	2.974	2.349	128.7	124.5
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	115.8	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	27.39	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0002	2.319	0.0101	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0891	0.0003	0.3791	0.0893	0.0889
Fe2404	240.488 {1	In2306	ppm	0.3948	0.008	2.037	0.4005	0.3891
K_7664	766.490 { 4	Y_3710	ppm	21.33	0.0821	0.3848	21.27	21.38
K_7698	769.896 { 4	Y_3710	ppm	22.07	0.1376	0.6234	21.97	22.17
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.0004	1.787	0.0245	0.0251
Mg2790	279.079 {1	Y_3710	ppm	13.76	0.1569	1.141	13.87	13.65
Mn2576	257.610 {1	Y_3600	ppm	0.0323	0.0001	0.1808	0.0323	0.0324
Mn2576-2	257.610 {1	Y_3710	ppm	0.0324	0.0003	1.052	0.0326	0.0321
Mo2020	202.030 {4	Y_2243	ppm	0.0154	0.0001	0.9005	0.0153	0.0155
Na5895	589.592 { 5	Y_3710	ppm	268.8	2.508	0.933	270.6	267.1
Na8183	818.326 { 4	Y_3710	ppm	322.1	0.9215	0.2861	321.5	322.8
Ni2316	231.604 {4	In2306	ppm	0.0127	0.0001	1.08	0.0128	0.0126
P_1782	178.284 {4	In2306	ppm	2.503	0.0013	0.0505	2.504	2.502

Pb2203	220.353 {4	In2306	ppm	0.0016	0	2.663	0.0016	0.0017
S_1820	182.034 {4	Y_2243	ppm	-10680	12.26	0.1148	-10690	-10670
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0001	3.635	0.0016	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	41.3	0.0009	0.0017
Si2516	251.611 {1	Y_3710	ppm	8.472	0.014	0.1652	8.462	8.482
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	65.85	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.8796	0.0044	0.4966	0.8765	0.8827
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0001	2.089	0.0025	0.0026
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0001	6.538	0.002	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0062	0.0002	2.556	0.0061	0.0063
Zn2062	206.200 {4	In2306	ppm	0.1758	0.001	0.577	0.1765	0.1751

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.455	1.0081	1.7245	57.742	59.167
In2306	230.606 {4	Cts/S	8016.9	12.943	0.16144	8026.1	8007.8
Y_2243	224.306 {4	Cts/S	11166	35.539	0.31829	11191	11141
Y_3600	360.073 { 9	Cts/S	49282	93.122	0.18896	49216	49347
Y_3710	371.030 { 9	Cts/S	8220.2	62.052	0.75488	8264.1	8176.3

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0025	0.4859	0.5122	0.5158
Al3082	308.215 {1	In2306	ppm	10.78	0.2462	2.284	10.95	10.6
As1890	189.042 {4	Y_2243	ppm	1.055	0.0148	1.404	1.066	1.045
B_2496	249.678 {1	Y_3710	ppm	1.366	0.0078	0.5712	1.36	1.371
Ba4554	455.403 { 7	Y_3710	ppm	1.153	0.0035	0.2997	1.15	1.155
Be3130	313.042 {1	Y_3710	ppm	0.504	0.0004	0.0748	0.5043	0.5038
Ca3158	315.887 {1	In2306	ppm	133.8	3.377	2.524	136.2	131.4
Ca3181	318.128 {1	In2306	ppm	134.6	3.291	2.444	137	132.3
Cd2288	228.802 {4	Y_2243	ppm	0.5117	0.0077	1.508	0.5171	0.5062
Co2286	228.616 {4	In2306	ppm	1.015	0.0179	1.767	1.028	1.003
Cr2677	267.716 {1	Y_3600	ppm	0.9557	0.0016	0.163	0.9568	0.9546
Cu3247	324.754 {1	Y_3600	ppm	1.154	0.0029	0.2506	1.156	1.152
Fe2404	240.488 {1	In2306	ppm	10.41	0.2727	2.62	10.6	10.22
K_7664	766.490 { 4	Y_3710	ppm	31.9	0.3443	1.079	31.65	32.14
K_7698	769.896 { 4	Y_3710	ppm	33.29	0.3413	1.025	33.05	33.53
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0068	1.222	0.5521	0.5618
Mg2790	279.079 {1	Y_3710	ppm	23.85	0.0867	0.3637	23.79	23.91
Mn2576	257.610 {1	Y_3600	ppm	0.9666	0.001	0.1043	0.9659	0.9673
Mn2576-2	257.610 {1	Y_3710	ppm	0.9867	0.0078	0.7913	0.9812	0.9922
Mo2020	202.030 {4	Y_2243	ppm	0.9918	0.019	1.915	1.005	0.9784
Na5895	589.592 { 5	Y_3710	ppm	286.6	4.71	1.643	283.3	289.9
Na8183	818.326 { 4	Y_3710	ppm	331.5	2.3	0.6938	329.9	333.2
Ni2316	231.604 {4	In2306	ppm	0.9998	0.0187	1.874	1.013	0.9866

P_1782	178.284 {4	In2306	ppm	2.439	0.013	0.5329	2.449	2.43
Pb2203	220.353 {4	In2306	ppm	0.9735	0.0157	1.612	0.9846	0.9624
S_1820	182.034 {4	Y_2243	ppm	-10420	42.12	0.4044	-10450	-10390
Sb2068	206.833 {4	Y_2243	ppm	1.002	0.0157	1.564	1.013	0.991
Se1960	196.090 {4	Y_2243	ppm	1.075	0.0118	1.097	1.083	1.067
Si2516	251.611 {1	Y_3710	ppm	9.478	0.0762	0.8039	9.424	9.532
Sn1899	189.989 {4	In2306	ppm	1.023	0.0224	2.194	1.039	1.007
Sr4215	421.552 { 8	Y_3710	ppm	1.366	0.004	0.2943	1.364	1.369
Ti3349	334.904 {1	Y_3600	ppm	0.9903	0.0059	0.5999	0.9945	0.9861
Tl1908	190.856 {4	In2306	ppm	0.9303	0.0293	3.149	0.951	0.9096
V_2924	292.402 {1	Y_3600	ppm	0.9907	0.0011	0.1124	0.9915	0.9899
Zn2062	206.200 {4	In2306	ppm	1.228	0.0248	2.018	1.245	1.21

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.812	1.2966	2.2046	57.895	59.729
In2306	230.606 {4	Cts/S	7928.7	11.998	0.15132	7937.2	7920.2
Y_2243	224.306 {4	Cts/S	11115	37.916	0.34111	11142	11089
Y_3600	360.073 { 9	Cts/S	49000	20.988	0.04283	48985	49015
Y_3710	371.030 { 9	Cts/S	8134	34.786	0.42767	8158.6	8109.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5292	0.0021	0.3877	0.5278	0.5307
Al3082	308.215 {1	In2306	ppm	11.06	0.2496	2.258	11.23	10.88
As1890	189.042 {4	Y_2243	ppm	1.099	0.0059	0.5377	1.104	1.095
B_2496	249.678 {1	Y_3710	ppm	1.363	0.0005	0.0336	1.363	1.363
Ba4554	455.403 { 7	Y_3710	ppm	1.184	0.0027	0.2279	1.186	1.182
Be3130	313.042 {1	Y_3710	ppm	0.5179	0.0013	0.2475	0.5169	0.5188
Ca3158	315.887 {1	In2306	ppm	131	0.9717	0.7417	131.7	130.3
Ca3181	318.128 {1	In2306	ppm	132	1.371	1.039	132.9	131
Cd2288	228.802 {4	Y_2243	ppm	0.5309	0.0033	0.6264	0.5332	0.5285
Co2286	228.616 {4	In2306	ppm	1.057	0.0045	0.425	1.06	1.054
Cr2677	267.716 {1	Y_3600	ppm	0.9901	0.0023	0.231	0.9917	0.9885
Cu3247	324.754 {1	Y_3600	ppm	1.18	0.0033	0.2773	1.182	1.178
Fe2404	240.488 {1	In2306	ppm	10.52	0.1342	1.275	10.61	10.42
K_7664	766.490 { 4	Y_3710	ppm	32.57	0.656	2.014	33.03	32.11
K_7698	769.896 { 4	Y_3710	ppm	33.97	0.6787	1.998	34.45	33.49
Li6707	670.784 { 5	Y_3710	ppm	0.576	0.0127	2.199	0.5849	0.567
Mg2790	279.079 {1	Y_3710	ppm	24.04	0.046	0.1912	24.01	24.07
Mn2576	257.610 {1	Y_3600	ppm	0.996	0.0006	0.0653	0.9964	0.9955
Mn2576-2	257.610 {1	Y_3710	ppm	1.011	0.002	0.1962	1.01	1.012
Mo2020	202.030 {4	Y_2243	ppm	1.018	0.0081	0.7948	1.024	1.012
Na5895	589.592 { 5	Y_3710	ppm	269.8	6.936	2.571	264.9	274.7
Na8183	818.326 { 4	Y_3710	ppm	333	3.456	1.038	335.4	330.5

Ni2316	231.604 {4	In2306	ppm	1.042	0.0062	0.5941	1.047	1.038
P_1782	178.284 {4	In2306	ppm	2.441	0.0124	0.5075	2.45	2.432
Pb2203	220.353 {4	In2306	ppm	1.008	0.008	0.7963	1.014	1.003
S_1820	182.034 {4	Y_2243	ppm	-10360	26.34	0.2541	-10380	-10350
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0049	0.4763	1.041	1.034
Se1960	196.090 {4	Y_2243	ppm	1.115	0.0011	0.0997	1.115	1.116
Si2516	251.611 {1	Y_3710	ppm	9.496	0.018	0.1899	9.509	9.483
Sn1899	189.989 {4	In2306	ppm	1.052	0.0075	0.7153	1.058	1.047
Sr4215	421.552 { 8	Y_3710	ppm	1.383	0.0013	0.0947	1.384	1.382
Ti3349	334.904 {1	Y_3600	ppm	1.006	0.0063	0.6212	1.011	1.002
Tl1908	190.856 {4	In2306	ppm	0.9634	0.0218	2.261	0.9788	0.948
V_2924	292.402 {1	Y_3600	ppm	1.026	0.0029	0.2872	1.028	1.024
Zn2062	206.200 {4	In2306	ppm	1.256	0.0071	0.5647	1.261	1.251

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.51	0.989	1.6619	58.811	60.21
In2306	230.606 {4	Cts/S	7884.5	41.985	0.5325	7914.2	7854.8
Y_2243	224.306 {4	Cts/S	11059	61.37	0.55494	11102	11015
Y_3600	360.073 { 9	Cts/S	49206	150.97	0.30681	49099	49313
Y_3710	371.030 { 9	Cts/S	8114.7	30.608	0.37719	8093	8136.3

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Custom ID3=
Run Time=1/25/2012 8:58:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5074	0.0047	0.9352	0.5041	0.5108
Al3082	308.215 {1	In2306	ppm	10.91	0.4209	3.859	10.61	11.21
As1890	189.042 {4	Y_2243	ppm	1.058	0.0037	0.3483	1.06	1.055
B_2496	249.678 {1	Y_3710	ppm	1.331	0.0115	0.8613	1.339	1.323
Ba4554	455.403 { 7	Y_3710	ppm	1.14	0.0025	0.2211	1.138	1.142
Be3130	313.042 {1	Y_3710	ppm	0.4925	0.002	0.4162	0.494	0.4911
Ca3158	315.887 {1	In2306	ppm	131.7	5.654	4.293	127.7	135.7
Ca3181	318.128 {1	In2306	ppm	132.8	5.636	4.244	128.8	136.8
Cd2288	228.802 {4	Y_2243	ppm	0.5162	0.0011	0.21	0.5169	0.5154
Co2286	228.616 {4	In2306	ppm	1.02	0.0025	0.2428	1.022	1.018
Cr2677	267.716 {1	Y_3600	ppm	0.9645	0.0028	0.2927	0.9625	0.9665
Cu3247	324.754 {1	Y_3600	ppm	1.103	0.0042	0.381	1.106	1.1
Fe2404	240.488 {1	In2306	ppm	10.73	0.4771	4.448	10.39	11.07
K_7664	766.490 { 4	Y_3710	ppm	29.91	0.1406	0.4702	29.81	30.01
K_7698	769.896 { 4	Y_3710	ppm	31.21	0.1154	0.3698	31.13	31.29
Li6707	670.784 { 5	Y_3710	ppm	1.068	0.0077	0.7199	1.062	1.073
Mg2790	279.079 {1	Y_3710	ppm	23.12	0.1413	0.6112	23.22	23.02
Mn2576	257.610 {1	Y_3600	ppm	0.9796	0.0071	0.7207	0.9746	0.9846
Mn2576-2	257.610 {1	Y_3710	ppm	0.9906	0.0018	0.1846	0.9919	0.9893
Mo2020	202.030 {4	Y_2243	ppm	0.9848	0.0036	0.3613	0.9873	0.9822
Na5895	589.592 { 5	Y_3710	ppm	260.4	6.15	2.362	264.7	256

Na8183	818.326 { 4	Y_3710	ppm	312.3	1.254	0.4015	311.4	313.2
Ni2316	231.604 {4	In2306	ppm	1.017	0	0.0048	1.017	1.017
P_1782	178.284 {4	In2306	ppm	3.558	0.002	0.0559	3.559	3.557
Pb2203	220.353 {4	In2306	ppm	0.9828	0.0034	0.351	0.9853	0.9804
S_1820	182.034 {4	Y_2243	ppm	-10720	25.58	0.2387	-10740	-10700
Sb2068	206.833 {4	Y_2243	ppm	1.023	0.009	0.8812	1.029	1.016
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0045	0.4262	1.064	1.058
Si2516	251.611 {1	Y_3710	ppm	9.212	0.0434	0.471	9.181	9.243
Sn1899	189.989 {4	In2306	ppm	1.023	0.0015	0.1481	1.024	1.022
Sr4215	421.552 { 8	Y_3710	ppm	1.308	0.0013	0.0986	1.307	1.309
Ti3349	334.904 {1	Y_3600	ppm	0.9855	0.0005	0.0546	0.9851	0.9859
Tl1908	190.856 {4	In2306	ppm	0.9799	0.0024	0.2472	0.9781	0.9816
V_2924	292.402 {1	Y_3600	ppm	0.9839	0.0025	0.2557	0.9857	0.9821
Zn2062	206.200 {4	In2306	ppm	1.106	0.0031	0.2774	1.108	1.104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.197	2.5963	4.5392	59.033	55.361
In2306	230.606 {4	Cts/S	8004.5	9.0964	0.11364	7998.1	8010.9
Y_2243	224.306 {4	Cts/S	11269	13.139	0.11659	11260	11278
Y_3600	360.073 { 9	Cts/S	48940	287.5	0.58746	49143	48736
Y_3710	371.030 { 9	Cts/S	8223.8	4.8196	0.05861	8227.2	8220.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:01:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0	9.77	-0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0156	0.0349	223.6	0.0403	-0.0091
As1890	189.042 {4	Y_2243	ppm	0.0072	0.0055	75.23	0.0034	0.0111
B_2496	249.678 {1	Y_3710	ppm	0.0611	0.0042	6.905	0.0581	0.064
Ba4554	455.403 { 7	Y_3710	ppm	0.0326	0.0001	0.2337	0.0326	0.0325
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.15	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	23.06	0.2903	1.259	23.26	22.85
Ca3181	318.128 {1	In2306	ppm	23.31	0.2388	1.025	23.48	23.14
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0034	132.7	0.0002	0.005
Co2286	228.616 {4	In2306	ppm	0.006	0.0074	123.3	0.0008	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0001	2.703	0.002	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.006	0.0007	10.89	0.0065	0.0056
Fe2404	240.488 {1	In2306	ppm	0.0547	0.0151	27.54	0.0653	0.044
K_7664	766.490 { 4	Y_3710	ppm	3.978	0.0185	0.4641	3.991	3.965
K_7698	769.896 { 4	Y_3710	ppm	3.825	0.0256	0.6703	3.843	3.807
Li6707	670.784 { 5	Y_3710	ppm	0.0048	0.0001	1.883	0.0047	0.0048
Mg2790	279.079 {1	Y_3710	ppm	2.582	0.0233	0.9017	2.566	2.599
Mn2576	257.610 {1	Y_3600	ppm	0.0057	0.0001	1.048	0.0057	0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	0.0063	0.0002	3.89	0.0061	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0118	0.0086	72.7	0.0057	0.0179

Na5895	589.592 { 5	Y_3710	ppm	57.24	1.216	2.125	56.38	58.1
Na8183	818.326 { 4	Y_3710	ppm	58.88	0.0964	0.1637	58.95	58.82
Ni2316	231.604 {4	In2306	ppm	0.0079	0.0072	90.74	0.0028	0.013
P_1782	178.284 {4	In2306	ppm	0.4488	0.0169	3.768	0.4368	0.4607
Pb2203	220.353 {4	In2306	ppm	0.0049	0.0046	93.65	0.0017	0.0082
S_1820	182.034 {4	Y_2243	ppm	-2136	38.88	1.821	-2108	-2163
Sb2068	206.833 {4	Y_2243	ppm	0.0166	0.0094	56.89	0.0099	0.0232
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0037	110.2	0.0007	0.006
Si2516	251.611 {1	Y_3710	ppm	1.56	0.022	1.413	1.576	1.545
Sn1899	189.989 {4	In2306	ppm	0.0074	0.0083	111.5	0.0016	0.0132
Sr4215	421.552 { 8	Y_3710	ppm	0.1652	0.0005	0.2757	0.1655	0.1648
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0	1.171	0.0019	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0042	0.0044	103.3	0.0011	0.0073
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0005	35.94	0.001	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0217	0.0074	34.32	0.0164	0.0269

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.409	1.177	1.9166	60.577	62.241
In2306	230.606 {4	Cts/S	9236	29.257	0.31678	9256.7	9215.3
Y_2243	224.306 {4	Cts/S	12240	22.563	0.18433	12256	12224
Y_3600	360.073 { 9	Cts/S	48519	325.5	0.67088	48289	48749
Y_3710	371.030 { 9	Cts/S	8513.4	4.1606	0.04887	8510.5	8516.4

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Run Time=1/25/2012 9:03:58
Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	33.89	0.0006	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0524	0.0104	19.79	-0.0597	-0.0451
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0008	296.3	0.0008	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0	0.001	3552	-0.0007	0.0008
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0	9.094	-0.0002	-0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	11.16	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0146	0.0069	47.51	-0.0195	-0.0097
Ca3181	318.128 {1	In2306	ppm	0.085	0.0524	61.6	0.1221	0.048
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	57.39	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	57.83	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	81.07	0.0005	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.76	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0315	0.0098	31.15	-0.0246	-0.0385
K_7664	766.490 { 4	Y_3710	ppm	0.0503	0.0155	30.85	0.0613	0.0393
K_7698	769.896 { 4	Y_3710	ppm	-0.2289	0.0066	2.898	-0.2336	-0.2242
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	118.9	0	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0127	0.0123	96.46	-0.0214	-0.0041
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	2.214	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1550	0.0009	-0.0011

Mo2020	202.030 {4	Y_2243	ppm	0.0004	0	9.464	0.0004	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0716	0.0004	0.5861	0.0719	0.0713
Na8183	818.326 { 4	Y_3710	ppm	-0.0368	0.014	38.05	-0.0269	-0.0466
Ni2316	231.604 {4	In2306	ppm	0	0.0001	237.9	0	0.0001
P_1782	178.284 {4	In2306	ppm	0.0001	0.0002	147.9	0	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0001	0	35.09	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	-3.643	2.014	55.28	-2.219	-5.067
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0009	40.29	0.003	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.0015	0.0001	8.192	-0.0016	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.024	0.0096	40.1	-0.0309	-0.0172
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	20.81	-0.0003	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	104.8	-0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0006	303.6	0.0006	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.001	0.0009	86.3	0.0017	0.0004
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	453.4	-0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0127	0.0003	1.98	0.0125	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.479	0.2711	0.44096	61.671	61.288
In2306	230.606 {4	Cts/S	10119	24.176	0.23893	10102	10136
Y_2243	224.306 {4	Cts/S	12653	80.292	0.63456	12596	12710
Y_3600	360.073 { 9	Cts/S	46314	58.665	0.12667	46355	46272
Y_3710	371.030 { 9	Cts/S	8534.5	18.91	0.22157	8521.2	8547.9

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Custom ID3=
Run Time=1/25/2012 9:06:38
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0016	0.6634	0.2448	0.2425
Al3082	308.215 {1	In2306	ppm	2.454	0.0684	2.789	2.405	2.502
As1890	189.042 {4	Y_2243	ppm	0.4798	0.0012	0.2558	0.4807	0.479
B_2496	249.678 {1	Y_3710	ppm	0.4785	0.0094	1.974	0.4718	0.4852
Ba4554	455.403 { 7	Y_3710	ppm	0.479	0.0005	0.1041	0.4786	0.4793
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0021	0.4247	0.4918	0.4948
Ca3158	315.887 {1	In2306	ppm	12.32	0.0414	0.3359	12.29	12.35
Ca3181	318.128 {1	In2306	ppm	12.34	0.1	0.8102	12.27	12.41
Cd2288	228.802 {4	Y_2243	ppm	0.4868	0.0004	0.0724	0.4871	0.4866
Co2286	228.616 {4	In2306	ppm	0.4927	0.0003	0.0557	0.4925	0.4929
Cr2677	267.716 {1	Y_3600	ppm	0.4967	0.0038	0.7611	0.4994	0.4941
Cu3247	324.754 {1	Y_3600	ppm	0.4874	0.0041	0.8514	0.4903	0.4844
Fe2404	240.488 {1	In2306	ppm	2.467	0.0412	1.67	2.496	2.438
K_7664	766.490 { 4	Y_3710	ppm	12.51	0.1464	1.17	12.41	12.61
K_7698	769.896 { 4	Y_3710	ppm	12.63	0.1924	1.524	12.49	12.76
Li6707	670.784 { 5	Y_3710	ppm	0.4896	0.0069	1.417	0.4847	0.4945
Mg2790	279.079 {1	Y_3710	ppm	4.866	0.0081	0.1666	4.86	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4855	0.0039	0.8038	0.4883	0.4827

Mn2576-2	257.610 {1	Y_3710	ppm	0.4685	0.001	0.2118	0.4692	0.4678
Mo2020	202.030 {4	Y_2243	ppm	0.4877	0.0011	0.2298	0.4885	0.4869
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.1509	1.217	12.29	12.5
Na8183	818.326 { 4	Y_3710	ppm	12.3	0.1055	0.8583	12.22	12.37
Ni2316	231.604 {4	In2306	ppm	0.4813	0	0.0095	0.4812	0.4813
P_1782	178.284 {4	In2306	ppm	-0.0026	0	0.7264	-0.0026	-0.0026
Pb2203	220.353 {4	In2306	ppm	0.484	0.0004	0.0784	0.4837	0.4843
S_1820	182.034 {4	Y_2243	ppm	-44.04	0.066	0.1498	-44.08	-43.99
Sb2068	206.833 {4	Y_2243	ppm	0.4754	0.0019	0.4067	0.4767	0.474
Se1960	196.090 {4	Y_2243	ppm	0.484	0.0001	0.0287	0.4839	0.4841
Si2516	251.611 {1	Y_3710	ppm	0.7834	0.0015	0.1917	0.7845	0.7823
Sn1899	189.989 {4	In2306	ppm	0.5009	0.0006	0.1138	0.5013	0.5005
Sr4215	421.552 { 8	Y_3710	ppm	0.2437	0.0008	0.346	0.2431	0.2443
Ti3349	334.904 {1	Y_3600	ppm	0.5068	0.0062	1.216	0.5111	0.5024
Tl1908	190.856 {4	In2306	ppm	0.5005	0.0047	0.9449	0.5038	0.4972
V_2924	292.402 {1	Y_3600	ppm	0.5077	0.0056	1.113	0.5117	0.5037
Zn2062	206.200 {4	In2306	ppm	0.4898	0.0007	0.1406	0.4893	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.88	0.62471	1.0096	62.321	61.438
In2306	230.606 {4	Cts/S	9533.3	1.7071	0.01791	9534.5	9532.1
Y_2243	224.306 {4	Cts/S	12536	17.4	0.1388	12524	12549
Y_3600	360.073 { 9	Cts/S	47223	328.96	0.69661	46990	47456
Y_3710	371.030 { 9	Cts/S	8570.2	53.523	0.62452	8608	8532.3

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Custom ID1=
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Custom ID3=
Run Time=1/25/2012 9:09:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0002	3.299	0.0053	0.0056
Al3082	308.215 {1	In2306	ppm	0.0574	0.0178	31.05	0.07	0.0448
As1890	189.042 {4	Y_2243	ppm	0.0099	0.0016	16	0.0087	0.011
B_2496	249.678 {1	Y_3710	ppm	0.0047	0.0005	10.98	0.0051	0.0043
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0	0.2365	0.0098	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	3.219	0.0046	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1052	0.0082	7.751	0.0995	0.111
Ca3181	318.128 {1	In2306	ppm	0.1755	0.019	10.83	0.189	0.1621
Cd2288	228.802 {4	Y_2243	ppm	0.0063	0.002	31.98	0.0049	0.0078
Co2286	228.616 {4	In2306	ppm	0.0115	0.0022	18.87	0.0099	0.013
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0002	1.699	0.0095	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0004	4.547	0.0088	0.0083
Fe2404	240.488 {1	In2306	ppm	0.0709	0.0169	23.86	0.0829	0.059
K_7664	766.490 { 4	Y_3710	ppm	0.6615	0.0022	0.3378	0.6631	0.6599
K_7698	769.896 { 4	Y_3710	ppm	0.4322	0.0114	2.636	0.4403	0.4242
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0005	4.604	0.0105	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.0352	0.018	51.04	0.0225	0.0479

Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	0.6	0.0102	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0103	0.0013	12.31	0.0094	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.013	0.0028	21.79	0.011	0.015
Na5895	589.592 { 5	Y_3710	ppm	0.7069	0.0079	1.118	0.7125	0.7013
Na8183	818.326 { 4	Y_3710	ppm	0.6149	0.0304	4.942	0.5934	0.6364
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0024	20.87	0.0096	0.013
P_1782	178.284 {4	In2306	ppm	0.0105	0.0001	0.5112	0.0106	0.0105
Pb2203	220.353 {4	In2306	ppm	0.0109	0.0022	20.09	0.0093	0.0124
S_1820	182.034 {4	Y_2243	ppm	-1.229	0.0112	0.9145	-1.236	-1.221
Sb2068	206.833 {4	Y_2243	ppm	0.0184	0.0022	11.99	0.0168	0.02
Se1960	196.090 {4	Y_2243	ppm	0.0104	0.0014	13.36	0.0094	0.0114
Si2516	251.611 {1	Y_3710	ppm	-0.0108	0.0081	75.25	-0.0165	-0.0051
Sn1899	189.989 {4	In2306	ppm	0.012	0.0025	20.97	0.0102	0.0137
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0001	2.439	0.0048	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0.0008	7.696	0.0107	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0154	0.0041	26.66	0.0125	0.0183
V_2924	292.402 {1	Y_3600	ppm	0.0102	0.0002	1.785	0.0103	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0101	0.0021	21.05	0.0086	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.253	0.2981	0.47128	63.464	63.043
In2306	230.606 {4	Cts/S	10129	18.687	0.18448	10143	10116
Y_2243	224.306 {4	Cts/S	12752	11.896	0.09329	12744	12760
Y_3600	360.073 { 9	Cts/S	46344	63.703	0.13746	46299	46389
Y_3710	371.030 { 9	Cts/S	8641.6	12.069	0.13966	8633	8650.1

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0007	94.08	0.0002	0.0012
Al3082	308.215 {1	In2306	ppm	-0.048	0.0085	17.8	-0.054	-0.0419
As1890	189.042 {4	Y_2243	ppm	-0.0012	0	2.723	-0.0012	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0009	0.0014	154.5	0.0001	-0.0019
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	122.6	0	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	258.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0021	0.0138	655	-0.0077	0.0119
Ca3181	318.128 {1	In2306	ppm	0.1478	0.0358	24.22	0.1731	0.1224
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	266.5	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0003	1027	-0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0006	112.6	0.0009	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0006	43.22	-0.001	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0076	0.0153	200.4	-0.0185	0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.0235	0.0098	41.5	0.0166	0.0304
K_7698	769.896 { 4	Y_3710	ppm	-0.0076	0.0288	379.3	-0.028	0.0128
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0003	51.25	0.0007	0.0003

Mg2790	279.079 {1	Y_3710	ppm	-0.0477	0.0255	53.4	-0.0658	-0.0297
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	49.3	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0.0011	297.9	0.0011	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	25.86	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0531	0.0002	0.3735	0.0532	0.0529
Na8183	818.326 { 4	Y_3710	ppm	0.1787	0.0173	9.659	0.1665	0.1909
Ni2316	231.604 {4	In2306	ppm	0.0003	0	3.712	0.0002	0.0003
P_1782	178.284 {4	In2306	ppm	0.0005	0.0005	96.79	0.0009	0.0002
Pb2203	220.353 {4	In2306	ppm	0	0.0001	424.7	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-2.48	0.0119	0.4811	-2.472	-2.489
Sb2068	206.833 {4	Y_2243	ppm	0.0042	0.0002	3.87	0.0041	0.0043
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0001	7.396	-0.0011	-0.001
Si2516	251.611 {1	Y_3710	ppm	-0.0233	0.0389	167	-0.0507	0.0042
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	43.52	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	452.6	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0	0	17.41	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0012	86.71	0.0005	0.0022
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0003	126.7	0	-0.0005
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	81.56	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.273	0.19668	0.32099	61.134	61.412
In2306	230.606 {4	Cts/S	10114	18.557	0.18348	10127	10101
Y_2243	224.306 {4	Cts/S	12723	29.156	0.22916	12744	12702
Y_3600	360.073 { 9	Cts/S	45654	207.11	0.45366	45507	45800
Y_3710	371.030 { 9	Cts/S	8478.6	59.397	0.70055	8436.6	8520.6

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Custom ID3=
Run Time=1/25/2012 9:14:22
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5036	0.0044	0.8769	0.5005	0.5067
Al3082	308.215 {1	In2306	ppm	10.16	0.2101	2.068	10.01	10.31
As1890	189.042 {4	Y_2243	ppm	0.9726	0.0008	0.0861	0.9732	0.972
B_2496	249.678 {1	Y_3710	ppm	0.9916	0.009	0.9047	0.998	0.9853
Ba4554	455.403 { 7	Y_3710	ppm	0.9932	0.0053	0.5296	0.9895	0.9969
Be3130	313.042 {1	Y_3710	ppm	0.5022	0.0004	0.0878	0.5025	0.5019
Ca3158	315.887 {1	In2306	ppm	9.859	0.1196	1.213	9.774	9.943
Ca3181	318.128 {1	In2306	ppm	9.82	0.0201	0.2046	9.834	9.806
Cd2288	228.802 {4	Y_2243	ppm	0.4888	0.0017	0.3514	0.49	0.4876
Co2286	228.616 {4	In2306	ppm	0.9936	0.004	0.4019	0.9964	0.9908
Cr2677	267.716 {1	Y_3600	ppm	1.005	0.0014	0.1355	1.004	1.006
Cu3247	324.754 {1	Y_3600	ppm	0.9983	0.0026	0.2614	1	0.9965
Fe2404	240.488 {1	In2306	ppm	9.889	0.0941	0.9516	9.823	9.956
K_7664	766.490 { 4	Y_3710	ppm	10.9	0.2095	1.922	10.75	11.05
K_7698	769.896 { 4	Y_3710	ppm	10.89	0.2135	1.96	10.74	11.04

Li6707	670.784 { 5	Y_3710	ppm	0.5337	0.0107	2.001	0.5261	0.5412
Mg2790	279.079 {1:	Y_3710	ppm	9.903	0.0374	0.3781	9.93	9.877
Mn2576	257.610 {1:	Y_3600	ppm	0.9901	0.0052	0.5218	0.9864	0.9937
Mn2576-2	257.610 {1:	Y_3710	ppm	0.9597	0.0029	0.2989	0.9617	0.9577
Mo2020	202.030 {4	Y_2243	ppm	0.9818	0.0023	0.2293	0.9833	0.9802
Na5895	589.592 { 5	Y_3710	ppm	10.8	0.1878	1.739	10.67	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.39	0.0336	0.3231	10.37	10.41
Ni2316	231.604 {4	In2306	ppm	0.9687	0.0031	0.3173	0.9709	0.9665
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0008	69.42	-0.0006	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.9759	0.0047	0.485	0.9792	0.9725
S_1820	182.034 {4	Y_2243	ppm	-0.6693	0.0155	2.312	-0.6802	-0.6583
Sb2068	206.833 {4	Y_2243	ppm	0.9518	0.0028	0.2938	0.9538	0.9498
Se1960	196.090 {4	Y_2243	ppm	0.9784	0.0012	0.1197	0.9792	0.9776
Si2516	251.611 {1:	Y_3710	ppm	0.8446	0.0106	1.25	0.8371	0.852
Sn1899	189.989 {4	In2306	ppm	1.009	0.0082	0.8158	1.015	1.003
Sr4215	421.552 { 8	Y_3710	ppm	0.4961	0.0021	0.4171	0.4946	0.4976
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0064	0.6291	1.017	1.026
Tl1908	190.856 {4	In2306	ppm	1.001	0.0142	1.42	1.011	0.991
V_2924	292.402 {1	Y_3600	ppm	1.022	0.0048	0.4666	1.018	1.025
Zn2062	206.200 {4	In2306	ppm	0.9806	0.0038	0.3868	0.9833	0.9779

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.322	1.2614	2.024	63.214	61.43
In2306	230.606 {4	Cts/S	9513.1	5.6653	0.05955	9517.1	9509.1
Y_2243	224.306 {4	Cts/S	12577	28.92	0.22994	12598	12557
Y_3600	360.073 { 9	Cts/S	47176	203.78	0.43195	47320	47032
Y_3710	371.030 { 9	Cts/S	8583.6	32.841	0.38261	8606.8	8560.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	245.2	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.1188	0.0479	40.3	0.1527	0.085
As1890	189.042 {4	Y_2243	ppm	0.01	0.0048	47.78	0.0066	0.0133
B_2496	249.678 {1:	Y_3710	ppm	0.2814	0.0134	4.745	0.272	0.2909
Ba4554	455.403 { 7	Y_3710	ppm	0.1067	0.0001	0.07	0.1067	0.1066
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	106	0	0.0001
Ca3158	315.887 {1	In2306	ppm	62.33	2.296	3.683	63.95	60.71
Ca3181	318.128 {1	In2306	ppm	63.19	1.874	2.966	64.52	61.87
Cd2288	228.802 {4	Y_2243	ppm	0.0021	0.0028	132.9	0.0001	0.0041
Co2286	228.616 {4	In2306	ppm	0.0055	0.0061	110.7	0.0012	0.0099
Cr2677	267.716 {1:	Y_3600	ppm	0.0029	0.0007	22.49	0.0034	0.0025
Cu3247	324.754 {1	Y_3600	ppm	0.0073	0.0001	1.709	0.0072	0.0074
Fe2404	240.488 {1	In2306	ppm	0.274	0.003	1.106	0.2761	0.2718
K_7664	766.490 { 4	Y_3710	ppm	15.23	0.6289	4.13	14.78	15.67

K_7698	769.896 { 4	Y_3710	ppm	15.44	0.6915	4.479	14.95	15.93
Li6707	670.784 { 5	Y_3710	ppm	0.0209	0.0009	4.504	0.0203	0.0216
Mg2790	279.079 {1	Y_3710	ppm	8.152	0.0554	0.679	8.192	8.113
Mn2576	257.610 {1	Y_3600	ppm	0.0224	0.0002	0.8271	0.0225	0.0223
Mn2576-2	257.610 {1	Y_3710	ppm	0.0243	0.0021	8.72	0.0228	0.0258
Mo2020	202.030 {4	Y_2243	ppm	0.0168	0.0066	39.49	0.0121	0.0215
Na5895	589.592 { 5	Y_3710	ppm	180.9	11.49	6.351	172.8	189
Na8183	818.326 { 4	Y_3710	ppm	196.6	2.692	1.369	194.7	198.5
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0059	57.84	0.006	0.0143
P_1782	178.284 {4	In2306	ppm	1.951	0.0259	1.329	1.97	1.933
Pb2203	220.353 {4	In2306	ppm	0.0043	0.0054	126.1	0.0005	0.0081
S_1820	182.034 {4	Y_2243	ppm	-2578	14.55	0.5643	-2588	-2567
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0045	24.96	0.015	0.0214
Se1960	196.090 {4	Y_2243	ppm	0.0043	0.0042	97.11	0.0014	0.0073
Si2516	251.611 {1	Y_3710	ppm	5.845	0.055	0.9405	5.807	5.884
Sn1899	189.989 {4	In2306	ppm	0.0066	0.0076	116.1	0.0012	0.0119
Sr4215	421.552 { 8	Y_3710	ppm	0.4788	0.0011	0.2396	0.478	0.4796
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0003	15.8	0.0018	0.0014
Tl1908	190.856 {4	In2306	ppm	0.01	0.0077	76.7	0.0046	0.0154
V_2924	292.402 {1	Y_3600	ppm	0.0049	0	0.4421	0.005	0.0049
Zn2062	206.200 {4	In2306	ppm	0.5736	0.0006	0.0966	0.5732	0.574

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.42	0.80801	1.3598	58.849	59.991
In2306	230.606 {4	Cts/S	8535.2	16.34	0.19144	8523.7	8546.8
Y_2243	224.306 {4	Cts/S	11773	11.672	0.09914	11765	11781
Y_3600	360.073 { 9	Cts/S	48487	29.266	0.06036	48508	48467
Y_3710	371.030 { 9	Cts/S	8262.2	64.178	0.77676	8307.6	8216.8

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0006	89.15	0.0003	0.0011
Al3082	308.215 {1	In2306	ppm	1.993	0.0105	0.5287	1.986	2.001
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0001	5.977	0.0017	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0714	0.0065	9.13	0.0668	0.076
Ba4554	455.403 { 7	Y_3710	ppm	0.0772	0.0002	0.2302	0.0771	0.0773
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	700.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	10.87	0.0695	0.6393	10.92	10.82
Ca3181	318.128 {1	In2306	ppm	10.91	0.0266	0.2436	10.89	10.93
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	1379	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0011	0.0003	25.43	0.0009	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.004	0.0003	6.628	0.0042	0.0038
Cu3247	324.754 {1	Y_3600	ppm	0.0288	0.0002	0.7685	0.029	0.0286
Fe2404	240.488 {1	In2306	ppm	1.73	0.0103	0.5962	1.722	1.737

K_7664	766.490 { 4	Y_3710	ppm	7.94	0.0383	0.4823	7.913	7.967
K_7698	769.896 { 4	Y_3710	ppm	7.792	0.0643	0.8257	7.747	7.838
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0002	4.582	0.0045	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.525	0.0257	1.019	2.507	2.543
Mn2576	257.610 {1	Y_3600	ppm	0.0319	0.0002	0.6162	0.0317	0.032
Mn2576-2	257.610 {1	Y_3710	ppm	0.0308	0.0002	0.5855	0.0309	0.0306
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0005	21.53	0.0018	0.0025
Na5895	589.592 { 5	Y_3710	ppm	33.7	0.1369	0.4063	33.6	33.79
Na8183	818.326 { 4	Y_3710	ppm	31.84	0.2098	0.659	31.69	31.99
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0002	14.04	0.0014	0.0017
P_1782	178.284 {4	In2306	ppm	0.2586	0.0142	5.476	0.2486	0.2686
Pb2203	220.353 {4	In2306	ppm	0.0023	0.0003	14.87	0.0025	0.0021
S_1820	182.034 {4	Y_2243	ppm	-302.4	13.64	4.509	-292.8	-312.1
Sb2068	206.833 {4	Y_2243	ppm	0.0031	0.0011	36.92	0.0023	0.0039
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0014	122.5	-0.0021	-0.0002
Si2516	251.611 {1	Y_3710	ppm	3.618	0.0127	0.3501	3.609	3.627
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0006	363.8	-0.0006	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0815	0.0003	0.3939	0.0813	0.0818
Ti3349	334.904 {1	Y_3600	ppm	0.0127	0.0002	1.345	0.0126	0.0128
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0017	76.55	0.001	0.0035
V_2924	292.402 {1	Y_3600	ppm	0.0054	0.0007	12.36	0.0059	0.005
Zn2062	206.200 {4	In2306	ppm	0.0303	0.0042	13.79	0.0273	0.0333

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.091	0.0489	0.07876	62.057	62.126
In2306	230.606 {4	Cts/S	9488.5	27.024	0.28481	9507.6	9469.4
Y_2243	224.306 {4	Cts/S	12482	41.408	0.33173	12512	12453
Y_3600	360.073 { 9	Cts/S	47218	17.323	0.03669	47230	47205
Y_3710	371.030 { 9	Cts/S	8415.7	26.698	0.31724	8396.8	8434.6

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	73.08	-0.0001	-0.0004
Al3082	308.215 {1	In2306	ppm	0.4085	0.0161	3.947	0.4199	0.3971
As1890	189.042 {4	Y_2243	ppm	0.0067	0.0011	16.52	0.0075	0.006
B_2496	249.678 {1	Y_3710	ppm	0.1382	0.0104	7.547	0.1308	0.1456
Ba4554	455.403 { 7	Y_3710	ppm	0.1673	0.0007	0.4329	0.1668	0.1678
Be3130	313.042 {1	Y_3710	ppm	-0.0005	0.0001	10.79	-0.0005	-0.0006
Ca3158	315.887 {1	In2306	ppm	51.01	0.1066	0.2089	50.94	51.09
Ca3181	318.128 {1	In2306	ppm	51.03	0.143	0.2803	50.93	51.13
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	129.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	22.31	0.0006	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0	1.552	0.0016	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0059	0.0001	1.115	0.0058	0.0059

Fe2404	240.488 {1	In2306	ppm	0.3722	0.0057	1.544	0.3762	0.3681
K_7664	766.490 { 4	Y_3710	ppm	9.028	0.051	0.5654	8.992	9.064
K_7698	769.896 { 4	Y_3710	ppm	8.982	0.033	0.3678	8.959	9.005
Li6707	670.784 { 5	Y_3710	ppm	0.0142	0.0001	0.6407	0.0142	0.0141
Mg2790	279.079 {1	Y_3710	ppm	8.434	0.0291	0.3453	8.414	8.455
Mn2576	257.610 {1	Y_3600	ppm	0.0543	0.0004	0.799	0.0546	0.054
Mn2576-2	257.610 {1	Y_3710	ppm	0.054	0.001	1.816	0.0533	0.0547
Mo2020	202.030 {4	Y_2243	ppm	0.148	0.0004	0.2632	0.1483	0.1477
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	59.15
Na8183	818.326 { 4	Y_3710	ppm	59.33	0.1581	0.2665	59.21	59.44
Ni2316	231.604 {4	In2306	ppm	0.1845	0.0011	0.5746	0.1852	0.1837
P_1782	178.284 {4	In2306	ppm	0.0949	0.0005	0.5462	0.0945	0.0952
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0007	47.35	0.0019	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1818	1.846	0.1015	-1819	-1817
Sb2068	206.833 {4	Y_2243	ppm	0.0047	0.001	20.95	0.0054	0.004
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0004	51.56	0.0005	0.0011
Si2516	251.611 {1	Y_3710	ppm	2.374	0.0156	0.6568	2.363	2.385
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0005	108.2	-0.0001	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.4138	0.0002	0.0518	0.414	0.4137
Ti3349	334.904 {1	Y_3600	ppm	0.0059	0.0007	11.4	0.0063	0.0054
Tl1908	190.856 {4	In2306	ppm	-0.0016	0.0009	54.74	-0.0022	-0.001
V_2924	292.402 {1	Y_3600	ppm	8.386	0.0149	0.1772	8.397	8.376
Zn2062	206.200 {4	In2306	ppm	0.0623	0.0004	0.6153	0.0621	0.0626

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.524	0.38546	0.62652	61.797	61.251
In2306	230.606 {4	Cts/S	9005.8	11.528	0.128	8997.7	9014
Y_2243	224.306 {4	Cts/S	12010	26.852	0.22358	11991	12029
Y_3600	360.073 { 9	Cts/S	47696	139.01	0.29146	47794	47597
Y_3710	371.030 { 9	Cts/S	8544	2.5927	0.03035	8545.8	8542.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0007	384.9	0.0003	-0.0007
Al3082	308.215 {1	In2306	ppm	-0.0091	0.0157	171.8	-0.0202	0.002
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.001	65.27	-0.0022	-0.0008
B_2496	249.678 {1	Y_3710	ppm	-0.0025	0.0062	252.9	0.0019	-0.0068
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	10.25	0.0008	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	496.9	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.4622	0.0028	0.6158	0.4602	0.4642
Ca3181	318.128 {1	In2306	ppm	0.5128	0.0255	4.978	0.5309	0.4948
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	28.45	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	690.8	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0008	74.21	0.0017	0.0005

Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0003	23.35	-0.0013	-0.0009
Fe2404	240.488 {1	In2306	ppm	0.0228	0.0001	0.5514	0.0229	0.0227
K_7664	766.490 { 4	Y_3710	ppm	0.0492	0.0032	6.526	0.0469	0.0514
K_7698	769.896 { 4	Y_3710	ppm	-0.2085	0.0045	2.159	-0.2053	-0.2117
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	34.53	0.0006	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0238	0.0178	74.69	0.0363	0.0112
Mn2576	257.610 {1	Y_3600	ppm	0.0026	0.0001	4.517	0.0027	0.0025
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0006	29.55	0.0023	0.0015
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0023	93.35	0.0008	0.0041
Na5895	589.592 { 5	Y_3710	ppm	0.0776	0.0003	0.3919	0.0778	0.0774
Na8183	818.326 { 4	Y_3710	ppm	-0.0286	0.0642	224.6	0.0168	-0.074
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0027	76.03	0.0017	0.0055
P_1782	178.284 {4	In2306	ppm	0.003	0.0013	42.84	0.0021	0.0039
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0007	44.96	0.0021	0.0011
S_1820	182.034 {4	Y_2243	ppm	-17.07	19.56	114.6	-3.241	-30.9
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0005	31.39	0.0019	0.0012
Se1960	196.090 {4	Y_2243	ppm	0	0.0009	4116	-0.0006	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0457	0.0121	26.46	0.0543	0.0372
Sn1899	189.989 {4	In2306	ppm	0.0075	0.0007	9.817	0.008	0.007
Sr4215	421.552 { 8	Y_3710	ppm	0.002	0	1.986	0.0019	0.002
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0006	108.6	0.001	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	97.7	0.0013	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0004	125.7	0	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0036	0.0007	19.97	0.0031	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.839	0.3283	0.52244	63.071	62.607
In2306	230.606 {4	Cts/S	10105	31.023	0.30701	10127	10083
Y_2243	224.306 {4	Cts/S	12720	11.931	0.0938	12728	12712
Y_3600	360.073 { 9	Cts/S	45535	377.32	0.82864	45269	45802
Y_3710	371.030 { 9	Cts/S	8613.7	35.179	0.4084	8638.6	8588.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	130.8	0	0.0007
Al3082	308.215 {1	In2306	ppm	2.654	0.0165	0.6231	2.665	2.642
As1890	189.042 {4	Y_2243	ppm	0.0008	0.001	122.8	0.0015	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0255	0.0158	62.08	0.0366	0.0143
Ba4554	455.403 { 7	Y_3710	ppm	0.0586	0.0001	0.1636	0.0585	0.0586
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0002	99.37	0.0003	0
Ca3158	315.887 {1	In2306	ppm	66.16	1.163	1.757	66.98	65.33
Ca3181	318.128 {1	In2306	ppm	66.2	0.8058	1.217	66.77	65.63
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	17.37	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.0011	0.0001	6.56	0.0012	0.0011

Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0001	0.579	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0102	0.0005	5.249	0.0105	0.0098
Fe2404	240.488 {1	In2306	ppm	2.594	0.0615	2.373	2.637	2.55
K_7664	766.490 { 4	Y_3710	ppm	12.65	0.0328	0.2591	12.63	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.77	0.0259	0.2028	12.79	12.75
Li6707	670.784 { 5	Y_3710	ppm	0.0054	0	0.1627	0.0054	0.0054
Mg2790	279.079 {1	Y_3710	ppm	6.979	0.0073	0.1041	6.984	6.974
Mn2576	257.610 {1	Y_3600	ppm	0.1404	0.0002	0.1208	0.1406	0.1403
Mn2576-2	257.610 {1	Y_3710	ppm	0.1355	0.0011	0.7813	0.1363	0.1348
Mo2020	202.030 {4	Y_2243	ppm	0.0032	0.0001	1.771	0.0032	0.0031
Na5895	589.592 { 5	Y_3710	ppm	39.26	0.1386	0.3531	39.16	39.36
Na8183	818.326 { 4	Y_3710	ppm	37.69	0.0041	0.011	37.68	37.69
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0001	2.718	0.005	0.0052
P_1782	178.284 {4	In2306	ppm	3.612	0.0227	0.6277	3.628	3.596
Pb2203	220.353 {4	In2306	ppm	0.0048	0.0006	12.83	0.0052	0.0043
S_1820	182.034 {4	Y_2243	ppm	-262.5	0.9698	0.3694	-263.2	-261.8
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0023	123.3	0.0002	0.0035
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0007	86.12	-0.0013	-0.0003
Si2516	251.611 {1	Y_3710	ppm	7.683	0.0361	0.4696	7.708	7.657
Sn1899	189.989 {4	In2306	ppm	0.0011	0.0002	16.72	0.0009	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.1564	0.0002	0.1261	0.1563	0.1565
Ti3349	334.904 {1	Y_3600	ppm	0.0331	0.0001	0.2491	0.0331	0.033
Tl1908	190.856 {4	In2306	ppm	0.002	0.0009	44.25	0.0026	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0147	0.0002	1.042	0.0146	0.0148
Zn2062	206.200 {4	In2306	ppm	0.1182	0.0001	0.1004	0.1183	0.1181

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.457	0.8178	1.3307	60.879	62.036
In2306	230.606 {4	Cts/S	9025.4	0.24649	0.00273	9025.2	9025.5
Y_2243	224.306 {4	Cts/S	12166	29.488	0.24237	12146	12187
Y_3600	360.073 { 9	Cts/S	47250	99.884	0.21139	47179	47321
Y_3710	371.030 { 9	Cts/S	8315.1	1.1428	0.01374	8315.9	8314.3

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	148.3	-0.0004	0
Al3082	308.215 {1	In2306	ppm	0.0368	0.0579	157.4	-0.0042	0.0777
As1890	189.042 {4	Y_2243	ppm	0	0.0001	514.6	-0.0001	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0191	0.0053	27.65	0.0154	0.0228
Ba4554	455.403 { 7	Y_3710	ppm	0.0198	0.0001	0.5524	0.0198	0.0197
Be3130	313.042 {1	Y_3710	ppm	0	0	20.61	0	0
Ca3158	315.887 {1	In2306	ppm	13.99	0.3094	2.212	13.77	14.21
Ca3181	318.128 {1	In2306	ppm	14.2	0.3547	2.499	13.95	14.45
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	83.4	-0.0001	0

Co2286	228.616 {4	In2306	ppm	0.0003	0	3.865	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	119.2	0.0005	0
Cu3247	324.754 {1	Y_3600	ppm	0.0016	0.0005	33.92	0.0019	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0301	0.0095	31.68	0.0368	0.0233
K_7664	766.490 { 4	Y_3710	ppm	8.749	0.1908	2.181	8.884	8.614
K_7698	769.896 { 4	Y_3710	ppm	8.688	0.1933	2.225	8.825	8.552
Li6707	670.784 { 5	Y_3710	ppm	0.0018	0.0002	13.19	0.002	0.0016
Mg2790	279.079 {1	Y_3710	ppm	3.319	0.0004	0.0125	3.319	3.318
Mn2576	257.610 {1	Y_3600	ppm	0.0138	0.0002	1.391	0.014	0.0137
Mn2576-2	257.610 {1	Y_3710	ppm	0.0139	0.0008	6.086	0.0133	0.0145
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	5.857	0.0023	0.0022
Na5895	589.592 { 5	Y_3710	ppm	27.73	0.5724	2.064	28.14	27.33
Na8183	818.326 { 4	Y_3710	ppm	26.51	0.1675	0.6316	26.63	26.39
Ni2316	231.604 {4	In2306	ppm	0.0009	0	3.885	0.0009	0.0009
P_1782	178.284 {4	In2306	ppm	2.307	0.0003	0.0111	2.307	2.307
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	44.86	0.0002	0.0004
S_1820	182.034 {4	Y_2243	ppm	-186.7	0.0016	0.0009	-186.7	-186.7
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0013	57.82	0.0032	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0028	433.4	-0.0026	0.0013
Si2516	251.611 {1	Y_3710	ppm	1.934	0.0175	0.9071	1.922	1.947
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	55.26	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0658	0.0004	0.676	0.0655	0.0662
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	113.4	0.0004	0
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0001	5.667	0.0016	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0044	0.0002	4.79	0.0045	0.0042
Zn2062	206.200 {4	In2306	ppm	0.0132	0.0006	4.497	0.0128	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.277	1.2493	2.0387	62.161	60.394
In2306	230.606 {4	Cts/S	9488.8	20.546	0.21653	9474.2	9503.3
Y_2243	224.306 {4	Cts/S	12418	32.842	0.26447	12395	12442
Y_3600	360.073 { 9	Cts/S	46760	144.04	0.30804	46862	46658
Y_3710	371.030 { 9	Cts/S	8490.5	15.081	0.17762	8501.1	8479.8

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:32:20
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0011	243.5	0.0012	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0503	0.0251	49.83	0.0326	0.068
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0015	1006	0.0009	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0076	0.009	118.4	-0.0012	-0.0139
Ba4554	455.403 { 7	Y_3710	ppm	0.009	0.0001	0.6465	0.0089	0.009
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	321.1	-0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	5.803	0.0387	0.667	5.83	5.775
Ca3181	318.128 {1	In2306	ppm	5.953	0.0731	1.228	6.005	5.901

Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	14.28	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	16.12	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0	3.543	0.0004	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0.0001	186.3	-0.0002	0
Fe2404	240.488 {1	In2306	ppm	0.3122	0.01	3.191	0.3051	0.3192
K_7664	766.490 { 4	Y_3710	ppm	0.7137	0.0025	0.3459	0.7155	0.712
K_7698	769.896 { 4	Y_3710	ppm	0.4546	0.007	1.545	0.4596	0.4497
Li6707	670.784 { 5	Y_3710	ppm	0.0009	0.0002	21.76	0.0011	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.1389	0.0009	0.6271	0.1382	0.1395
Mn2576	257.610 {1	Y_3600	ppm	0.0064	0	0.1381	0.0064	0.0064
Mn2576-2	257.610 {1	Y_3710	ppm	0.0061	0.0007	12.31	0.0055	0.0066
Mo2020	202.030 {4	Y_2243	ppm	0.0014	0.0002	17.15	0.0016	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.821	0.0007	0.0881	0.8205	0.8215
Na8183	818.326 { 4	Y_3710	ppm	0.9201	0.0436	4.743	0.951	0.8893
Ni2316	231.604 {4	In2306	ppm	0.0032	0.0001	3.272	0.0032	0.0033
P_1782	178.284 {4	In2306	ppm	0.0593	0.0432	72.73	0.0288	0.0899
Pb2203	220.353 {4	In2306	ppm	0.0007	0	4.874	0.0007	0.0007
S_1820	182.034 {4	Y_2243	ppm	-23.53	2.591	11.01	-21.7	-25.36
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0003	13.5	0.0021	0.0025
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0008	767.4	0.0004	-0.0006
Si2516	251.611 {1	Y_3710	ppm	0.3857	0.0024	0.6263	0.384	0.3874
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	10.4	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0179	0.0001	0.3679	0.0179	0.0178
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0008	31.02	0.003	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0001	8.898	0.001	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0003	68.3	-0.0005	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0297	0.0005	1.645	0.03	0.0293

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.142	0.02305	0.03709	62.158	62.125
In2306	230.606 {4	Cts/S	10031	23.448	0.23376	10048	10015
Y_2243	224.306 {4	Cts/S	12746	28.117	0.22059	12766	12726
Y_3600	360.073 { 9	Cts/S	45704	49.034	0.10729	45669	45739
Y_3710	371.030 { 9	Cts/S	8614.1	35.964	0.4175	8639.5	8588.6

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:34:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	179.9	-0.0005	0.0001
Al3082	308.215 {1	In2306	ppm	0.1225	0.01	8.152	0.1155	0.1296
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0003	25.19	0.001	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0219	0.0007	3.066	0.0215	0.0224
Ba4554	455.403 { 7	Y_3710	ppm	0.0138	0	0.13	0.0138	0.0137
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	8.435	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	11.53	0.0307	0.2663	11.55	11.5

Ca3181	318.128 {1	In2306	ppm	11.74	0.0972	0.8278	11.81	11.67
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	33.11	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	28.53	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0003	25.64	0.001	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0004	9.58	0.0042	0.0036
Fe2404	240.488 {1	In2306	ppm	0.2736	0.0195	7.12	0.2874	0.2599
K_7664	766.490 { 4	Y_3710	ppm	4.674	0.0701	1.501	4.624	4.723
K_7698	769.896 { 4	Y_3710	ppm	4.469	0.0371	0.8302	4.443	4.495
Li6707	670.784 { 5	Y_3710	ppm	0.0034	0.0002	4.372	0.0035	0.0033
Mg2790	279.079 {1	Y_3710	ppm	0.3749	0.005	1.332	0.3713	0.3784
Mn2576	257.610 {1	Y_3600	ppm	0.0077	0.0002	2.544	0.0078	0.0075
Mn2576-2	257.610 {1	Y_3710	ppm	0.0064	0	0.6207	0.0064	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0001	1.869	0.0037	0.0036
Na5895	589.592 { 5	Y_3710	ppm	4.452	0.0859	1.93	4.392	4.513
Na8183	818.326 { 4	Y_3710	ppm	4.197	0.046	1.096	4.164	4.229
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0002	10.29	0.0016	0.0018
P_1782	178.284 {4	In2306	ppm	0.0327	0.0039	11.95	0.0299	0.0355
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0006	91.09	0.0011	0.0002
S_1820	182.034 {4	Y_2243	ppm	-76.43	1.268	1.659	-77.32	-75.53
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0004	56.43	0.001	0.0004
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0004	38.7	-0.0007	-0.0012
Si2516	251.611 {1	Y_3710	ppm	1.036	0.0049	0.4698	1.039	1.032
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	208.4	0	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0452	0.0002	0.3408	0.045	0.0453
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	39.4	0.0012	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0004	94.4	-0.0008	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0002	14.87	0.0013	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0651	0.0006	0.8911	0.0655	0.0647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.632	0.09325	0.1538	60.698	60.566
In2306	230.606 {4	Cts/S	9822	34.504	0.35129	9797.6	9846.4
Y_2243	224.306 {4	Cts/S	12517	75.953	0.60681	12463	12570
Y_3600	360.073 { 9	Cts/S	46011	74.499	0.16192	45958	46064
Y_3710	371.030 { 9	Cts/S	8437.8	3.7361	0.04428	8435.2	8440.4

[Sample Header]
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SampleName=600-48796-C-1-A
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:37:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	43.94	0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.2015	0.002	0.9836	0.2029	0.2001
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0002	31.22	0.0006	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.8464	0.018	2.132	0.8336	0.8591
Ba4554	455.403 { 7	Y_3710	ppm	0.0465	0.0004	0.9102	0.0468	0.0462
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	517	0.0001	0

Ca3158	315.887 {1	In2306	ppm	146.8	2.058	1.402	145.3	148.2
Ca3181	318.128 {1	In2306	ppm	148.7	1.979	1.331	147.3	150.1
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	29.59	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0011	0	2.405	0.0011	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0002	10.57	0.0021	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.0008	0.0006	71.83	0.0004	0.0012
Fe2404	240.488 {1	In2306	ppm	0.1547	0.0146	9.429	0.1444	0.165
K_7664	766.490 { 4	Y_3710	ppm	1.892	0.0128	0.6746	1.883	1.901
K_7698	769.896 { 4	Y_3710	ppm	1.679	0.0204	1.215	1.694	1.665
Li6707	670.784 { 5	Y_3710	ppm	0.0272	0.0001	0.4279	0.0272	0.0271
Mg2790	279.079 {1	Y_3710	ppm	192.1	0.1369	0.0713	192.2	192
Mn2576	257.610 {1	Y_3600	ppm	0.9304	0.0052	0.5637	0.9341	0.9267
Mn2576-2	257.610 {1	Y_3710	ppm	0.9818	0.0038	0.3821	0.9792	0.9845
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0.0002	18.09	0.0011	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2175	2.594	0.1193	2177	2173
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0004	11.97	0.004	0.0033
P_1782	178.284 {4	In2306	ppm	0.2841	0.0017	0.6008	0.2829	0.2853
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0017	1167	0.0011	-0.0014
S_1820	182.034 {4	Y_2243	ppm	-5850	39.65	0.6779	-5878	-5822
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0014	151.3	0.0019	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0012	57.39	0.0029	0.0012
Si2516	251.611 {1	Y_3710	ppm	9.082	0.0658	0.7244	9.036	9.129
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0007	203.5	0.0002	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	1.905	0.0025	0.1315	1.903	1.906
Ti3349	334.904 {1	Y_3600	ppm	0.0042	0.0001	1.761	0.0043	0.0042
Tl1908	190.856 {4	In2306	ppm	-0.0034	0.0005	15.21	-0.0038	-0.003
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0004	55.45	0.001	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0061	0.0003	4.914	0.0059	0.0063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.487	0.79654	1.4355	56.05	54.924
In2306	230.606 {4	Cts/S	6482.3	7.5455	0.1164	6477	6487.7
Y_2243	224.306 {4	Cts/S	9684.6	15.669	0.16179	9673.5	9695.6
Y_3600	360.073 { 9	Cts/S	48388	85.014	0.17569	48448	48328
Y_3710	371.030 { 9	Cts/S	7831	12.107	0.15461	7839.6	7822.5

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Username=admin
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Run Time=1/25/2012 9:40:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0002	0.0885	0.244	0.2437
Al3082	308.215 {1	In2306	ppm	2.383	0.0506	2.124	2.347	2.418
As1890	189.042 {4	Y_2243	ppm	0.4744	0.0037	0.7707	0.477	0.4718
B_2496	249.678 {1	Y_3710	ppm	0.4867	0.0062	1.267	0.4823	0.491
Ba4554	455.403 { 7	Y_3710	ppm	0.483	0.0008	0.1741	0.4836	0.4825

Be3130	313.042 {1(	Y_3710	ppm	0.4928	0.0009	0.1867	0.4934	0.4921
Ca3158	315.887 {1(	In2306	ppm	11.71	0.1816	1.551	11.58	11.84
Ca3181	318.128 {1(	In2306	ppm	11.89	0.1774	1.492	11.76	12.01
Cd2288	228.802 {4.	Y_2243	ppm	0.4781	0.0044	0.9127	0.4812	0.475
Co2286	228.616 {4.	In2306	ppm	0.4875	0.0054	1.114	0.4913	0.4836
Cr2677	267.716 {1:	Y_3600	ppm	0.4977	0.0045	0.9078	0.5009	0.4945
Cu3247	324.754 {1(	Y_3600	ppm	0.4844	0.0011	0.2361	0.4836	0.4852
Fe2404	240.488 {1.	In2306	ppm	2.336	0.0816	3.491	2.278	2.394
K_7664	766.490 { 4	Y_3710	ppm	13.07	0.0446	0.3411	13.11	13.04
K_7698	769.896 { 4	Y_3710	ppm	13.17	0.0215	0.1636	13.15	13.18
Li6707	670.784 { 5	Y_3710	ppm	0.5133	0.0014	0.263	0.5142	0.5123
Mg2790	279.079 {1:	Y_3710	ppm	4.92	0.0673	1.368	4.967	4.872
Mn2576	257.610 {1:	Y_3600	ppm	0.4866	0.0004	0.0792	0.4869	0.4864
Mn2576-2	257.610 {1:	Y_3710	ppm	0.4654	0.0023	0.5005	0.467	0.4637
Mo2020	202.030 {4(	Y_2243	ppm	0.4768	0.0064	1.337	0.4813	0.4723
Na5895	589.592 { 5	Y_3710	ppm	13.23	0.1118	0.8452	13.31	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.83	0.128	0.9974	12.93	12.74
Ni2316	231.604 {4.	In2306	ppm	0.4739	0.0059	1.238	0.4781	0.4698
P_1782	178.284 {4!	In2306	ppm	0.0047	0.0009	18.4	0.0041	0.0053
Pb2203	220.353 {4!	In2306	ppm	0.4784	0.0076	1.59	0.4838	0.473
S_1820	182.034 {4!	Y_2243	ppm	-66.89	30.63	45.8	-45.23	-88.55
Sb2068	206.833 {4(	Y_2243	ppm	0.4632	0.0048	1.027	0.4666	0.4598
Se1960	196.090 {4'	Y_2243	ppm	0.4781	0.0021	0.4452	0.4796	0.4766
Si2516	251.611 {1:	Y_3710	ppm	0.8207	0.016	1.948	0.832	0.8094
Sn1899	189.989 {4'	In2306	ppm	0.4961	0.0075	1.522	0.5014	0.4907
Sr4215	421.552 { 8	Y_3710	ppm	0.2439	0.0001	0.0284	0.244	0.2439
Ti3349	334.904 {1(	Y_3600	ppm	0.5072	0.0004	0.0864	0.5075	0.5068
Tl1908	190.856 {4'	In2306	ppm	0.48	0.0168	3.501	0.4919	0.4681
V_2924	292.402 {1	Y_3600	ppm	0.5051	0.0002	0.0315	0.5052	0.505
Zn2062	206.200 {4(	In2306	ppm	0.485	0.006	1.227	0.4892	0.4808

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1.	Cts/S	63.79	1.105	1.7323	64.571	63.009
In2306	230.606 {4.	Cts/S	9504	116.06	1.2211	9586.1	9421.9
Y_2243	224.306 {4!	Cts/S	12601	111.42	0.88421	12679	12522
Y_3600	360.073 { 9	Cts/S	47156	26.488	0.05617	47175	47137
Y_3710	371.030 { 9	Cts/S	8529.7	17.222	0.2019	8517.5	8541.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:42:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	ppm	0.0047	0.0001	1.375	0.0047	0.0046
Al3082	308.215 {1(	In2306	ppm	0.0657	0.0117	17.74	0.074	0.0575
As1890	189.042 {4'	Y_2243	ppm	0.0092	0.0001	0.9143	0.0093	0.0091
B_2496	249.678 {1:	Y_3710	ppm	0.0061	0.0043	70.44	0.0031	0.0092

Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0001	0.5619	0.0094	0.0095
Be3130	313.042 {1(	Y_3710	ppm	0.0046	0.0001	3.157	0.0047	0.0045
Ca3158	315.887 {1(	In2306	ppm	0.0925	0.0028	3.049	0.0905	0.0945
Ca3181	318.128 {1(	In2306	ppm	0.2579	0.0492	19.07	0.2927	0.2231
Cd2288	228.802 {4(	Y_2243	ppm	0.005	0.0005	9.387	0.0047	0.0054
Co2286	228.616 {4(	In2306	ppm	0.01	0.0004	3.754	0.0098	0.0103
Cr2677	267.716 {1:	Y_3600	ppm	0.0095	0	0.2282	0.0095	0.0095
Cu3247	324.754 {1(	Y_3600	ppm	0.0086	0.0003	3.536	0.0084	0.0088
Fe2404	240.488 {1(	In2306	ppm	0.0897	0.0182	20.23	0.1026	0.0769
K_7664	766.490 { 4	Y_3710	ppm	0.6231	0.0233	3.731	0.6396	0.6067
K_7698	769.896 { 4	Y_3710	ppm	0.3371	0.0415	12.32	0.3664	0.3077
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0001	1.209	0.0095	0.0094
Mg2790	279.079 {1:	Y_3710	ppm	0.0793	0.0242	30.5	0.0622	0.0963
Mn2576	257.610 {1:	Y_3600	ppm	0.0101	0	0.3287	0.0101	0.0101
Mn2576-2	257.610 {1:	Y_3710	ppm	0.0104	0.0026	24.59	0.0086	0.0122
Mo2020	202.030 {4(	Y_2243	ppm	0.011	0.0007	6.04	0.0105	0.0114
Na5895	589.592 { 5	Y_3710	ppm	0.7561	0.0127	1.683	0.7651	0.7471
Na8183	818.326 { 4	Y_3710	ppm	0.6254	0.0913	14.6	0.6899	0.5608
Ni2316	231.604 {4(	In2306	ppm	0.0101	0.0007	7.108	0.0096	0.0106
P_1782	178.284 {4!	In2306	ppm	0.0122	0.0001	0.918	0.0123	0.0121
Pb2203	220.353 {4!	In2306	ppm	0.0106	0.0006	5.839	0.0102	0.011
S_1820	182.034 {4!	Y_2243	ppm	-0.5811	0.03	5.156	-0.5599	-0.6023
Sb2068	206.833 {4(	Y_2243	ppm	0.0156	0.0005	3.186	0.0153	0.016
Se1960	196.090 {4'	Y_2243	ppm	0.0097	0.0002	2.33	0.0099	0.0095
Si2516	251.611 {1:	Y_3710	ppm	-0.0075	0.0032	42.92	-0.0098	-0.0052
Sn1899	189.989 {4'	In2306	ppm	0.0101	0.0005	4.807	0.0098	0.0104
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0003	5.456	0.0049	0.0046
Ti3349	334.904 {1(	Y_3600	ppm	0.0097	0.0002	1.895	0.0098	0.0096
Tl1908	190.856 {4'	In2306	ppm	0.0123	0.0015	11.81	0.0113	0.0133
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0004	4.069	0.0104	0.0098
Zn2062	206.200 {4(	In2306	ppm	0.0088	0.0005	5.525	0.0085	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1(	Cts/S	62.937	1.4889	2.3657	61.884	63.99
In2306	230.606 {4(	Cts/S	10197	15.848	0.15541	10208	10186
Y_2243	224.306 {4!	Cts/S	12903	20.083	0.15565	12917	12889
Y_3600	360.073 { 9	Cts/S	46429	23.658	0.05095	46446	46413
Y_3710	371.030 { 9	Cts/S	8757.5	67.448	0.77018	8709.8	8805.2

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:45:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	ppm	0.0004	0	4.327	0.0004	0.0004
Al3082	308.215 {1(	In2306	ppm	-0.0399	0.031	77.73	-0.0618	-0.018
As1890	189.042 {4'	Y_2243	ppm	0.0007	0.0009	136.1	0	0.0013

B_2496	249.678 {1:	Y_3710	ppm	0.0016	0.0003	18.83	0.0014	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0	54.81	0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0002	75.76	-0.0003	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0084	0.0063	75.08	-0.0129	-0.0039
Ca3181	318.128 {1	In2306	ppm	0.1019	0.0407	39.92	0.0731	0.1307
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	424.4	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	81.59	0.0001	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	47.09	0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	3.407	-0.0016	-0.0015
Fe2404	240.488 {1	In2306	ppm	-0.004	0.0019	47.75	-0.0026	-0.0053
K_7664	766.490 { 4	Y_3710	ppm	0.0254	0.0019	7.4	0.0267	0.024
K_7698	769.896 { 4	Y_3710	ppm	-0.0302	0.0012	4.087	-0.0311	-0.0293
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0	4.953	0.0003	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0217	0.0086	39.58	-0.0278	-0.0157
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	14.91	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0006	90.98	-0.0002	-0.001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	63.01	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0726	0.0049	6.79	0.0761	0.0691
Na8183	818.326 { 4	Y_3710	ppm	0.1754	0.0566	32.27	0.1354	0.2154
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.49	0	0.0002
P_1782	178.284 {4	In2306	ppm	0.0008	0.0007	85.77	0.0012	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0004	127.9	0	0.0006
S_1820	182.034 {4	Y_2243	ppm	-0.9523	0.1762	18.5	-0.8277	-1.077
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0009	19	0.004	0.0052
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0002	14.77	-0.0012	-0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0074	0.0211	283.4	-0.0224	0.0075
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	397.6	-0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	44.41	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0002	29.27	-0.0007	-0.0005
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0003	47.83	0.0009	0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	81.82	-0.0002	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0002	75.3	0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.16	0.11998	0.19943	60.245	60.076
In2306	230.606 {4	Cts/S	10174	18.284	0.17972	10187	10161
Y_2243	224.306 {4	Cts/S	12894	36.113	0.28007	12920	12869
Y_3600	360.073 { 9	Cts/S	45323	30.69	0.06771	45301	45344
Y_3710	371.030 { 9	Cts/S	8423.6	81.736	0.97032	8365.8	8481.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:47:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	21.06	0.0004	0.0005
Al3082	308.215 {1	In2306	ppm	0.2448	0.0081	3.317	0.239	0.2505

As1890	189.042 {4	Y_2243	ppm	0.0003	0.0012	407.8	0.0011	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.8167	0.0219	2.678	0.8013	0.8322
Ba4554	455.403 { 7	Y_3710	ppm	0.0433	0.0001	0.2061	0.0433	0.0432
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.76	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	150.8	1.044	0.6923	151.5	150
Ca3181	318.128 {1	In2306	ppm	153	0.9585	0.6265	153.7	152.3
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	16.24	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.001	0.0002	19.04	0.0008	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0007	36.01	0.0015	0.0026
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.54	-0.0022	-0.0019
Fe2404	240.488 {1	In2306	ppm	0.1552	0.0178	11.49	0.1678	0.1426
K_7664	766.490 { 4	Y_3710	ppm	1.74	0.0348	1.998	1.716	1.765
K_7698	769.896 { 4	Y_3710	ppm	1.547	0.0579	3.745	1.506	1.588
Li6707	670.784 { 5	Y_3710	ppm	0.025	0.001	3.87	0.0243	0.0257
Mg2790	279.079 {1	Y_3710	ppm	194.8	0.3015	0.1548	195	194.5
Mn2576	257.610 {1	Y_3600	ppm	0.9318	0.0039	0.4154	0.9291	0.9345
Mn2576-2	257.610 {1	Y_3710	ppm	0.9856	0.0014	0.1423	0.9866	0.9846
Mo2020	202.030 {4	Y_2243	ppm	0.0016	0.0002	15.39	0.0014	0.0017
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2071	26.13	1.262	2053	2090
Ni2316	231.604 {4	In2306	ppm	0.0034	0	0.8725	0.0033	0.0034
P_1782	178.284 {4	In2306	ppm	0.2906	0.0001	0.0201	0.2905	0.2906
Pb2203	220.353 {4	In2306	ppm	-0.0001	0	28.24	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-5719	19.33	0.338	-5732	-5705
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0014	225.7	0.0016	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0002	18.54	0.001	0.0013
Si2516	251.611 {1	Y_3710	ppm	8.838	0.0887	1.004	8.775	8.9
Sn1899	189.989 {4	In2306	ppm	0.0004	0	2.386	0.0004	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.86	0.0128	0.6871	1.851	1.869
Ti3349	334.904 {1	Y_3600	ppm	0.0044	0.0014	32.82	0.0054	0.0034
Tl1908	190.856 {4	In2306	ppm	-0.0028	0.0007	23.56	-0.0033	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	22.26	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0046	0.0001	1.882	0.0046	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.343	0.1653	0.29338	56.46	56.226
In2306	230.606 {4	Cts/S	6615.9	9.8627	0.14907	6622.9	6609
Y_2243	224.306 {4	Cts/S	10002	16.122	0.16119	10013	9990.6
Y_3600	360.073 { 9	Cts/S	48716	68.765	0.14115	48765	48667
Y_3710	371.030 { 9	Cts/S	7965	38.957	0.4891	7992.5	7937.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:50:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5592	0.0018	0.3304	0.5605	0.5579

Al3082	308.215 {1	In2306	ppm	11.51	0.0964	0.8375	11.58	11.44
As1890	189.042 {4	Y_2243	ppm	1.084	0.001	0.0938	1.083	1.084
B_2496	249.678 {1	Y_3710	ppm	1.881	0.0003	0.0181	1.881	1.88
Ba4554	455.403 { 7	Y_3710	ppm	0.9899	0.0018	0.1815	0.9886	0.9911
Be3130	313.042 {1	Y_3710	ppm	0.4819	0.0004	0.0902	0.4822	0.4816
Ca3158	315.887 {1	In2306	ppm	161.5	0.0221	0.0137	161.5	161.5
Ca3181	318.128 {1	In2306	ppm	164.9	0.0065	0.004	164.9	164.9
Cd2288	228.802 {4	Y_2243	ppm	0.5557	0.003	0.543	0.5578	0.5536
Co2286	228.616 {4	In2306	ppm	1.03	0.006	0.5859	1.034	1.025
Cr2677	267.716 {1	Y_3600	ppm	0.9131	0.0041	0.4438	0.916	0.9102
Cu3247	324.754 {1	Y_3600	ppm	1.141	0.0016	0.1429	1.142	1.14
Fe2404	240.488 {1	In2306	ppm	10.46	0.0967	0.9246	10.53	10.39
K_7664	766.490 { 4	Y_3710	ppm	12.48	0.0389	0.3117	12.51	12.45
K_7698	769.896 { 4	Y_3710	ppm	12.86	0.0749	0.5821	12.92	12.81
Li6707	670.784 { 5	Y_3710	ppm	0.4906	0.0014	0.2821	0.4916	0.4896
Mg2790	279.079 {1	Y_3710	ppm	205.2	0.7448	0.3629	204.7	205.8
Mn2576	257.610 {1	Y_3600	ppm	1.836	0.0053	0.2894	1.84	1.832
Mn2576-2	257.610 {1	Y_3710	ppm	1.919	0.0092	0.4819	1.926	1.912
Mo2020	202.030 {4	Y_2243	ppm	0.9176	0.0094	1.025	0.9242	0.9109
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2160	0.0936	0.0043	2160	2160
Ni2316	231.604 {4	In2306	ppm	0.9876	0.0052	0.5268	0.9913	0.984
P_1782	178.284 {4	In2306	ppm	0.2805	0.0014	0.4971	0.2795	0.2815
Pb2203	220.353 {4	In2306	ppm	0.9636	0.0072	0.7458	0.9687	0.9585
S_1820	182.034 {4	Y_2243	ppm	-5755	13.21	0.2295	-5764	-5745
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0064	0.6204	1.041	1.032
Se1960	196.090 {4	Y_2243	ppm	1.092	0.002	0.1813	1.093	1.09
Si2516	251.611 {1	Y_3710	ppm	10.17	0.0585	0.5751	10.21	10.13
Sn1899	189.989 {4	In2306	ppm	1.053	0.0069	0.653	1.058	1.048
Sr4215	421.552 { 8	Y_3710	ppm	2.36	0.0016	0.0671	2.359	2.361
Ti3349	334.904 {1	Y_3600	ppm	0.989	0.0073	0.7333	0.9942	0.9839
Tl1908	190.856 {4	In2306	ppm	0.9199	0.0148	1.604	0.9303	0.9094
V_2924	292.402 {1	Y_3600	ppm	0.9802	0.0028	0.2842	0.9822	0.9782
Zn2062	206.200 {4	In2306	ppm	1.084	0.0087	0.8043	1.09	1.077

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.284	0.24772	0.45633	54.109	54.459
In2306	230.606 {4	Cts/S	6493.8	20.065	0.30898	6508	6479.7
Y_2243	224.306 {4	Cts/S	9932.7	29.618	0.29819	9953.7	9911.8
Y_3600	360.073 { 9	Cts/S	47795	307.04	0.6424	47578	48012
Y_3710	371.030 { 9	Cts/S	7809.8	10.823	0.13858	7802.1	7817.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.5619	0.0003	0.0601	0.5621	0.5616
Al3082	308.215 {1	In2306	ppm	11.31	0.2099	1.856	11.16	11.45
As1890	189.042 {4	Y_2243	ppm	1.088	0.0009	0.0805	1.089	1.088
B_2496	249.678 {1	Y_3710	ppm	1.897	0.0108	0.5683	1.904	1.889
Ba4554	455.403 { 7	Y_3710	ppm	0.9995	0.0054	0.5417	1.003	0.9957
Be3130	313.042 {1	Y_3710	ppm	0.49	0.0028	0.5703	0.488	0.492
Ca3158	315.887 {1	In2306	ppm	161.8	2.907	1.797	159.7	163.8
Ca3181	318.128 {1	In2306	ppm	164.6	3.283	1.995	162.3	166.9
Cd2288	228.802 {4	Y_2243	ppm	0.5639	0.0004	0.0621	0.5641	0.5636
Co2286	228.616 {4	In2306	ppm	1.044	0.0037	0.3566	1.046	1.041
Cr2677	267.716 {1	Y_3600	ppm	0.9337	0.0029	0.3089	0.9316	0.9357
Cu3247	324.754 {1	Y_3600	ppm	1.161	0.0001	0.0048	1.161	1.161
Fe2404	240.488 {1	In2306	ppm	10.52	0.2472	2.349	10.35	10.7
K_7664	766.490 { 4	Y_3710	ppm	12.49	0.1209	0.9683	12.57	12.4
K_7698	769.896 { 4	Y_3710	ppm	12.8	0.1184	0.9257	12.88	12.71
Li6707	670.784 { 5	Y_3710	ppm	0.486	0.0074	1.515	0.4912	0.4808
Mg2790	279.079 {1	Y_3710	ppm	209	1.814	0.8681	207.7	210.3
Mn2576	257.610 {1	Y_3600	ppm	1.859	0.0054	0.2922	1.863	1.855
Mn2576-2	257.610 {1	Y_3710	ppm	1.961	0.0067	0.3392	1.956	1.965
Mo2020	202.030 {4	Y_2243	ppm	0.9252	0.0026	0.2834	0.9271	0.9234
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2163	16.39	0.7577	2174	2151
Ni2316	231.604 {4	In2306	ppm	0.9931	0.0014	0.1431	0.9921	0.9941
P_1782	178.284 {4	In2306	ppm	0.2855	0.0003	0.1023	0.2857	0.2853
Pb2203	220.353 {4	In2306	ppm	0.9712	0.0005	0.0488	0.9715	0.9708
S_1820	182.034 {4	Y_2243	ppm	-5750	3.089	0.0537	-5752	-5748
Sb2068	206.833 {4	Y_2243	ppm	1.061	0.0004	0.0331	1.061	1.061
Se1960	196.090 {4	Y_2243	ppm	1.101	0.0017	0.1581	1.099	1.102
Si2516	251.611 {1	Y_3710	ppm	10.21	0.0239	0.234	10.19	10.22
Sn1899	189.989 {4	In2306	ppm	1.068	0.0068	0.6362	1.073	1.063
Sr4215	421.552 { 8	Y_3710	ppm	2.376	0.0022	0.0924	2.377	2.374
Ti3349	334.904 {1	Y_3600	ppm	1.016	0.0017	0.1664	1.015	1.017
Tl1908	190.856 {4	In2306	ppm	0.9492	0.016	1.681	0.9605	0.9379
V_2924	292.402 {1	Y_3600	ppm	1.01	0.004	0.3974	1.013	1.008
Zn2062	206.200 {4	In2306	ppm	1.099	0.0066	0.5986	1.104	1.094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.258	0.6447	1.1667	55.714	54.802
In2306	230.606 {4	Cts/S	6476.1	7.7022	0.11893	6481.5	6470.6
Y_2243	224.306 {4	Cts/S	9939.9	29.277	0.29454	9960.6	9919.2
Y_3600	360.073 { 9	Cts/S	47504	144.18	0.30351	47605	47402
Y_3710	371.030 { 9	Cts/S	7793.5	15.07	0.19337	7804.2	7782.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0008	0.0005	61.08	0.0012	0.0005
Al3082	308.215	{1	In2306	ppm	0.0902	0.0765	84.76	0.0362	0.1443
As1890	189.042	{4	Y_2243	ppm	0.1219	0.0956	78.37	0.0544	0.1895
B_2496	249.678	{1	Y_3710	ppm	0.6629	0.012	1.817	0.6714	0.6544
Ba4554	455.403	{ 7	Y_3710	ppm	0.1191	0.0002	0.2095	0.1192	0.1189
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0.0001	58.12	-0.0001	-0.0002
Ca3158	315.887	{1	In2306	ppm	2319	30.98	1.336	2297	2341
Ca3181	318.128	{1	In2306	ppm	2562	32.94	1.286	2539	2585
Cd2288	228.802	{4	Y_2243	ppm	0.0654	0.0499	76.27	0.0301	0.1006
Co2286	228.616	{4	In2306	ppm	0.1059	0.0755	71.23	0.0526	0.1593
Cr2677	267.716	{1	Y_3600	ppm	0.0015	0.0013	91.06	0.0005	0.0024
Cu3247	324.754	{1	Y_3600	ppm	-0.0028	0.0001	2.928	-0.0028	-0.0029
Fe2404	240.488	{1	In2306	ppm	-0.0028	0.0107	386.1	-0.0104	0.0048
K_7664	766.490	{ 4	Y_3710	ppm	24.95	0.0465	0.1865	24.98	24.91
K_7698	769.896	{ 4	Y_3710	ppm	26.4	0.0381	0.1442	26.43	26.38
Li6707	670.784	{ 5	Y_3710	ppm	0.3568	0.0009	0.2524	0.3575	0.3562
Mg2790	279.079	{1	Y_3710	ppm	976.9	2.783	0.2849	974.9	978.9
Mn2576	257.610	{1	Y_3600	ppm	6.76	0.0259	0.3824	6.778	6.741
Mn2576-2	257.610	{1	Y_3710	ppm	7.627	0.0079	0.1035	7.621	7.633
Mo2020	202.030	{4	Y_2243	ppm	0.0998	0.0681	68.26	0.0516	0.148
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4042	24.09	0.5961	4025	4059
Ni2316	231.604	{4	In2306	ppm	0.0986	0.0704	71.38	0.0488	0.1484
P_1782	178.284	{4	In2306	ppm	0.0611	0.0174	28.45	0.0488	0.0734
Pb2203	220.353	{4	In2306	ppm	0.0919	0.077	83.83	0.0374	0.1463
S_1820	182.034	{4	Y_2243	ppm	-20970	1509	7.193	-22040	-19910
Sb2068	206.833	{4	Y_2243	ppm	0.1267	0.0819	64.63	0.0688	0.1846
Se1960	196.090	{4	Y_2243	ppm	0.1262	0.1023	81.1	0.0538	0.1986
Si2516	251.611	{1	Y_3710	ppm	8.619	0.0031	0.0358	8.621	8.617
Sn1899	189.989	{4	In2306	ppm	0.1055	0.0722	68.48	0.0544	0.1565
Sr4215	421.552	{ 8	Y_3710	ppm	13.85	0.1192	0.8605	13.77	13.94
Ti3349	334.904	{1	Y_3600	ppm	0.017	0.0005	2.919	0.0167	0.0174
Tl1908	190.856	{4	In2306	ppm	0.0943	0.0752	79.71	0.0412	0.1475
V_2924	292.402	{1	Y_3600	ppm	-0.0055	0.0005	9.793	-0.0059	-0.0051
Zn2062	206.200	{4	In2306	ppm	0.1117	0.0764	68.38	0.0577	0.1658

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.635	0.30279	0.59798	50.849	50.421
In2306	230.606	{4	Cts/S	5042.9	76.744	1.5218	4988.6	5097.2
Y_2243	224.306	{4	Cts/S	7817.8	100.28	1.2827	7746.9	7888.7
Y_3600	360.073	{ 9	Cts/S	44352	78.324	0.1766	44408	44297
Y_3710	371.030	{ 9	Cts/S	7176.7	11.775	0.16407	7168.4	7185

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:58:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.001	790.5	0.0008	-0.0006
Al3082	308.215	{1	In2306	ppm	0.0306	0.0044	14.23	0.0276	0.0337
As1890	189.042	{4	Y_2243	ppm	0.0239	0.0032	13.4	0.0216	0.0262
B_2496	249.678	{1	Y_3710	ppm	1.028	0.015	1.455	1.039	1.017
Ba4554	455.403	{ 7	Y_3710	ppm	0.1094	0.0006	0.5835	0.1099	0.109
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	140.6	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	997.4	18.73	1.878	984.2	1011
Ca3181	318.128	{1	In2306	ppm	1034	21.6	2.089	1019	1050
Cd2288	228.802	{4	Y_2243	ppm	0.0024	0.0025	104.9	0.0006	0.0042
Co2286	228.616	{4	In2306	ppm	0.004	0.0045	112.8	0.0008	0.0072
Cr2677	267.716	{1	Y_3600	ppm	0.0012	0.0005	40.35	0.0016	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0032	0.0003	9.624	-0.003	-0.0034
Fe2404	240.488	{1	In2306	ppm	10.66	0.2275	2.135	10.49	10.82
K_7664	766.490	{ 4	Y_3710	ppm	20.28	0.1805	0.89	20.41	20.16
K_7698	769.896	{ 4	Y_3710	ppm	21.23	0.223	1.051	21.38	21.07
Li6707	670.784	{ 5	Y_3710	ppm	0.1981	0.0015	0.764	0.1992	0.197
Mg2790	279.079	{1	Y_3710	ppm	608	3.63	0.597	605.4	610.6
Mn2576	257.610	{1	Y_3600	ppm	3.35	0.0029	0.0854	3.348	3.352
Mn2576-2	257.610	{1	Y_3710	ppm	3.578	0.0028	0.0779	3.58	3.576
Mo2020	202.030	{4	Y_2243	ppm	0.0089	0.0037	41.36	0.0063	0.0115
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	2252	9.428	0.4187	2258	2245
Ni2316	231.604	{4	In2306	ppm	0.0044	0.0045	102.4	0.0012	0.0076
P_1782	178.284	{4	In2306	ppm	0.1379	0.0052	3.751	0.1416	0.1343
Pb2203	220.353	{4	In2306	ppm	0.0013	0.0021	165.7	-0.0002	0.0027
S_1820	182.034	{4	Y_2243	ppm	-6880	75.53	1.098	-6933	-6826
Sb2068	206.833	{4	Y_2243	ppm	0.0054	0.0042	77.89	0.0024	0.0084
Se1960	196.090	{4	Y_2243	ppm	0.0066	0.0054	82.84	0.0027	0.0104
Si2516	251.611	{1	Y_3710	ppm	9.447	0.0237	0.2511	9.431	9.464
Sn1899	189.989	{4	In2306	ppm	0.0049	0.0053	107.4	0.0012	0.0086
Sr4215	421.552	{ 8	Y_3710	ppm	8.619	0.0318	0.3688	8.596	8.641
Ti3349	334.904	{1	Y_3600	ppm	0.0059	0.0007	11.8	0.0064	0.0054
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.0048	1762	-0.0037	0.0032
V_2924	292.402	{1	Y_3600	ppm	-0.0048	0.0002	4.927	-0.0046	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0118	0.0044	37.2	0.0087	0.0149

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.959	0.82155	1.6122	51.54	50.378
In2306	230.606	{4	Cts/S	6000.4	133.35	2.2224	5906.1	6094.7
Y_2243	224.306	{4	Cts/S	9147.1	198.55	2.1706	9006.7	9287.5
Y_3600	360.073	{ 9	Cts/S	46511	115.32	0.24794	46430	46593
Y_3710	371.030	{ 9	Cts/S	7561.9	2.2449	0.02969	7563.5	7560.3

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:00:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0003	112.4	-0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0974	0.03	30.78	0.1185	0.0762
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0009	76.5	-0.0005	-0.0018
B_2496	249.678 {1	Y_3710	ppm	0.5946	0.0089	1.495	0.5883	0.6009
Ba4554	455.403 { 7	Y_3710	ppm	0.0615	0.0005	0.7361	0.0612	0.0619
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	5.105	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	150.6	1.361	0.9042	151.5	149.6
Ca3181	318.128 {1	In2306	ppm	153.3	1.129	0.7367	154.1	152.5
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	29.61	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0001	0.0004	345.7	-0.0002	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0004	91.59	0.0007	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0024	0	0.1665	-0.0023	-0.0024
Fe2404	240.488 {1	In2306	ppm	0.041	0.0272	66.25	0.0602	0.0218
K_7664	766.490 { 4	Y_3710	ppm	1.899	0.0213	1.123	1.884	1.915
K_7698	769.896 { 4	Y_3710	ppm	1.708	0.0384	2.248	1.681	1.735
Li6707	670.784 { 5	Y_3710	ppm	0.0241	0.0006	2.298	0.0237	0.0245
Mg2790	279.079 {1	Y_3710	ppm	146.6	0.6951	0.4741	147.1	146.1
Mn2576	257.610 {1	Y_3600	ppm	0.1134	0.0001	0.1023	0.1134	0.1135
Mn2576-2	257.610 {1	Y_3710	ppm	0.1146	0.0001	0.0812	0.1146	0.1145
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0.0002	16.72	0.0012	0.0015
Na5895	589.592 { 5	Y_3710	ppm	892.4	23.63	2.648	875.7	909.1
Na8183	818.326 { 4	Y_3710	ppm	1423	14.58	1.024	1413	1434
Ni2316	231.604 {4	In2306	ppm	0.002	0	0.362	0.002	0.002
P_1782	178.284 {4	In2306	ppm	0.2922	0	0.0145	0.2921	0.2922
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0006	123.7	-0.0009	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-3093	6.915	0.2235	-3089	-3098
Sb2068	206.833 {4	Y_2243	ppm	0.0017	0.0001	8.511	0.0018	0.0016
Se1960	196.090 {4	Y_2243	ppm	-0.0005	0.0015	285.9	-0.0016	0.0005
Si2516	251.611 {1	Y_3710	ppm	7.172	0.0046	0.0648	7.169	7.175
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	127.1	-0.0003	0
Sr4215	421.552 { 8	Y_3710	ppm	1.44	0.0014	0.0943	1.439	1.441
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0.0001	4.707	0.002	0.0018
Tl1908	190.856 {4	In2306	ppm	-0.0006	0.0016	269.8	0.0005	-0.0017
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	59.24	-0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0058	0	0.2747	0.0058	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.871	0.17665	0.31618	55.996	55.746
In2306	230.606 {4	Cts/S	6917.2	2.4106	0.03485	6918.9	6915.5
Y_2243	224.306 {4	Cts/S	10264	10.956	0.10674	10256	10272
Y_3600	360.073 { 9	Cts/S	48197	82.519	0.17121	48139	48255
Y_3710	371.030 { 9	Cts/S	7901.6	0.84792	0.01073	7902.2	7901

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Username=admin
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Custom ID3=
Run Time=1/25/2012 10:03:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5508	0.0004	0.0692	0.5511	0.5506
Al3082	308.215 {1	In2306	ppm	11.81	0.1171	0.9923	11.89	11.72
As1890	189.042 {4	Y_2243	ppm	1.082	0.0018	0.1624	1.08	1.083
B_2496	249.678 {1	Y_3710	ppm	1.841	0.0121	0.6546	1.85	1.833
Ba4554	455.403 { 7	Y_3710	ppm	1.005	0.0019	0.1916	1.007	1.004
Be3130	313.042 {1	Y_3710	ppm	0.4728	0.0031	0.6648	0.475	0.4706
Ca3158	315.887 {1	In2306	ppm	164.3	2.195	1.337	165.8	162.7
Ca3181	318.128 {1	In2306	ppm	167.2	2.438	1.458	168.9	165.5
Cd2288	228.802 {4	Y_2243	ppm	0.5581	0.0004	0.0749	0.5584	0.5578
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.083	1.029	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9193	0.0002	0.0263	0.9195	0.9192
Cu3247	324.754 {1	Y_3600	ppm	1.14	0.0067	0.59	1.135	1.145
Fe2404	240.488 {1	In2306	ppm	10.59	0.0722	0.6818	10.64	10.54
K_7664	766.490 { 4	Y_3710	ppm	12.78	0.0057	0.0448	12.78	12.78
K_7698	769.896 { 4	Y_3710	ppm	13.14	0.0447	0.3403	13.1	13.17
Li6707	670.784 { 5	Y_3710	ppm	0.9819	0.0003	0.0296	0.9821	0.9817
Mg2790	279.079 {1	Y_3710	ppm	200.5	1.695	0.8454	201.7	199.3
Mn2576	257.610 {1	Y_3600	ppm	1.842	0.0065	0.3533	1.847	1.838
Mn2576-2	257.610 {1	Y_3710	ppm	1.899	0.0092	0.4857	1.905	1.892
Mo2020	202.030 {4	Y_2243	ppm	0.9042	0.0021	0.23	0.9056	0.9027
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2167	3.058	0.1411	2170	2165
Ni2316	231.604 {4	In2306	ppm	0.9886	0.0025	0.2576	0.9904	0.9868
P_1782	178.284 {4	In2306	ppm	1.609	0.006	0.3758	1.613	1.605
Pb2203	220.353 {4	In2306	ppm	0.9646	0.0008	0.0845	0.9651	0.964
S_1820	182.034 {4	Y_2243	ppm	-5625	2.429	0.0432	-5626	-5623
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0001	0.011	1.052	1.052
Se1960	196.090 {4	Y_2243	ppm	1.078	0.0017	0.161	1.08	1.077
Si2516	251.611 {1	Y_3710	ppm	9.789	0.0386	0.3946	9.816	9.761
Sn1899	189.989 {4	In2306	ppm	1.041	0.0033	0.3186	1.044	1.039
Sr4215	421.552 { 8	Y_3710	ppm	2.337	0.0058	0.2477	2.341	2.333
Ti3349	334.904 {1	Y_3600	ppm	0.9928	0.0023	0.2283	0.9944	0.9912
Tl1908	190.856 {4	In2306	ppm	0.9242	0.0091	0.9823	0.9307	0.9178
V_2924	292.402 {1	Y_3600	ppm	0.9771	0.0034	0.3458	0.9748	0.9795
Zn2062	206.200 {4	In2306	ppm	1.09	0.0002	0.0192	1.09	1.091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.789	0.62577	1.2083	51.347	52.232
In2306	230.606 {4	Cts/S	6478	15.277	0.23583	6467.2	6488.8
Y_2243	224.306 {4	Cts/S	9941.9	20.828	0.2095	9927.2	9956.6
Y_3600	360.073 { 9	Cts/S	47467	48.992	0.10321	47501	47432
Y_3710	371.030 { 9	Cts/S	7728.1	31.919	0.41302	7705.5	7750.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:05:57
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	330.7	-0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	0.0667	0.0161	24.11	0.0781	0.0554
As1890	189.042 {4	Y_2243	ppm	0.002	0.004	200.2	-0.0008	0.0048
B_2496	249.678 {1	Y_3710	ppm	0.1631	0.0035	2.153	0.1607	0.1656
Ba4554	455.403 { 7	Y_3710	ppm	0.0094	0	0.3417	0.0094	0.0094
Be3130	313.042 {1	Y_3710	ppm	0	0	61.94	0	0.0001
Ca3158	315.887 {1	In2306	ppm	29.56	0.2934	0.9925	29.35	29.77
Ca3181	318.128 {1	In2306	ppm	29.85	0.41	1.373	29.56	30.14
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0027	123.7	0.0003	0.0041
Co2286	228.616 {4	In2306	ppm	0.0048	0.006	126.7	0.0005	0.009
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	31.18	0.0004	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0026	0.0002	9.063	-0.0027	-0.0024
Fe2404	240.488 {1	In2306	ppm	0.0214	0.0097	45.42	0.0282	0.0145
K_7664	766.490 { 4	Y_3710	ppm	0.3967	0.0104	2.619	0.4041	0.3894
K_7698	769.896 { 4	Y_3710	ppm	0.1048	0.0102	9.737	0.1121	0.0976
Li6707	670.784 { 5	Y_3710	ppm	0.0053	0.0006	10.94	0.0057	0.0049
Mg2790	279.079 {1	Y_3710	ppm	36.92	0.1807	0.4894	37.05	36.79
Mn2576	257.610 {1	Y_3600	ppm	0.1961	0.0001	0.03	0.1961	0.1961
Mn2576-2	257.610 {1	Y_3710	ppm	0.1935	0.0029	1.484	0.1955	0.1914
Mo2020	202.030 {4	Y_2243	ppm	0.0074	0.0068	92.96	0.0025	0.0122
Na5895	589.592 { 5	Y_3710	ppm	319.2	3.718	1.165	316.6	321.8
Na8183	818.326 { 4	Y_3710	ppm	411	0.8654	0.2106	411.6	410.4
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0058	112.8	0.001	0.0092
P_1782	178.284 {4	In2306	ppm	0.0639	0.0068	10.61	0.0591	0.0687
Pb2203	220.353 {4	In2306	ppm	0.0025	0.0035	138.1	0.0001	0.005
S_1820	182.034 {4	Y_2243	ppm	-1089	19.21	1.764	-1075	-1103
Sb2068	206.833 {4	Y_2243	ppm	0.014	0.0056	39.97	0.0101	0.018
Se1960	196.090 {4	Y_2243	ppm	0.0032	0.004	124.4	0.0004	0.0061
Si2516	251.611 {1	Y_3710	ppm	1.616	0.029	1.795	1.596	1.637
Sn1899	189.989 {4	In2306	ppm	0.0064	0.0075	116.9	0.0011	0.0117
Sr4215	421.552 { 8	Y_3710	ppm	0.3762	0	0.0111	0.3761	0.3762
Ti3349	334.904 {1	Y_3600	ppm	0.0028	0.0003	9.099	0.0027	0.003
Tl1908	190.856 {4	In2306	ppm	0.0117	0.0088	75.23	0.0055	0.0179
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	103.1	0.0005	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0091	0.006	65.54	0.0049	0.0133

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.724	0.99457	1.723	58.427	57.021
In2306	230.606 {4	Cts/S	8142	5.9652	0.07327	8146.2	8137.8
Y_2243	224.306 {4	Cts/S	11512	26.197	0.22757	11530	11493
Y_3600	360.073 { 9	Cts/S	48482	84.186	0.17364	48423	48542
Y_3710	371.030 { 9	Cts/S	8264.2	19.575	0.23686	8250.4	8278.1

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CCV 775456
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:08:40
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2445	0.0006	0.2611	0.244	0.2449
Al3082	308.215 {1	In2306	ppm	2.537	0.0346	1.363	2.561	2.512
As1890	189.042 {4	Y_2243	ppm	0.4725	0.0014	0.2862	0.4716	0.4735
B_2496	249.678 {1	Y_3710	ppm	0.4836	0.0051	1.048	0.4801	0.4872
Ba4554	455.403 { 7	Y_3710	ppm	0.4809	0.0016	0.3399	0.4821	0.4798
Be3130	313.042 {1	Y_3710	ppm	0.4936	0.0014	0.2901	0.4926	0.4946
Ca3158	315.887 {1	In2306	ppm	12.66	0.2448	1.934	12.48	12.83
Ca3181	318.128 {1	In2306	ppm	12.84	0.2166	1.687	12.69	13
Cd2288	228.802 {4	Y_2243	ppm	0.4818	0.0006	0.1226	0.4822	0.4814
Co2286	228.616 {4	In2306	ppm	0.4933	0.001	0.2116	0.494	0.4925
Cr2677	267.716 {1	Y_3600	ppm	0.5001	0.0002	0.0308	0.5002	0.5
Cu3247	324.754 {1	Y_3600	ppm	0.4858	0.0013	0.2629	0.4849	0.4867
Fe2404	240.488 {1	In2306	ppm	2.484	0.022	0.886	2.468	2.499
K_7664	766.490 { 4	Y_3710	ppm	12.76	0.3295	2.582	13	12.53
K_7698	769.896 { 4	Y_3710	ppm	12.86	0.2994	2.329	13.07	12.64
Li6707	670.784 { 5	Y_3710	ppm	0.4949	0.0142	2.863	0.505	0.4849
Mg2790	279.079 {1	Y_3710	ppm	4.853	0.0736	1.517	4.801	4.905
Mn2576	257.610 {1	Y_3600	ppm	0.4903	0.0006	0.1311	0.4908	0.4899
Mn2576-2	257.610 {1	Y_3710	ppm	0.4659	0.0074	1.595	0.4607	0.4712
Mo2020	202.030 {4	Y_2243	ppm	0.4808	0.0005	0.0978	0.4811	0.4804
Na5895	589.592 { 5	Y_3710	ppm	12.74	0.351	2.756	12.98	12.49
Na8183	818.326 { 4	Y_3710	ppm	12.59	0.1698	1.348	12.71	12.47
Ni2316	231.604 {4	In2306	ppm	0.4775	0.0012	0.2568	0.4784	0.4767
P_1782	178.284 {4	In2306	ppm	0.0029	0.0009	30.7	0.0036	0.0023
Pb2203	220.353 {4	In2306	ppm	0.483	0.0008	0.1729	0.4836	0.4824
S_1820	182.034 {4	Y_2243	ppm	-43.05	0.2854	0.6631	-42.85	-43.25
Sb2068	206.833 {4	Y_2243	ppm	0.4698	0.0008	0.1794	0.4692	0.4704
Se1960	196.090 {4	Y_2243	ppm	0.4784	0.003	0.6188	0.4763	0.4805
Si2516	251.611 {1	Y_3710	ppm	0.8067	0.0153	1.897	0.7959	0.8175
Sn1899	189.989 {4	In2306	ppm	0.5046	0.0022	0.4305	0.5061	0.5031
Sr4215	421.552 { 8	Y_3710	ppm	0.2428	0.0002	0.0958	0.243	0.2426
Ti3349	334.904 {1	Y_3600	ppm	0.5103	0.0002	0.035	0.5102	0.5104
Tl1908	190.856 {4	In2306	ppm	0.4988	0.0052	1.034	0.5025	0.4952
V_2924	292.402 {1	Y_3600	ppm	0.5126	0.0004	0.0736	0.5123	0.5128
Zn2062	206.200 {4	In2306	ppm	0.491	0.0009	0.188	0.4916	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.516	0.27993	0.47034	59.714	59.318
In2306	230.606 {4	Cts/S	9611.1	2.1392	0.02226	9609.6	9612.7
Y_2243	224.306 {4	Cts/S	12736	7.0632	0.05546	12741	12731
Y_3600	360.073 { 9	Cts/S	46799	94.167	0.20121	46866	46733
Y_3710	371.030 { 9	Cts/S	8477.8	16.283	0.19206	8466.3	8489.3

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:11:06

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0004	7.405	0.0051	0.0046
Al3082	308.215 {1	In2306	ppm	0.0653	0.0126	19.25	0.0564	0.0741
As1890	189.042 {4	Y_2243	ppm	0.0102	0.0016	15.46	0.0091	0.0114
B_2496	249.678 {1	Y_3710	ppm	0.0048	0.0089	184.5	0.0111	-0.0015
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	2.506	0.0099	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.53	0.0048	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0896	0.0029	3.275	0.0917	0.0876
Ca3181	318.128 {1	In2306	ppm	0.1308	0.0094	7.175	0.1374	0.1241
Cd2288	228.802 {4	Y_2243	ppm	0.0067	0.0027	40.24	0.0048	0.0087
Co2286	228.616 {4	In2306	ppm	0.0121	0.003	24.59	0.01	0.0142
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0004	4.63	0.009	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0008	10.77	0.0083	0.0071
Fe2404	240.488 {1	In2306	ppm	0.0773	0.0154	19.96	0.0664	0.0883
K_7664	766.490 { 4	Y_3710	ppm	0.6487	0.0078	1.207	0.6432	0.6542
K_7698	769.896 { 4	Y_3710	ppm	0.3471	0.0112	3.217	0.3392	0.355
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0	0.3626	0.0099	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.1358	0.0419	30.89	0.1654	0.1061
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0002	1.702	0.0104	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0098	0.0009	9.459	0.0105	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0133	0.0036	27.22	0.0107	0.0159
Na5895	589.592 { 5	Y_3710	ppm	0.8339	0.0014	0.1639	0.8348	0.8329
Na8183	818.326 { 4	Y_3710	ppm	0.8888	0.0741	8.335	0.9412	0.8364
Ni2316	231.604 {4	In2306	ppm	0.0114	0.0031	27.51	0.0092	0.0136
P_1782	178.284 {4	In2306	ppm	0.0132	0.0012	9.043	0.0141	0.0124
Pb2203	220.353 {4	In2306	ppm	0.0123	0.0017	13.74	0.0111	0.0135
S_1820	182.034 {4	Y_2243	ppm	-0.686	0.1216	17.73	-0.6	-0.772
Sb2068	206.833 {4	Y_2243	ppm	0.0189	0.0007	3.962	0.0183	0.0194
Se1960	196.090 {4	Y_2243	ppm	0.0106	0.0007	6.502	0.0101	0.0111
Si2516	251.611 {1	Y_3710	ppm	-0.0253	0.0216	85.21	-0.0101	-0.0406
Sn1899	189.989 {4	In2306	ppm	0.0127	0.0037	29.15	0.0101	0.0153
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0.0003	5.591	0.005	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0104	0.0001	0.8702	0.0104	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0157	0.0045	28.28	0.0126	0.0189
V_2924	292.402 {1	Y_3600	ppm	0.0108	0.0001	0.4718	0.0108	0.0108
Zn2062	206.200 {4	In2306	ppm	0.0106	0.0028	26.01	0.0087	0.0126

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.892	0.71019	1.1858	60.394	59.39
In2306	230.606 {4	Cts/S	10211	2.0427	0.02001	10212	10209
Y_2243	224.306 {4	Cts/S	12964	8.3326	0.06427	12958	12970
Y_3600	360.073 { 9	Cts/S	46043	194.97	0.42345	45905	46181
Y_3710	371.030 { 9	Cts/S	8639.7	26.039	0.30139	8658.1	8621.2

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SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 10:13:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0005	71.31	0.001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.048	0.0358	74.54	-0.0733	-0.0227
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0004	238.3	0.0001	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.0001	0.0183	24030	-0.0128	0.013
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	205.7	0	0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	7.134	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0086	0.0027	31	0.0104	0.0067
Ca3181	318.128 {1	In2306	ppm	0.1718	0.0648	37.73	0.2177	0.126
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0005	153.8	0	0.0007
Co2286	228.616 {4	In2306	ppm	0.0006	0.0004	68.68	0.0003	0.0009
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	517.2	-0.0006	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0006	26.82	-0.0019	-0.0028
Fe2404	240.488 {1	In2306	ppm	-0.0091	0.0077	83.78	-0.0146	-0.0037
K_7664	766.490 { 4	Y_3710	ppm	0.0381	0.0208	54.62	0.0528	0.0234
K_7698	769.896 { 4	Y_3710	ppm	-0.0781	0.0123	15.8	-0.0694	-0.0868
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	93.33	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0335	0.0405	120.8	-0.0622	-0.0049
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	10.01	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0009	521.6	0.0008	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0009	93.02	0.0003	0.0015
Na5895	589.592 { 5	Y_3710	ppm	0.1812	0.0137	7.579	0.1715	0.1909
Na8183	818.326 { 4	Y_3710	ppm	0.1693	0.0386	22.79	0.1966	0.142
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0004	96.26	0.0001	0.0007
P_1782	178.284 {4	In2306	ppm	0.0011	0.0009	85.93	0.0004	0.0017
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0003	557.1	-0.0003	0.0002
S_1820	182.034 {4	Y_2243	ppm	-1.459	0.0935	6.409	-1.525	-1.393
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0009	24.6	0.0044	0.0031
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0002	37.42	-0.0008	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0236	0.0181	76.91	-0.0108	-0.0364
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0007	115.6	0.0001	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	196	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	71.56	0.0001	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	104.7	0.0002	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0008	212.8	-0.0002	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0004	92.93	0.0002	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.978	1.862	3.0535	62.295	59.662
In2306	230.606 {4	Cts/S	10167	54.173	0.53281	10129	10206
Y_2243	224.306 {4	Cts/S	12922	80.819	0.62542	12865	12980
Y_3600	360.073 { 9	Cts/S	46694	2217.8	4.7496	45125	48262
Y_3710	371.030 { 9	Cts/S	8454.3	0.67195	0.00795	8453.9	8454.8

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SampleName=MB 600-70481/1-A
Username=admin
Comment=
Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:16:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0008	803.7	-0.0007	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0382	0.0598	156.6	-0.0804	0.0041
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0003	22.68	-0.0011	-0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0053	0.0043	80.08	0.0023	0.0084
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	46.12	-0.0001	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	25.14	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0073	0.0132	182	0.0021	-0.0166
Ca3181	318.128 {1	In2306	ppm	0.0348	0.0107	30.83	0.0272	0.0424
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	104.7	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0	21.86	0	0
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	1013	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.001	65.21	-0.0022	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.021	0.0023	10.86	-0.0194	-0.0226
K_7664	766.490 { 4	Y_3710	ppm	0.0292	0.0037	12.53	0.0266	0.0318
K_7698	769.896 { 4	Y_3710	ppm	-0.3027	0.0061	2.011	-0.2984	-0.307
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0001	33.51	0.0003	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0147	0.0833	565.8	-0.0736	0.0442
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	7.713	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0012	0.0009	76.61	0.0019	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	168.5	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.1624	0.0032	1.987	0.1647	0.1602
Na8183	818.326 { 4	Y_3710	ppm	0.223	0.0795	35.67	0.2793	0.1668
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0003	145.4	0	-0.0004
P_1782	178.284 {4	In2306	ppm	0.0005	0.0008	173.2	0.0011	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0001	16.41	0.0005	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.405	0.0189	1.344	-1.391	-1.418
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0009	309.9	-0.0004	0.001
Se1960	196.090 {4	Y_2243	ppm	-0.0013	0.0011	84.63	-0.0021	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0373	0.0052	14.02	-0.0336	-0.041
Sn1899	189.989 {4	In2306	ppm	-0.0007	0	1.307	-0.0007	-0.0007
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	73.63	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0004	51.31	0.001	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0001	125.8	0	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0014	349	0.0014	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0014	0	2.555	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.001	2.9739	4.8752	63.104	58.898
In2306	230.606 {4	Cts/S	10292	4.1033	0.03987	10295	10289
Y_2243	224.306 {4	Cts/S	13005	1.8913	0.01454	13006	13004
Y_3600	360.073 { 9	Cts/S	47097	2030.2	4.3107	48532	45661
Y_3710	371.030 { 9	Cts/S	8733.7	27.594	0.31595	8753.2	8714.1

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SampleName=LCS 600-70481/2-A
Username=admin
Comment=

Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:19:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4839	0.0124	2.57	0.4926	0.4751
Al3082	308.215 {1	In2306	ppm	10.01	0.313	3.126	10.23	9.791
As1890	189.042 {4	Y_2243	ppm	0.9275	0.0075	0.807	0.9223	0.9328
B_2496	249.678 {1	Y_3710	ppm	0.9672	0.0109	1.123	0.9749	0.9595
Ba4554	455.403 { 7	Y_3710	ppm	0.9629	0.0026	0.2658	0.9611	0.9647
Be3130	313.042 {1	Y_3710	ppm	0.4866	0.0003	0.055	0.4864	0.4868
Ca3158	315.887 {1	In2306	ppm	10.06	0.2459	2.445	10.23	9.885
Ca3181	318.128 {1	In2306	ppm	10.17	0.1727	1.697	10.3	10.05
Cd2288	228.802 {4	Y_2243	ppm	0.4681	0.0024	0.5151	0.4664	0.4698
Co2286	228.616 {4	In2306	ppm	0.9573	0.0056	0.587	0.9533	0.9613
Cr2677	267.716 {1	Y_3600	ppm	0.966	0.0329	3.41	0.9893	0.9427
Cu3247	324.754 {1	Y_3600	ppm	0.9525	0.0316	3.319	0.9749	0.9302
Fe2404	240.488 {1	In2306	ppm	9.933	0.2285	2.3	10.09	9.771
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.082	0.7867	10.37	10.48
K_7698	769.896 { 4	Y_3710	ppm	10.4	0.0968	0.9298	10.34	10.47
Li6707	670.784 { 5	Y_3710	ppm	0.5064	0.0056	1.112	0.5025	0.5104
Mg2790	279.079 {1	Y_3710	ppm	9.624	0.0856	0.8898	9.685	9.564
Mn2576	257.610 {1	Y_3600	ppm	0.9512	0.0295	3.101	0.972	0.9303
Mn2576-2	257.610 {1	Y_3710	ppm	0.9265	0.0015	0.1656	0.9276	0.9254
Mo2020	202.030 {4	Y_2243	ppm	0.9317	0.0024	0.2525	0.93	0.9334
Na5895	589.592 { 5	Y_3710	ppm	10.35	0.0822	0.7937	10.3	10.41
Na8183	818.326 { 4	Y_3710	ppm	10.06	0.0069	0.0682	10.06	10.05
Ni2316	231.604 {4	In2306	ppm	0.9287	0.0055	0.5924	0.9249	0.9326
P_1782	178.284 {4	In2306	ppm	0.0001	0.0018	1178	0.0014	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.9432	0.0102	1.085	0.9359	0.9504
S_1820	182.034 {4	Y_2243	ppm	-1.496	0.0669	4.472	-1.449	-1.543
Sb2068	206.833 {4	Y_2243	ppm	0.9072	0.0032	0.3549	0.9049	0.9094
Se1960	196.090 {4	Y_2243	ppm	0.936	0.0106	1.13	0.9285	0.9435
Si2516	251.611 {1	Y_3710	ppm	0.7852	0.0311	3.966	0.7632	0.8073
Sn1899	189.989 {4	In2306	ppm	0.9764	0.0018	0.1802	0.9751	0.9776
Sr4215	421.552 { 8	Y_3710	ppm	0.4764	0.0009	0.1936	0.4757	0.477
Ti3349	334.904 {1	Y_3600	ppm	0.9905	0.0344	3.474	1.015	0.9662
Tl1908	190.856 {4	In2306	ppm	0.947	0.0092	0.9755	0.9535	0.9405
V_2924	292.402 {1	Y_3600	ppm	0.9902	0.0288	2.906	1.011	0.9699
Zn2062	206.200 {4	In2306	ppm	0.9481	0.0044	0.4653	0.9449	0.9512

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.266	1.1062	1.8665	58.484	60.048
In2306	230.606 {4	Cts/S	9649.5	104.92	1.0874	9723.7	9575.3
Y_2243	224.306 {4	Cts/S	12822	148.14	1.1553	12927	12717
Y_3600	360.073 { 9	Cts/S	47372	979.67	2.068	46679	48064
Y_3710	371.030 { 9	Cts/S	8462.2	15.94	0.18837	8473.5	8450.9

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Username=admin

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0009	171	-0.0001	0.0011
Al3082	308.215 {1	In2306	ppm	0.0236	0.003	12.57	0.0215	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0076	0.0073	95.56	0.0025	0.0128
B_2496	249.678 {1	Y_3710	ppm	0.5875	0.0119	2.022	0.5959	0.5791
Ba4554	455.403 { 7	Y_3710	ppm	0.1366	0.0007	0.4771	0.137	0.1361
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	338.7	0.0001	0
Ca3158	315.887 {1	In2306	ppm	374	14.27	3.816	364	384.1
Ca3181	318.128 {1	In2306	ppm	379.5	13.89	3.66	369.7	389.3
Cd2288	228.802 {4	Y_2243	ppm	0.004	0.0047	116.4	0.0007	0.0074
Co2286	228.616 {4	In2306	ppm	0.0276	0.0092	33.22	0.0211	0.0341
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	26.5	0.0016	0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0022	0	0.7724	-0.0022	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.3935	0.0533	13.54	0.3558	0.4312
K_7664	766.490 { 4	Y_3710	ppm	3.229	0.0138	0.427	3.238	3.219
K_7698	769.896 { 4	Y_3710	ppm	3.064	0.0313	1.023	3.086	3.042
Li6707	670.784 { 5	Y_3710	ppm	0.0312	0.0001	0.2174	0.0311	0.0312
Mg2790	279.079 {1	Y_3710	ppm	330	0.4921	0.1491	330.4	329.7
Mn2576	257.610 {1	Y_3600	ppm	7.678	0.0083	0.108	7.672	7.684
Mn2576-2	257.610 {1	Y_3710	ppm	8.208	0.0262	0.3188	8.227	8.19
Mo2020	202.030 {4	Y_2243	ppm	0.0102	0.0102	100.1	0.003	0.0174
Na5895	589.592 { 5	Y_3710	ppm	940.2	20.15	2.143	954.4	926
Na8183	818.326 { 4	Y_3710	ppm	1508	0.5304	0.0352	1508	1509
Ni2316	231.604 {4	In2306	ppm	0.0213	0.0089	41.54	0.0151	0.0276
P_1782	178.284 {4	In2306	ppm	0.1008	0.0026	2.559	0.1027	0.099
Pb2203	220.353 {4	In2306	ppm	0.0056	0.0073	131.2	0.0004	0.0108
S_1820	182.034 {4	Y_2243	ppm	-3228	24.01	0.7436	-3245	-3211
Sb2068	206.833 {4	Y_2243	ppm	0.0203	0.0065	32.02	0.0157	0.0249
Se1960	196.090 {4	Y_2243	ppm	0.0084	0.0086	101.7	0.0024	0.0145
Si2516	251.611 {1	Y_3710	ppm	6.278	0.0877	1.397	6.34	6.216
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0109	108	0.0024	0.0177
Sr4215	421.552 { 8	Y_3710	ppm	3.503	0.011	0.3136	3.511	3.495
Ti3349	334.904 {1	Y_3600	ppm	0.0036	0	1.202	0.0036	0.0036
Tl1908	190.856 {4	In2306	ppm	0.0021	0.015	715.2	-0.0085	0.0127
V_2924	292.402 {1	Y_3600	ppm	-0.004	0.0003	6.636	-0.0042	-0.0038
Zn2062	206.200 {4	In2306	ppm	0.0113	0.0098	86.78	0.0044	0.0183

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.75	1.7096	3.241	53.959	51.541
In2306	230.606 {4	Cts/S	6603.2	21.235	0.32159	6588.2	6618.2
Y_2243	224.306 {4	Cts/S	9736.9	15.965	0.16396	9725.6	9748.2
Y_3600	360.073 { 9	Cts/S	48406	12.483	0.02579	48397	48414
Y_3710	371.030 { 9	Cts/S	7841.3	32.992	0.42074	7818	7864.7

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0008	260.8	-0.0002	0.0008
Al3082	308.215 {1	In2306	ppm	0.0447	0.0733	163.8	0.0965	-0.0071
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0008	56.91	0.0009	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.3886	0.0034	0.863	0.391	0.3862
Ba4554	455.403 { 7	Y_3710	ppm	0.0466	0.0002	0.5078	0.0468	0.0464
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	17.16	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	654.7	10.4	1.589	647.4	662.1
Ca3181	318.128 {1	In2306	ppm	667	9.863	1.479	660	673.9
Cd2288	228.802 {4	Y_2243	ppm	0.0013	0.0004	34.04	0.001	0.0016
Co2286	228.616 {4	In2306	ppm	0.0015	0.0008	56.03	0.0009	0.0021
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0009	71.14	0.0007	0.002
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	7.739	-0.0019	-0.0017
Fe2404	240.488 {1	In2306	ppm	0.022	0.0055	25.14	0.0181	0.0259
K_7664	766.490 { 4	Y_3710	ppm	3.869	0.0685	1.77	3.917	3.821
K_7698	769.896 { 4	Y_3710	ppm	3.757	0.0637	1.697	3.802	3.712
Li6707	670.784 { 5	Y_3710	ppm	0.0634	0.0012	1.97	0.0643	0.0625
Mg2790	279.079 {1	Y_3710	ppm	541.9	2.004	0.3698	543.3	540.4
Mn2576	257.610 {1	Y_3600	ppm	3.776	0.004	0.1064	3.773	3.779
Mn2576-2	257.610 {1	Y_3710	ppm	4.18	0.0015	0.0351	4.179	4.181
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.001	46.67	0.0014	0.0027
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	4564	6.794	0.1489	4568	4559
Ni2316	231.604 {4	In2306	ppm	0.0054	0.0012	22.09	0.0045	0.0062
P_1782	178.284 {4	In2306	ppm	0.1101	0.0021	1.902	0.1116	0.1087
Pb2203	220.353 {4	In2306	ppm	-0.0006	0.0007	125.2	-0.0001	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-27690	340.4	1.229	-27930	-27450
Sb2068	206.833 {4	Y_2243	ppm	0.0043	0.0014	32.87	0.0033	0.0054
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0013	37.77	0.0025	0.0044
Si2516	251.611 {1	Y_3710	ppm	8.768	0.0466	0.5314	8.801	8.735
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	32.22	0.0003	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	5.049	0.008	0.1577	5.055	5.044
Ti3349	334.904 {1	Y_3600	ppm	0.0045	0.0002	3.461	0.0046	0.0044
Tl1908	190.856 {4	In2306	ppm	-0.0051	0.001	20.25	-0.0058	-0.0044
V_2924	292.402 {1	Y_3600	ppm	-0.0035	0	0.68	-0.0035	-0.0035
Zn2062	206.200 {4	In2306	ppm	0.006	0.0007	10.85	0.0056	0.0065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.555	0.58364	1.1545	50.968	50.142
In2306	230.606 {4	Cts/S	5460.4	24.941	0.45677	5442.8	5478
Y_2243	224.306 {4	Cts/S	8420.7	61.389	0.72903	8377.3	8464.1
Y_3600	360.073 { 9	Cts/S	46297	98.979	0.21379	46367	46227
Y_3710	371.030 { 9	Cts/S	7392.4	26.309	0.35589	7373.8	7411

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0006	146.8	0	0.0008
Al3082	308.215 {1	In2306	ppm	0.0466	0.0104	22.3	0.0392	0.0539
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0002	17.44	-0.0014	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.2865	0.0024	0.8545	0.2848	0.2882
Ba4554	455.403 { 7	Y_3710	ppm	0.4829	0.002	0.4096	0.4843	0.4815
Be3130	313.042 {1	Y_3710	ppm	0	0	756	0	0
Ca3158	315.887 {1	In2306	ppm	2237	21.38	0.9558	2252	2222
Ca3181	318.128 {1	In2306	ppm	2437	23.48	0.9635	2454	2420
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0002	54.41	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	-0.0003	0.0004	125.7	0	-0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0001	7.375	0.0009	0.001
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	9.217	-0.0022	-0.0019
Fe2404	240.488 {1	In2306	ppm	0.0455	0.0239	52.52	0.0624	0.0286
K_7664	766.490 { 4	Y_3710	ppm	16.12	0.0564	0.3497	16.16	16.08
K_7698	769.896 { 4	Y_3710	ppm	16.8	0.0212	0.1264	16.79	16.82
Li6707	670.784 { 5	Y_3710	ppm	0.2794	0.0021	0.7415	0.2809	0.278
Mg2790	279.079 {1	Y_3710	ppm	210.5	0.6481	0.3079	210	211
Mn2576	257.610 {1	Y_3600	ppm	0.486	0.0011	0.2211	0.4852	0.4867
Mn2576-2	257.610 {1	Y_3710	ppm	0.5176	0	0.0021	0.5176	0.5176
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0001	2.058	0.0025	0.0024
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	1084
Na8183	818.326 { 4	Y_3710	ppm	1953	7.629	0.3907	1958	1947
Ni2316	231.604 {4	In2306	ppm	0.0039	0.0001	3.542	0.004	0.0038
P_1782	178.284 {4	In2306	ppm	0.1057	0.002	1.906	0.1042	0.1071
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0013	132.1	-0.0001	-0.0019
S_1820	182.034 {4	Y_2243	ppm	-7655	126.9	1.658	-7565	-7745
Sb2068	206.833 {4	Y_2243	ppm	-0.0007	0.0022	330.5	0.0009	-0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0029	0.0006	21.3	0.0033	0.0024
Si2516	251.611 {1	Y_3710	ppm	2.275	0.0306	1.347	2.297	2.253
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	1.639	-0.0001	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	8.114	0.0614	0.7565	8.07	8.157
Ti3349	334.904 {1	Y_3600	ppm	0.011	0.0014	12.25	0.012	0.0101
Tl1908	190.856 {4	In2306	ppm	0.0002	0.0017	800.6	0.0014	-0.001
V_2924	292.402 {1	Y_3600	ppm	-0.0011	0.0004	37.63	-0.0008	-0.0014
Zn2062	206.200 {4	In2306	ppm	0.0034	0.0002	5.379	0.0035	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.201	0.71714	1.4576	48.693	49.708
In2306	230.606 {4	Cts/S	5765.6	14.279	0.24766	5775.7	5755.5
Y_2243	224.306 {4	Cts/S	8734	16.957	0.19415	8746	8722
Y_3600	360.073 { 9	Cts/S	47016	145.88	0.31027	47119	46913
Y_3710	371.030 { 9	Cts/S	7511	2.0977	0.02793	7509.5	7512.5

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0	3.069	0.0007	0.0007
Al3082	308.215	{1	In2306	ppm	0.0068	0.0001	1.485	0.0068	0.0069
As1890	189.042	{4	Y_2243	ppm	-0.0028	0.0009	31.1	-0.0022	-0.0034
B_2496	249.678	{1	Y_3710	ppm	0.5125	0.013	2.546	0.5033	0.5217
Ba4554	455.403	{ 7	Y_3710	ppm	0.0421	0.0002	0.4753	0.0422	0.0419
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	170.2	0	-0.0002
Ca3158	315.887	{1	In2306	ppm	387.6	5.484	1.415	383.7	391.5
Ca3181	318.128	{1	In2306	ppm	394.8	5.816	1.473	390.7	399
Cd2288	228.802	{4	Y_2243	ppm	0.0005	0.0001	15.56	0.0004	0.0005
Co2286	228.616	{4	In2306	ppm	0.0002	0.0002	64.35	0.0001	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0002	20.34	0.0011	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0016	0	0.4074	-0.0016	-0.0016
Fe2404	240.488	{1	In2306	ppm	-0.0126	0.0061	48.42	-0.0083	-0.017
K_7664	766.490	{ 4	Y_3710	ppm	5.099	0.0206	0.4036	5.114	5.085
K_7698	769.896	{ 4	Y_3710	ppm	4.98	0.0404	0.8114	5.009	4.952
Li6707	670.784	{ 5	Y_3710	ppm	0.0414	0.0002	0.4478	0.0416	0.0413
Mg2790	279.079	{1	Y_3710	ppm	269.9	1.093	0.4048	269.2	270.7
Mn2576	257.610	{1	Y_3600	ppm	0.0576	0.0002	0.373	0.0577	0.0574
Mn2576-2	257.610	{1	Y_3710	ppm	0.0595	0.0012	2.025	0.0604	0.0586
Mo2020	202.030	{4	Y_2243	ppm	0.0003	0.0003	86.66	0.0001	0.0005
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	920.8	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	1494	0.8426	0.0564	1495	1493
Ni2316	231.604	{4	In2306	ppm	0.0032	0	0.1384	0.0032	0.0032
P_1782	178.284	{4	In2306	ppm	0.1703	0.0009	0.5491	0.1696	0.171
Pb2203	220.353	{4	In2306	ppm	-0.0018	0.0002	8.67	-0.0019	-0.0017
S_1820	182.034	{4	Y_2243	ppm	-6638	21.65	0.3261	-6653	-6623
Sb2068	206.833	{4	Y_2243	ppm	0.0002	0.0017	900.3	-0.001	0.0014
Se1960	196.090	{4	Y_2243	ppm	0.0016	0.0012	76.01	0.0025	0.0008
Si2516	251.611	{1	Y_3710	ppm	8	0.0176	0.2197	7.988	8.013
Sn1899	189.989	{4	In2306	ppm	-0.0003	0.0007	192.5	-0.0008	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	2.279	0.0043	0.1887	2.282	2.276
Ti3349	334.904	{1	Y_3600	ppm	0.0022	0.0007	30.33	0.0027	0.0018
Tl1908	190.856	{4	In2306	ppm	0	0.0027	10550	0.0019	-0.0019
V_2924	292.402	{1	Y_3600	ppm	-0.0018	0.001	55.33	-0.0025	-0.0011
Zn2062	206.200	{4	In2306	ppm	0.0076	0	0.3166	0.0076	0.0076

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	51.091	0.48213	0.94366	51.432	50.75
In2306	230.606	{4	Cts/S	6594.4	25.558	0.38758	6612.4	6576.3
Y_2243	224.306	{4	Cts/S	9849.8	4.0747	0.04137	9852.7	9846.9
Y_3600	360.073	{ 9	Cts/S	47838	109.18	0.22823	47761	47916
Y_3710	371.030	{ 9	Cts/S	7703.1	6.6857	0.08679	7698.3	7707.8

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CorrFactor=1.000
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0	8.669	0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	0.0592	0.0055	9.315	0.0553	0.0631
As1890	189.042 {4	Y_2243	ppm	-0.001	0.0007	69.38	-0.0005	-0.0014
B_2496	249.678 {1	Y_3710	ppm	0.454	0.0117	2.581	0.4457	0.4623
Ba4554	455.403 { 7	Y_3710	ppm	0.0955	0.0001	0.1165	0.0956	0.0955
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	5.879	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	1382	57.79	4.18	1341	1423
Ca3181	318.128 {1	In2306	ppm	1454	60.19	4.138	1412	1497
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	19.58	0.0005	0.0004
Co2286	228.616 {4	In2306	ppm	0.0067	0.0003	4.366	0.007	0.0065
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0006	49.47	0.0017	0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0029	0.0004	14.32	-0.0026	-0.0032
Fe2404	240.488 {1	In2306	ppm	0.2306	0.0245	10.61	0.2133	0.2479
K_7664	766.490 { 4	Y_3710	ppm	14.59	0.0614	0.4204	14.64	14.55
K_7698	769.896 { 4	Y_3710	ppm	15.14	0.0974	0.6435	15.21	15.07
Li6707	670.784 { 5	Y_3710	ppm	0.2363	0.001	0.4074	0.237	0.2356
Mg2790	279.079 {1	Y_3710	ppm	813.7	1.715	0.2107	814.9	812.5
Mn2576	257.610 {1	Y_3600	ppm	3.997	0.016	0.4015	3.986	4.009
Mn2576-2	257.610 {1	Y_3710	ppm	4.264	0.0119	0.2786	4.272	4.255
Mo2020	202.030 {4	Y_2243	ppm	0.0014	0.0001	10.57	0.0015	0.0013
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3702	36.52	0.9865	3676	3728
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0004	17.93	0.0024	0.0019
P_1782	178.284 {4	In2306	ppm	0.1035	0.0033	3.145	0.1058	0.1012
Pb2203	220.353 {4	In2306	ppm	-0.0013	0.0004	31.04	-0.0016	-0.001
S_1820	182.034 {4	Y_2243	ppm	-18050	96.6	0.5353	-18110	-17980
Sb2068	206.833 {4	Y_2243	ppm	-0.0003	0.0001	21.85	-0.0003	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0004	11.33	0.0032	0.0037
Si2516	251.611 {1	Y_3710	ppm	9.06	0.0166	0.1833	9.048	9.072
Sn1899	189.989 {4	In2306	ppm	0.0008	0	5.3	0.0007	0.0008
Sr4215	421.552 { 8	Y_3710	ppm	10.56	0.0143	0.1351	10.57	10.55
Ti3349	334.904 {1	Y_3600	ppm	0.0072	0.0009	12.12	0.0079	0.0066
Tl1908	190.856 {4	In2306	ppm	-0.006	0.0017	28.58	-0.0048	-0.0072
V_2924	292.402 {1	Y_3600	ppm	-0.0059	0	0.3512	-0.0059	-0.0059
Zn2062	206.200 {4	In2306	ppm	0.0061	0.0004	6.492	0.0064	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	45.775	1.7954	3.9223	47.045	44.505
In2306	230.606 {4	Cts/S	5352.6	1.5423	0.02881	5351.5	5353.7
Y_2243	224.306 {4	Cts/S	8283.3	24	0.28973	8300.3	8266.4
Y_3600	360.073 { 9	Cts/S	44872	7.4806	0.01667	44867	44877
Y_3710	371.030 { 9	Cts/S	7271.4	21.977	0.30223	7255.9	7286.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:35:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0009	132.8	0	0.0013
Al3082	308.215 {1	In2306	ppm	-0.0028	0.0605	2172	-0.0456	0.04
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0017	1795	-0.0013	0.0011
B_2496	249.678 {1	Y_3710	ppm	0.6095	0.0004	0.0662	0.6098	0.6092
Ba4554	455.403 { 7	Y_3710	ppm	0.0574	0.0001	0.1829	0.0575	0.0573
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	3227	0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	1153	50.3	4.362	1189	1118
Ca3181	318.128 {1	In2306	ppm	1196	52	4.346	1233	1160
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	12.85	0.0005	0.0004
Co2286	228.616 {4	In2306	ppm	0.0062	0.0001	1.007	0.0062	0.0061
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0	4.342	0.0011	0.0012
Cu3247	324.754 {1	Y_3600	ppm	-0.0032	0.0003	9.486	-0.003	-0.0034
Fe2404	240.488 {1	In2306	ppm	0.3	0.0197	6.55	0.2861	0.3139
K_7664	766.490 { 4	Y_3710	ppm	7.768	0.0578	0.7442	7.809	7.728
K_7698	769.896 { 4	Y_3710	ppm	7.893	0.048	0.6079	7.927	7.859
Li6707	670.784 { 5	Y_3710	ppm	0.1636	0.0011	0.6994	0.1644	0.1628
Mg2790	279.079 {1	Y_3710	ppm	799.3	1.384	0.1731	798.3	800.2
Mn2576	257.610 {1	Y_3600	ppm	2.351	0.0087	0.369	2.345	2.357
Mn2576-2	257.610 {1	Y_3710	ppm	2.535	0.0057	0.2268	2.531	2.539
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0	1.919	0.0012	0.0012
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5436	13.82	0.2542	5427	5446
Ni2316	231.604 {4	In2306	ppm	0.0007	0	0.3933	0.0007	0.0008
P_1782	178.284 {4	In2306	ppm	0.1489	0.0001	0.0921	0.149	0.1488
Pb2203	220.353 {4	In2306	ppm	-0.0012	0.0024	195	0.0005	-0.0029
S_1820	182.034 {4	Y_2243	ppm	-25390	361.2	1.422	-25650	-25140
Sb2068	206.833 {4	Y_2243	ppm	-0.0022	0.0016	71.57	-0.0033	-0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0029	0.0015	52.78	0.004	0.0018
Si2516	251.611 {1	Y_3710	ppm	9.493	0.0246	0.2591	9.476	9.511
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	191.7	0.0003	0
Sr4215	421.552 { 8	Y_3710	ppm	8.704	0.0125	0.1442	8.695	8.713
Ti3349	334.904 {1	Y_3600	ppm	0.0069	0.0005	6.903	0.0065	0.0072
Tl1908	190.856 {4	In2306	ppm	-0.0048	0.0006	12.19	-0.0052	-0.0043
V_2924	292.402 {1	Y_3600	ppm	-0.0051	0	0.0269	-0.0051	-0.0051
Zn2062	206.200 {4	In2306	ppm	0.0047	0.0001	2.231	0.0048	0.0047

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.38	2.1031	4.5344	44.893	47.867
In2306	230.606 {4	Cts/S	5090.7	31.057	0.61007	5068.8	5112.7
Y_2243	224.306 {4	Cts/S	7973.6	50.149	0.62894	7938.1	8009.1
Y_3600	360.073 { 9	Cts/S	44473	188.25	0.42329	44606	44340

Y_3710	371.030 { 9	Cts/S	7141.3	3.039	0.04255	7139.1	7143.4	

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Run Time=1/25/2012 10:37:44
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	ppm	0.0009	0.0001	9.224	0.001	0.0009
Al3082	308.215 {1(	In2306	ppm	0.1064	0.062	58.26	0.0626	0.1502
As1890	189.042 {4'	Y_2243	ppm	-0.0011	0.0001	5.481	-0.0011	-0.001
B_2496	249.678 {1:	Y_3710	ppm	0.6328	0.036	5.686	0.6073	0.6582
Ba4554	455.403 { 7	Y_3710	ppm	0.0517	0.0019	3.747	0.0503	0.053
Be3130	313.042 {1(	Y_3710	ppm	-0.0001	0.0001	53.56	-0.0001	-0.0002
Ca3158	315.887 {1(	In2306	ppm	1214	124.1	10.22	1126	1301
Ca3181	318.128 {1(	In2306	ppm	1264	128.6	10.17	1173	1355
Cd2288	228.802 {4.	Y_2243	ppm	0.0004	0.0001	37.15	0.0005	0.0003
Co2286	228.616 {4.	In2306	ppm	0.0045	0	0.8472	0.0045	0.0045
Cr2677	267.716 {1:	Y_3600	ppm	0.0014	0.0007	47.53	0.0018	0.0009
Cu3247	324.754 {1(	Y_3600	ppm	-0.0031	0.0002	6.159	-0.003	-0.0032
Fe2404	240.488 {1.	In2306	ppm	0.4195	0.0401	9.551	0.3912	0.4478
K_7664	766.490 { 4	Y_3710	ppm	11.6	0.2387	2.057	11.44	11.77
K_7698	769.896 { 4	Y_3710	ppm	11.95	0.2709	2.267	11.76	12.14
Li6707	670.784 { 5	Y_3710	ppm	0.1543	0.0036	2.332	0.1518	0.1569
Mg2790	279.079 {1:	Y_3710	ppm	900.2	45.02	5.001	868.4	932
Mn2576	257.610 {1:	Y_3600	ppm	1.919	0.0033	0.1697	1.921	1.916
Mn2576-2	257.610 {1:	Y_3710	ppm	2.136	0.1028	4.813	2.064	2.209
Mo2020	202.030 {4(	Y_2243	ppm	0.0009	0.0001	14.62	0.0008	0.001
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5406	229.9	4.254	5243	5568
Ni2316	231.604 {4.	In2306	ppm	0.0012	0.0004	35.6	0.0015	0.0009
P_1782	178.284 {4!	In2306	ppm	0.1782	0.0057	3.188	0.1822	0.1741
Pb2203	220.353 {4!	In2306	ppm	-0.0011	0.0024	218.5	-0.0028	0.0006
S_1820	182.034 {4!	Y_2243	ppm	-26470	31.62	0.1194	-26500	-26450
Sb2068	206.833 {4(	Y_2243	ppm	-0.0025	0.0001	3.344	-0.0024	-0.0026
Se1960	196.090 {4'	Y_2243	ppm	0.0006	0.0021	357.9	0.002	-0.0009
Si2516	251.611 {1:	Y_3710	ppm	9.962	0.3215	3.227	9.735	10.19
Sn1899	189.989 {4'	In2306	ppm	-0.0005	0.0002	47.17	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	9.643	0.1356	1.406	9.547	9.739
Ti3349	334.904 {1(	Y_3600	ppm	0.0069	0.0006	8.189	0.0073	0.0065
Tl1908	190.856 {4'	In2306	ppm	-0.0061	0.0018	29.51	-0.0073	-0.0048
V_2924	292.402 {1	Y_3600	ppm	-0.0062	0.0001	2.071	-0.0063	-0.0061
Zn2062	206.200 {4(	In2306	ppm	0.005	0	0.381	0.005	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1.	Cts/S	43.584	3.6632	8.4049	46.175	40.994
In2306	230.606 {4.	Cts/S	5083.9	20.231	0.39795	5069.6	5098.2
Y_2243	224.306 {4!	Cts/S	7926.7	35.22	0.44433	7901.8	7951.6

Y_3600	360.073 { 9	Cts/S	44728	245	0.54776	44554	44901
Y_3710	371.030 { 9	Cts/S	6889.7	239.01	3.4691	7058.7	6720.7

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	ppm	0	0.0006	3563	0.0004	-0.0004
Al3082	308.215 {1(	In2306	ppm	0.2124	0.0069	3.231	0.2075	0.2172
As1890	189.042 {4'	Y_2243	ppm	0.0019	0.0009	49.37	0.0026	0.0012
B_2496	249.678 {1:	Y_3710	ppm	0.5297	0.0192	3.629	0.5433	0.5161
Ba4554	455.403 { 7	Y_3710	ppm	0.057	0.0002	0.4199	0.0568	0.0571
Be3130	313.042 {1(	Y_3710	ppm	-0.0003	0.0001	24.22	-0.0002	-0.0003
Ca3158	315.887 {1(	In2306	ppm	620.8	15.54	2.503	609.8	631.7
Ca3181	318.128 {1(	In2306	ppm	633.2	15.73	2.483	622.1	644.3
Cd2288	228.802 {4'	Y_2243	ppm	0.0004	0	10.79	0.0004	0.0004
Co2286	228.616 {4'	In2306	ppm	0.0037	0.0001	2.039	0.0038	0.0037
Cr2677	267.716 {1:	Y_3600	ppm	0.0013	0.0005	40.78	0.0009	0.0017
Cu3247	324.754 {1(	Y_3600	ppm	-0.0027	0.0004	16.27	-0.0024	-0.0031
Fe2404	240.488 {1'	In2306	ppm	0.2188	0.0084	3.845	0.2128	0.2247
K_7664	766.490 { 4	Y_3710	ppm	6.184	0.0113	0.1835	6.192	6.175
K_7698	769.896 { 4	Y_3710	ppm	6.156	0.0273	0.4437	6.137	6.175
Li6707	670.784 { 5	Y_3710	ppm	0.0967	0.0004	0.3707	0.0964	0.097
Mg2790	279.079 {1:	Y_3710	ppm	483.5	1.098	0.2271	482.7	484.3
Mn2576	257.610 {1:	Y_3600	ppm	1.87	0.0035	0.1886	1.873	1.868
Mn2576-2	257.610 {1:	Y_3710	ppm	1.952	0.003	0.1561	1.954	1.95
Mo2020	202.030 {4(	Y_2243	ppm	0.0009	0.0001	16.54	0.001	0.0008
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2702	7.405	0.274	2697	2708
Ni2316	231.604 {4'	In2306	ppm	0.004	0	0.792	0.004	0.0039
P_1782	178.284 {4!	In2306	ppm	0.0906	0.0018	2.014	0.0919	0.0893
Pb2203	220.353 {4!	In2306	ppm	-0.0014	0.0021	153.5	0.0001	-0.0029
S_1820	182.034 {4!	Y_2243	ppm	-12590	31.81	0.2527	-12560	-12610
Sb2068	206.833 {4(	Y_2243	ppm	-0.0004	0	4.202	-0.0004	-0.0004
Se1960	196.090 {4'	Y_2243	ppm	0.0012	0.0005	41.39	0.0016	0.0009
Si2516	251.611 {1:	Y_3710	ppm	9.637	0.044	0.4571	9.606	9.668
Sn1899	189.989 {4'	In2306	ppm	-0.0004	0.0006	148.8	0	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	4.795	0.0021	0.0442	4.793	4.796
Ti3349	334.904 {1(	Y_3600	ppm	0.007	0.0005	7.466	0.0074	0.0067
Tl1908	190.856 {4'	In2306	ppm	-0.0057	0.0031	54.93	-0.0078	-0.0035
V_2924	292.402 {1	Y_3600	ppm	-0.0031	0.0004	13.44	-0.0028	-0.0034
Zn2062	206.200 {4(	In2306	ppm	0.011	0	0.3786	0.011	0.0109

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1'	Cts/S	47.459	0.99013	2.0863	48.159	46.759
In2306	230.606 {4'	Cts/S	5894.5	14.236	0.24152	5904.6	5884.5

Y_2243	224.306 {4	Cts/S	8880.4	27.998	0.31528	8900.2	8860.6
Y_3600	360.073 { 9	Cts/S	46854	177.26	0.37832	46729	46979
Y_3710	371.030 { 9	Cts/S	7324.8	2.8436	0.03882	7322.8	7326.8

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Custom ID3=
Run Time=1/25/2012 10:43:17
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0004	0.184	0.2442	0.2436
Al3082	308.215 {1	In2306	ppm	2.686	0.0028	0.1056	2.688	2.684
As1890	189.042 {4	Y_2243	ppm	0.4749	0.0001	0.0179	0.4749	0.475
B_2496	249.678 {1	Y_3710	ppm	0.4562	0.0153	3.358	0.4454	0.4671
Ba4554	455.403 { 7	Y_3710	ppm	0.4843	0.0026	0.5408	0.4825	0.4862
Be3130	313.042 {1	Y_3710	ppm	0.4886	0.0008	0.1649	0.4881	0.4892
Ca3158	315.887 {1	In2306	ppm	13.42	0.3272	2.438	13.65	13.19
Ca3181	318.128 {1	In2306	ppm	13.6	0.2965	2.18	13.81	13.39
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.002	0.4141	0.4788	0.476
Co2286	228.616 {4	In2306	ppm	0.4869	0.0012	0.2457	0.4877	0.486
Cr2677	267.716 {1	Y_3600	ppm	0.493	0.002	0.4028	0.4944	0.4916
Cu3247	324.754 {1	Y_3600	ppm	0.485	0.0029	0.5915	0.487	0.483
Fe2404	240.488 {1	In2306	ppm	2.563	0.0559	2.181	2.602	2.523
K_7664	766.490 { 4	Y_3710	ppm	12.97	0.192	1.48	12.84	13.11
K_7698	769.896 { 4	Y_3710	ppm	13.11	0.1181	0.9011	13.02	13.19
Li6707	670.784 { 5	Y_3710	ppm	0.511	0.0105	2.062	0.5036	0.5185
Mg2790	279.079 {1	Y_3710	ppm	4.871	0.0329	0.6748	4.848	4.894
Mn2576	257.610 {1	Y_3600	ppm	0.4895	0.0022	0.4573	0.4879	0.4911
Mn2576-2	257.610 {1	Y_3710	ppm	0.4604	0.0031	0.6797	0.4627	0.4582
Mo2020	202.030 {4	Y_2243	ppm	0.4736	0.005	1.056	0.4772	0.4701
Na5895	589.592 { 5	Y_3710	ppm	13.43	0.1462	1.089	13.32	13.53
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.0216	0.1631	13.21	13.24
Ni2316	231.604 {4	In2306	ppm	0.4724	0.0007	0.1378	0.4728	0.4719
P_1782	178.284 {4	In2306	ppm	0.0026	0.0006	25.25	0.0021	0.003
Pb2203	220.353 {4	In2306	ppm	0.4782	0.0027	0.5558	0.48	0.4763
S_1820	182.034 {4	Y_2243	ppm	-107.5	81.45	75.75	-49.93	-165.1
Sb2068	206.833 {4	Y_2243	ppm	0.4649	0.0026	0.555	0.4667	0.463
Se1960	196.090 {4	Y_2243	ppm	0.4789	0.0006	0.1356	0.4785	0.4794
Si2516	251.611 {1	Y_3710	ppm	0.7862	0.002	0.2557	0.7848	0.7876
Sn1899	189.989 {4	In2306	ppm	0.4956	0.0006	0.1285	0.4961	0.4952
Sr4215	421.552 { 8	Y_3710	ppm	0.2449	0.0001	0.0257	0.2449	0.2449
Ti3349	334.904 {1	Y_3600	ppm	0.506	0.0023	0.4542	0.5044	0.5076
Tl1908	190.856 {4	In2306	ppm	0.4771	0.0144	3.015	0.4873	0.467
V_2924	292.402 {1	Y_3600	ppm	0.505	0.0015	0.2888	0.504	0.506
Zn2062	206.200 {4	In2306	ppm	0.4834	0.0007	0.1429	0.4829	0.4839

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.522	0.74355	1.3638	53.996	55.048

In2306	230.606 {4	Cts/S	9444.3	252.83	2.6771	9623.1	9265.6
Y_2243	224.306 {4	Cts/S	12557	198.72	1.5826	12697	12416
Y_3600	360.073 { 9	Cts/S	46758	93.87	0.20075	46825	46692
Y_3710	371.030 { 9	Cts/S	8260.4	13.7	0.16585	8270.1	8250.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:45:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0003	6.208	0.005	0.0046
Al3082	308.215 {1	In2306	ppm	0.0811	0.0074	9.129	0.0759	0.0863
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0005	4.731	0.011	0.0103
B_2496	249.678 {1	Y_3710	ppm	0.0097	0.008	82.4	0.0154	0.0041
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	0.7127	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.2667	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1029	0.0066	6.379	0.0983	0.1076
Ca3181	318.128 {1	In2306	ppm	0.1789	0.0484	27.06	0.2131	0.1446
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	16.2	0.0048	0.006
Co2286	228.616 {4	In2306	ppm	0.0104	0.001	9.86	0.0097	0.0112
Cr2677	267.716 {1	Y_3600	ppm	0.01	0	0.051	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.008	0.0002	2.894	0.0079	0.0082
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0102	10.87	0.1007	0.0863
K_7664	766.490 { 4	Y_3710	ppm	0.6461	0.0008	0.1234	0.6466	0.6455
K_7698	769.896 { 4	Y_3710	ppm	0.3718	0.0092	2.474	0.3653	0.3783
Li6707	670.784 { 5	Y_3710	ppm	0.01	0	0.4092	0.0099	0.01
Mg2790	279.079 {1	Y_3710	ppm	0.0822	0.0266	32.3	0.0635	0.101
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0001	0.6316	0.0104	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0089	0.0006	6.537	0.0093	0.0085
Mo2020	202.030 {4	Y_2243	ppm	0.0114	0.0016	13.78	0.0103	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.9956	0.0105	1.058	1.003	0.9881
Na8183	818.326 { 4	Y_3710	ppm	0.9582	0.0043	0.4509	0.9552	0.9613
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.875	0.0094	0.0107
P_1782	178.284 {4	In2306	ppm	0.0128	0.0006	4.982	0.0132	0.0123
Pb2203	220.353 {4	In2306	ppm	0.011	0.0002	1.5	0.0108	0.0111
S_1820	182.034 {4	Y_2243	ppm	-2.168	0.8507	39.24	-1.567	-2.77
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0009	5.096	0.0161	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0087	0.0005	5.48	0.0084	0.0091
Si2516	251.611 {1	Y_3710	ppm	-0.0323	0.0022	6.806	-0.0339	-0.0308
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0017	16.06	0.0094	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.4053	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0107	0.0007	6.296	0.0102	0.0111
Tl1908	190.856 {4	In2306	ppm	0.0149	0.0024	16.32	0.0132	0.0166
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0005	5.648	0.0093	0.01
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0009	10.22	0.0085	0.0098

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	57.655	0.25022	0.43399	57.832	57.478
In2306	230.606 {4	Cts/S	10165	18.453	0.18152	10179	10152
Y_2243	224.306 {4	Cts/S	12916	32.528	0.25184	12939	12893
Y_3600	360.073 { 9	Cts/S	45742	106.56	0.23296	45666	45817
Y_3710	371.030 { 9	Cts/S	8448.1	21.452	0.25393	8463.3	8433

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	81.93	0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0672	0.0258	38.44	-0.0855	-0.049
As1890	189.042 {4	Y_2243	ppm	-0.001	0.0004	36.46	-0.0012	-0.0007
B_2496	249.678 {1	Y_3710	ppm	-0.01	0.0037	36.85	-0.0127	-0.0074
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	2009	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.03	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0242	0.0203	84.03	0.0098	0.0385
Ca3181	318.128 {1	In2306	ppm	0.1026	0.0231	22.54	0.119	0.0863
Cd2288	228.802 {4	Y_2243	ppm	0	0	274.9	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	20.13	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0005	163.5	0	-0.0007
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	6.758	-0.0019	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0143	0.001	7.344	-0.015	-0.0135
K_7664	766.490 { 4	Y_3710	ppm	0.019	0.0026	13.5	0.0208	0.0172
K_7698	769.896 { 4	Y_3710	ppm	-0.0146	0.005	34.2	-0.0181	-0.0111
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	112.3	0.0001	0
Mg2790	279.079 {1	Y_3710	ppm	-0.009	0.0048	53.31	-0.0056	-0.0124
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	1.591	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0008	120.6	-0.0001	-0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0003	104	0.0001	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.3244	0.0153	4.717	0.3136	0.3352
Na8183	818.326 { 4	Y_3710	ppm	0.2603	0.0908	34.86	0.3245	0.1962
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	96.41	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.0007	0.0007	102.2	0.0011	0.0002
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.001	836.2	0.0006	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-2.653	0.0178	0.6726	-2.64	-2.665
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0004	18.56	0.002	0.0026
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0004	40.11	-0.0013	-0.0007
Si2516	251.611 {1	Y_3710	ppm	-0.0168	0.0551	327.5	-0.0558	0.0222
Sn1899	189.989 {4	In2306	ppm	0.0003	0	3.54	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	33.72	0.0002	0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	42.06	0.0002	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0017	0.0006	37.2	0.0022	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0003	225.2	0.0001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	132	0	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.57	1.0405	1.9068	53.834	55.306
In2306	230.606 {4	Cts/S	10155	33.73	0.33214	10131	10179
Y_2243	224.306 {4	Cts/S	12865	65.072	0.50583	12818	12911
Y_3600	360.073 { 9	Cts/S	45638	61.941	0.13572	45682	45594
Y_3710	371.030 { 9	Cts/S	8219.3	126.56	1.5397	8129.8	8308.7

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:51:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0004	74.66	0.0002	0.0008
Al3082	308.215 {1	In2306	ppm	0.0055	0.0143	262.2	-0.0047	0.0156
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0016	925.8	-0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.5846	0.0139	2.376	0.5748	0.5944
Ba4554	455.403 { 7	Y_3710	ppm	0.1318	0.0005	0.3779	0.1321	0.1314
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	351.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	393.2	6.051	1.539	389	397.5
Ca3181	318.128 {1	In2306	ppm	399.4	5.995	1.501	395.2	403.7
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	46.86	0.0004	0.0002
Co2286	228.616 {4	In2306	ppm	0.0188	0.0002	1.078	0.0187	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0003	18.36	0.0016	0.0021
Cu3247	324.754 {1	Y_3600	ppm	-0.0025	0.0001	2.785	-0.0025	-0.0024
Fe2404	240.488 {1	In2306	ppm	0.3784	0.0404	10.67	0.3499	0.407
K_7664	766.490 { 4	Y_3710	ppm	3.409	0.045	1.321	3.441	3.378
K_7698	769.896 { 4	Y_3710	ppm	3.247	0.0377	1.16	3.274	3.22
Li6707	670.784 { 5	Y_3710	ppm	0.0319	0.0005	1.719	0.0323	0.0315
Mg2790	279.079 {1	Y_3710	ppm	336.4	1.279	0.38	335.5	337.3
Mn2576	257.610 {1	Y_3600	ppm	6.928	0.0037	0.054	6.931	6.925
Mn2576-2	257.610 {1	Y_3710	ppm	7.295	0.0167	0.2291	7.283	7.307
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	24.58	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	950.1	2.681	0.2822	948.2	952
Na8183	818.326 { 4	Y_3710	ppm	1551	12.21	0.787	1560	1543
Ni2316	231.604 {4	In2306	ppm	0.0135	0.0002	1.522	0.0137	0.0134
P_1782	178.284 {4	In2306	ppm	0.1025	0.0007	0.7244	0.103	0.102
Pb2203	220.353 {4	In2306	ppm	0	0	69.9	0	0
S_1820	182.034 {4	Y_2243	ppm	-3252	25.74	0.7918	-3270	-3233
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0002	137.6	0	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0008	103.5	0.0002	0.0013
Si2516	251.611 {1	Y_3710	ppm	6.34	0.0426	0.6719	6.31	6.371
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0005	311.9	-0.0002	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	3.582	0.0044	0.1215	3.585	3.579
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0003	12.29	0.003	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0088	0.0004	4.256	-0.0091	-0.0085
V_2924	292.402 {1	Y_3600	ppm	-0.003	0	0.8253	-0.003	-0.0031
Zn2062	206.200 {4	In2306	ppm	0.0038	0.0001	2.617	0.0038	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.175	0.45938	0.91555	50.5	49.85
In2306	230.606 {4	Cts/S	6608.3	2.4497	0.03707	6610	6606.5
Y_2243	224.306 {4	Cts/S	9760.2	8.5865	0.08797	9754.2	9766.3
Y_3600	360.073 { 9	Cts/S	48895	78.192	0.15992	48840	48950
Y_3710	371.030 { 9	Cts/S	7699.2	7.6999	0.10001	7704.7	7693.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:53:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0007	975.1	0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0215	0.0271	126.2	0.0023	0.0406
As1890	189.042 {4	Y_2243	ppm	0.025	0.0013	5.173	0.0259	0.0241
B_2496	249.678 {1	Y_3710	ppm	0.1841	0.0045	2.436	0.1872	0.1809
Ba4554	455.403 { 7	Y_3710	ppm	0.154	0.0003	0.1838	0.1538	0.1542
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	89.77	0	0.0002
Ca3158	315.887 {1	In2306	ppm	107.8	2.26	2.097	106.2	109.4
Ca3181	318.128 {1	In2306	ppm	108.7	2.761	2.54	106.8	110.7
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	247.3	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0141	0.0001	0.814	0.0142	0.0141
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0001	9.232	0.0015	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0	0.4172	-0.0027	-0.0027
Fe2404	240.488 {1	In2306	ppm	2.406	0.0158	0.6552	2.395	2.417
K_7664	766.490 { 4	Y_3710	ppm	0.3273	0.009	2.762	0.3209	0.3337
K_7698	769.896 { 4	Y_3710	ppm	-0.0141	0.0196	138.9	-0.0003	-0.028
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0	0.0134	0.0109	0.0109
Mg2790	279.079 {1	Y_3710	ppm	26.46	0.1055	0.3987	26.38	26.53
Mn2576	257.610 {1	Y_3600	ppm	0.6078	0.0023	0.3774	0.6094	0.6061
Mn2576-2	257.610 {1	Y_3710	ppm	0.5858	0.0036	0.6115	0.5883	0.5832
Mo2020	202.030 {4	Y_2243	ppm	0.0043	0.0003	6.748	0.0045	0.0041
Na5895	589.592 { 5	Y_3710	ppm	222.2	4.591	2.066	218.9	225.4
Na8183	818.326 { 4	Y_3710	ppm	252.6	1.138	0.4506	251.8	253.4
Ni2316	231.604 {4	In2306	ppm	0.003	0.0001	4.727	0.0029	0.0031
P_1782	178.284 {4	In2306	ppm	0.079	0.0021	2.686	0.0805	0.0775
Pb2203	220.353 {4	In2306	ppm	0	0.0002	2721	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-1324	9.604	0.7251	-1318	-1331
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0	14.31	0.0002	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0008	123.9	-0.0012	-0.0001
Si2516	251.611 {1	Y_3710	ppm	10.47	0.0203	0.1935	10.48	10.45
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0003	51.6	0.0007	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.6083	0.0005	0.0897	0.6079	0.6087
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	25.13	0.0004	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.001	0.0001	7.09	-0.0011	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	33.51	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.01	0	0.2602	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.19	1.3129	2.4227	55.119	53.262
In2306	230.606 {4	Cts/S	8272.6	14.697	0.17766	8283	8262.2
Y_2243	224.306 {4	Cts/S	11538	25.7	0.22275	11519	11556
Y_3600	360.073 { 9	Cts/S	48657	81.745	0.168	48715	48599
Y_3710	371.030 { 9	Cts/S	8070.6	20.529	0.25437	8085.2	8056.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	6500	0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	0.003	0.0465	1548	-0.0299	0.0359
As1890	189.042 {4	Y_2243	ppm	0.0253	0.0002	0.8748	0.0254	0.0251
B_2496	249.678 {1	Y_3710	ppm	0.1831	0.002	1.09	0.1817	0.1846
Ba4554	455.403 { 7	Y_3710	ppm	0.1577	0.001	0.6552	0.1585	0.157
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	77.15	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	114.5	2.333	2.038	112.8	116.1
Ca3181	318.128 {1	In2306	ppm	115.1	2.817	2.448	113.1	117.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	71.21	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0149	0.0001	0.9812	0.015	0.0148
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0001	14.58	0.0008	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	7.71	-0.0019	-0.0021
Fe2404	240.488 {1	In2306	ppm	2.553	0.0702	2.749	2.504	2.603
K_7664	766.490 { 4	Y_3710	ppm	0.3108	0.0143	4.616	0.321	0.3007
K_7698	769.896 { 4	Y_3710	ppm	-0.011	0.0141	127.8	-0.021	-0.0011
Li6707	670.784 { 5	Y_3710	ppm	0.011	0.0004	3.782	0.0113	0.0107
Mg2790	279.079 {1	Y_3710	ppm	26.81	0.0755	0.2816	26.76	26.87
Mn2576	257.610 {1	Y_3600	ppm	0.6184	0.0033	0.5375	0.6207	0.616
Mn2576-2	257.610 {1	Y_3710	ppm	0.5955	0.0003	0.0422	0.5953	0.5957
Mo2020	202.030 {4	Y_2243	ppm	0.0045	0	0.7895	0.0044	0.0045
Na5895	589.592 { 5	Y_3710	ppm	223.2	8.484	3.8	229.2	217.2
Na8183	818.326 { 4	Y_3710	ppm	256.7	2.352	0.9163	258.4	255
Ni2316	231.604 {4	In2306	ppm	0.0028	0.0001	5.42	0.0029	0.0027
P_1782	178.284 {4	In2306	ppm	0.0806	0.0004	0.4447	0.0804	0.0809
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0007	134.6	0.001	0
S_1820	182.034 {4	Y_2243	ppm	-1344	1.037	0.0772	-1345	-1344
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0016	259	0.0017	-0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.001	62.76	0.0023	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.88	0.0433	0.3982	10.91	10.85
Sn1899	189.989 {4	In2306	ppm	-0.0007	0.0007	97.49	-0.0011	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.6214	0.0028	0.4565	0.6234	0.6194
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0002	25.07	0.0008	0.0011
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0007	100.8	-0.0012	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0001	15.46	0.001	0.0008

Zn2062	206.200 {4	In2306	ppm	0.01	0	0.0887	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.401	0.33122	0.63209	52.635	52.166
In2306	230.606 {4	Cts/S	8277.4	37.237	0.44986	8251	8303.7
Y_2243	224.306 {4	Cts/S	11501	66.886	0.58155	11454	11549
Y_3600	360.073 { 9	Cts/S	48640	67.507	0.13879	48688	48593
Y_3710	371.030 { 9	Cts/S	8088	47.197	0.58354	8054.6	8121.4

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5117	0.0031	0.6111	0.5139	0.5094
Al3082	308.215 {1	In2306	ppm	10.6	0.0388	0.3665	10.57	10.63
As1890	189.042 {4	Y_2243	ppm	1.027	0.0026	0.2508	1.029	1.025
B_2496	249.678 {1	Y_3710	ppm	1.164	0.0045	0.3872	1.167	1.16
Ba4554	455.403 { 7	Y_3710	ppm	1.126	0.0014	0.1226	1.127	1.125
Be3130	313.042 {1	Y_3710	ppm	0.4875	0.0006	0.1304	0.487	0.4879
Ca3158	315.887 {1	In2306	ppm	121.7	1.53	1.257	120.6	122.7
Ca3181	318.128 {1	In2306	ppm	122.4	1.766	1.443	121.2	123.7
Cd2288	228.802 {4	Y_2243	ppm	0.4946	0.0015	0.2981	0.4956	0.4936
Co2286	228.616 {4	In2306	ppm	1.018	0.0035	0.3416	1.02	1.015
Cr2677	267.716 {1	Y_3600	ppm	0.9467	0.0037	0.3958	0.9441	0.9494
Cu3247	324.754 {1	Y_3600	ppm	1.037	0.0029	0.2785	1.04	1.035
Fe2404	240.488 {1	In2306	ppm	12.54	0.1071	0.8541	12.47	12.62
K_7664	766.490 { 4	Y_3710	ppm	10.88	0.0237	0.2183	10.86	10.89
K_7698	769.896 { 4	Y_3710	ppm	11	0.0163	0.1485	11.01	10.99
Li6707	670.784 { 5	Y_3710	ppm	0.5291	0.0003	0.0487	0.5293	0.5289
Mg2790	279.079 {1	Y_3710	ppm	37.03	0.2865	0.7738	36.83	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.553	0.003	0.1959	1.555	1.551
Mn2576-2	257.610 {1	Y_3710	ppm	1.522	0.0149	0.9789	1.511	1.532
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0034	0.3567	0.9473	0.9426
Na5895	589.592 { 5	Y_3710	ppm	231.5	4.642	2.006	228.2	234.7
Na8183	818.326 { 4	Y_3710	ppm	270.3	0.647	0.2393	269.9	270.8
Ni2316	231.604 {4	In2306	ppm	0.9737	0.0041	0.417	0.9766	0.9708
P_1782	178.284 {4	In2306	ppm	0.0787	0.0011	1.458	0.0779	0.0795
Pb2203	220.353 {4	In2306	ppm	0.962	0.0027	0.2855	0.9639	0.96
S_1820	182.034 {4	Y_2243	ppm	-1325	0.5534	0.0418	-1326	-1325
Sb2068	206.833 {4	Y_2243	ppm	0.9601	0.0077	0.7992	0.9656	0.9547
Se1960	196.090 {4	Y_2243	ppm	1.003	0.0009	0.092	1.002	1.003
Si2516	251.611 {1	Y_3710	ppm	11.02	0.0322	0.2925	11.04	11
Sn1899	189.989 {4	In2306	ppm	1.02	0.0066	0.6516	1.025	1.015
Sr4215	421.552 { 8	Y_3710	ppm	1.107	0.0022	0.1988	1.108	1.105
Ti3349	334.904 {1	Y_3600	ppm	0.9789	0.0054	0.5516	0.9828	0.9751
Tl1908	190.856 {4	In2306	ppm	0.9427	0.0157	1.664	0.9538	0.9316

V_2924	292.402 {1	Y_3600	ppm	0.9758	0.0017	0.1723	0.9769	0.9746
Zn2062	206.200 {4	In2306	ppm	1.023	0.0028	0.2746	1.025	1.021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.635	0.48294	0.90042	53.977	53.294
In2306	230.606 {4	Cts/S	8137	6.7109	0.08247	8141.7	8132.2
Y_2243	224.306 {4	Cts/S	11575	4.6818	0.04045	11578	11571
Y_3600	360.073 { 9	Cts/S	48254	105.3	0.21822	48180	48329
Y_3710	371.030 { 9	Cts/S	7956.1	7.8006	0.09805	7961.6	7950.5

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0011	0.2169	0.5132	0.5148
Al3082	308.215 {1	In2306	ppm	10.89	0.297	2.726	11.1	10.68
As1890	189.042 {4	Y_2243	ppm	1.042	0.0064	0.6106	1.038	1.047
B_2496	249.678 {1	Y_3710	ppm	1.17	0.0089	0.7628	1.164	1.177
Ba4554	455.403 { 7	Y_3710	ppm	1.145	0.0043	0.373	1.148	1.142
Be3130	313.042 {1	Y_3710	ppm	0.494	0.0006	0.1194	0.4944	0.4936
Ca3158	315.887 {1	In2306	ppm	121.1	3.018	2.491	123.3	119
Ca3181	318.128 {1	In2306	ppm	121.9	2.696	2.213	123.8	120
Cd2288	228.802 {4	Y_2243	ppm	0.5015	0.0004	0.0879	0.5012	0.5018
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.0911	1.03	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9581	0.0013	0.1339	0.9572	0.959
Cu3247	324.754 {1	Y_3600	ppm	1.052	0.0012	0.1184	1.053	1.051
Fe2404	240.488 {1	In2306	ppm	12.57	0.3292	2.619	12.8	12.34
K_7664	766.490 { 4	Y_3710	ppm	11.31	0.08	0.7074	11.36	11.25
K_7698	769.896 { 4	Y_3710	ppm	11.4	0.0386	0.3385	11.42	11.37
Li6707	670.784 { 5	Y_3710	ppm	0.5514	0.0024	0.436	0.5531	0.5497
Mg2790	279.079 {1	Y_3710	ppm	37.4	0.2374	0.6347	37.57	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.565	0.0038	0.2418	1.562	1.567
Mn2576-2	257.610 {1	Y_3710	ppm	1.535	0.0071	0.4656	1.54	1.53
Mo2020	202.030 {4	Y_2243	ppm	0.9606	0.0039	0.4112	0.9578	0.9634
Na5895	589.592 { 5	Y_3710	ppm	240.5	3.222	1.339	242.8	238.3
Na8183	818.326 { 4	Y_3710	ppm	275.9	0.954	0.3458	276.5	275.2
Ni2316	231.604 {4	In2306	ppm	0.9891	0.0051	0.5196	0.9855	0.9927
P_1782	178.284 {4	In2306	ppm	0.0801	0.0014	1.725	0.0811	0.0791
Pb2203	220.353 {4	In2306	ppm	0.9737	0.0036	0.3744	0.9711	0.9762
S_1820	182.034 {4	Y_2243	ppm	-1342	4.654	0.3468	-1339	-1345
Sb2068	206.833 {4	Y_2243	ppm	0.9831	0.0027	0.2744	0.9812	0.985
Se1960	196.090 {4	Y_2243	ppm	1.019	0.0067	0.6535	1.014	1.024
Si2516	251.611 {1	Y_3710	ppm	11.21	0.1084	0.9666	11.29	11.14
Sn1899	189.989 {4	In2306	ppm	1.033	0.0027	0.2622	1.035	1.031
Sr4215	421.552 { 8	Y_3710	ppm	1.121	0.0031	0.2771	1.123	1.119
Ti3349	334.904 {1	Y_3600	ppm	0.9918	0.0005	0.053	0.9922	0.9915

Tl1908	190.856 {4	In2306	ppm	0.9588	0.0088	0.9151	0.965	0.9526
V_2924	292.402 {1	Y_3600	ppm	0.9925	0.0026	0.2585	0.9907	0.9943
Zn2062	206.200 {4	In2306	ppm	1.035	0.0011	0.1074	1.036	1.035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.509	1.5496	2.896	52.414	54.605
In2306	230.606 {4	Cts/S	8133.7	1.6023	0.0197	8134.8	8132.5
Y_2243	224.306 {4	Cts/S	11557	23.34	0.20195	11574	11541
Y_3600	360.073 { 9	Cts/S	48083	93.22	0.19387	48017	48149
Y_3710	371.030 { 9	Cts/S	7898.6	31.371	0.39718	7876.4	7920.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0001	14.22	0.0006	0.0007
Al3082	308.215 {1	In2306	ppm	0.0158	0.0139	88.01	0.006	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0311	0.0061	19.73	0.0267	0.0354
B_2496	249.678 {1	Y_3710	ppm	0.129	0.0161	12.5	0.1404	0.1176
Ba4554	455.403 { 7	Y_3710	ppm	0.3414	0.0009	0.2699	0.3407	0.342
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	49.65	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	148.4	0.0868	0.0585	148.3	148.4
Ca3181	318.128 {1	In2306	ppm	149.8	0.2607	0.1741	149.6	150
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0032	122.4	0.0004	0.0049
Co2286	228.616 {4	In2306	ppm	0.0142	0.0068	48.04	0.0094	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0004	46.9	0.0012	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0001	17.24	-0.0004	-0.0006
Fe2404	240.488 {1	In2306	ppm	1.634	0.0125	0.767	1.643	1.625
K_7664	766.490 { 4	Y_3710	ppm	1.545	0.0374	2.417	1.519	1.572
K_7698	769.896 { 4	Y_3710	ppm	1.29	0.0248	1.922	1.272	1.307
Li6707	670.784 { 5	Y_3710	ppm	0.0421	0.0009	2.21	0.0414	0.0428
Mg2790	279.079 {1	Y_3710	ppm	35.01	0.1933	0.5519	35.15	34.88
Mn2576	257.610 {1	Y_3600	ppm	0.5251	0.0015	0.2774	0.5262	0.5241
Mn2576-2	257.610 {1	Y_3710	ppm	0.5122	0.0035	0.6828	0.5147	0.5097
Mo2020	202.030 {4	Y_2243	ppm	0.0087	0.0082	94.64	0.0029	0.0145
Na5895	589.592 { 5	Y_3710	ppm	249.8	4.776	1.912	253.1	246.4
Na8183	818.326 { 4	Y_3710	ppm	298.9	3.436	1.15	296.4	301.3
Ni2316	231.604 {4	In2306	ppm	0.0066	0.0064	96.73	0.0021	0.0111
P_1782	178.284 {4	In2306	ppm	0.0889	0.0013	1.475	0.0898	0.088
Pb2203	220.353 {4	In2306	ppm	0.0038	0.0046	121.1	0.0005	0.007
S_1820	182.034 {4	Y_2243	ppm	-700.9	1.293	0.1845	-700	-701.9
Sb2068	206.833 {4	Y_2243	ppm	0.0209	0.0052	24.87	0.0173	0.0246
Se1960	196.090 {4	Y_2243	ppm	0.0046	0.0045	98.86	0.0014	0.0078
Si2516	251.611 {1	Y_3710	ppm	9.946	0.0137	0.1376	9.937	9.956
Sn1899	189.989 {4	In2306	ppm	0.0079	0.0086	109	0.0018	0.0139
Sr4215	421.552 { 8	Y_3710	ppm	0.7267	0.0009	0.1176	0.7261	0.7273

Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0001	3.92	0.0031	0.0032
Tl1908	190.856 {4	In2306	ppm	0.0109	0.0124	113.7	0.0021	0.0196
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0	7.979	-0.0004	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0246	0.0068	27.56	0.0198	0.0294

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.518	0.73192	1.3184	56.035	55
In2306	230.606 {4	Cts/S	8106.2	2.0023	0.0247	8104.8	8107.6
Y_2243	224.306 {4	Cts/S	11316	14.427	0.1275	11306	11326
Y_3600	360.073 { 9	Cts/S	48885	161.09	0.32953	48999	48771
Y_3710	371.030 { 9	Cts/S	8012	13.859	0.17297	8021.8	8002.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0005	86.44	-0.0009	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0216	0.0201	93.24	0.0358	0.0074
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0004	33.3	0.0014	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0824	0.0024	2.91	0.0841	0.0807
Ba4554	455.403 { 7	Y_3710	ppm	0.3211	0.0017	0.5402	0.3223	0.3199
Be3130	313.042 {1	Y_3710	ppm	0	0	44.58	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	913.9	0.6394	0.07	913.4	914.3
Ca3181	318.128 {1	In2306	ppm	939.3	2.316	0.2466	937.7	940.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	49.72	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0009	0.0004	46.92	0.0006	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0004	70.78	0.0009	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.001	0.0005	43.46	-0.0014	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.0961	0.01	10.38	0.0891	0.1032
K_7664	766.490 { 4	Y_3710	ppm	3.157	0.075	2.374	3.21	3.104
K_7698	769.896 { 4	Y_3710	ppm	2.987	0.0883	2.954	3.05	2.925
Li6707	670.784 { 5	Y_3710	ppm	0.0848	0.0027	3.21	0.0868	0.0829
Mg2790	279.079 {1	Y_3710	ppm	82.43	0.2199	0.2668	82.28	82.59
Mn2576	257.610 {1	Y_3600	ppm	0.0511	0.0002	0.3288	0.0512	0.051
Mn2576-2	257.610 {1	Y_3710	ppm	0.0518	0.0011	2.041	0.0525	0.051
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0.0005	40.99	0.0009	0.0015
Na5895	589.592 { 5	Y_3710	ppm	562.7	6.974	1.239	557.7	567.6
Na8183	818.326 { 4	Y_3710	ppm	783.5	9.704	1.238	790.4	776.7
Ni2316	231.604 {4	In2306	ppm	0.0009	0.0004	40.08	0.0011	0.0006
P_1782	178.284 {4	In2306	ppm	0.0928	0.0032	3.434	0.0951	0.0906
Pb2203	220.353 {4	In2306	ppm	-0.0008	0.0003	37.41	-0.0006	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-1913	45.89	2.399	-1945	-1880
Sb2068	206.833 {4	Y_2243	ppm	0.0051	0.0021	42.07	0.0036	0.0066
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	28.14	0.0003	0.0005
Si2516	251.611 {1	Y_3710	ppm	6.779	0.0111	0.1638	6.787	6.771
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	57.8	0.0001	0.0003

Sr4215	421.552 { 8	Y_3710	ppm	3.161	0.0144	0.4548	3.171	3.151
Ti3349	334.904 {1	Y_3600	ppm	0.0041	0.0001	1.501	0.0041	0.004
Tl1908	190.856 {4	In2306	ppm	0.0024	0.0013	54.53	0.0015	0.0034
V_2924	292.402 {1	Y_3600	ppm	-0.0008	0.0002	22.06	-0.0007	-0.001
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0003	8.594	0.0029	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.918	0.56986	1.1416	49.516	50.321
In2306	230.606 {4	Cts/S	6939.5	110.06	1.586	6861.6	7017.3
Y_2243	224.306 {4	Cts/S	10064	202.74	2.0144	9920.9	10208
Y_3600	360.073 { 9	Cts/S	49057	310.55	0.63304	48838	49277
Y_3710	371.030 { 9	Cts/S	7728.4	22.573	0.29208	7712.4	7744.4

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SampleName=600-48928-C-4-A
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:09:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	61.8	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.0261	0.0216	82.88	0.0108	0.0414
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0001	154.5	0	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.1529	0.0014	0.9381	0.1519	0.154
Ba4554	455.403 { 7	Y_3710	ppm	0.2051	0.0007	0.3281	0.2056	0.2046
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	868.8	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	126.3	1.984	1.57	124.9	127.7
Ca3181	318.128 {1	In2306	ppm	126.8	2.445	1.928	125.1	128.6
Cd2288	228.802 {4	Y_2243	ppm	0	0	64.03	0	0
Co2286	228.616 {4	In2306	ppm	0.0042	0.0002	4.216	0.0043	0.0041
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0004	49.98	0.001	0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0006	0.0001	24.83	-0.0007	-0.0005
Fe2404	240.488 {1	In2306	ppm	-0.0058	0.0038	66.36	-0.0085	-0.0031
K_7664	766.490 { 4	Y_3710	ppm	1.521	0.0125	0.82	1.53	1.512
K_7698	769.896 { 4	Y_3710	ppm	1.226	0.0112	0.9095	1.234	1.219
Li6707	670.784 { 5	Y_3710	ppm	0.0416	0.0005	1.123	0.0419	0.0412
Mg2790	279.079 {1	Y_3710	ppm	35.35	0.2072	0.5861	35.5	35.2
Mn2576	257.610 {1	Y_3600	ppm	0.0667	0.0001	0.1439	0.0666	0.0667
Mn2576-2	257.610 {1	Y_3710	ppm	0.0646	0.0019	2.969	0.0632	0.0659
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0001	21.65	0.0006	0.0008
Na5895	589.592 { 5	Y_3710	ppm	260.2	13.7	5.267	269.9	250.5
Na8183	818.326 { 4	Y_3710	ppm	311.4	1.055	0.3386	312.2	310.7
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0002	9.077	0.002	0.0023
P_1782	178.284 {4	In2306	ppm	0.0481	0.0007	1.443	0.0486	0.0476
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	26.86	-0.0003	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-970	4.272	0.4404	-967	-973
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0012	44.59	0.0037	0.0019
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0004	149.8	0	-0.0005
Si2516	251.611 {1	Y_3710	ppm	9.696	0.0581	0.5994	9.655	9.737

Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	42.3	-0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.7022	0.0023	0.3305	0.7038	0.7005
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0005	46.63	0.0016	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0007	97.54	-0.0013	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	981.4	0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0143	0.0003	1.774	0.0145	0.0141

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.079	0.89227	1.7133	52.71	51.449
In2306	230.606 {4	Cts/S	8123.3	18.491	0.22763	8136.4	8110.2
Y_2243	224.306 {4	Cts/S	11293	57.883	0.51258	11333	11252
Y_3600	360.073 { 9	Cts/S	49146	32.804	0.06675	49169	49122
Y_3710	371.030 { 9	Cts/S	7960.7	14.629	0.18376	7950.4	7971.1

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:12:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	150.9	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.0855	0.0638	74.64	0.1307	0.0404
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0009	100.2	0.0015	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.2051	0.0119	5.799	0.1966	0.2135
Ba4554	455.403 { 7	Y_3710	ppm	0.3658	0.0056	1.527	0.3698	0.3619
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	40.33	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	289.6	0.2067	0.0714	289.7	289.5
Ca3181	318.128 {1	In2306	ppm	293.7	0.336	0.1144	293.4	293.9
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	255	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0	4.864	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0006	78.09	0.0012	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0009	0.0002	25.29	-0.0008	-0.0011
Fe2404	240.488 {1	In2306	ppm	0.5651	0.0016	0.2827	0.5662	0.5639
K_7664	766.490 { 4	Y_3710	ppm	1.674	0.0881	5.264	1.736	1.612
K_7698	769.896 { 4	Y_3710	ppm	1.441	0.0974	6.76	1.51	1.372
Li6707	670.784 { 5	Y_3710	ppm	0.0775	0.0051	6.632	0.0812	0.0739
Mg2790	279.079 {1	Y_3710	ppm	83.66	0.0172	0.0206	83.67	83.65
Mn2576	257.610 {1	Y_3600	ppm	0.6852	0.0022	0.3177	0.6868	0.6837
Mn2576-2	257.610 {1	Y_3710	ppm	0.6718	0.0001	0.0155	0.6719	0.6718
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	69.21	0.0003	0.0001
Na5895	589.592 { 5	Y_3710	ppm	413.5	19.41	4.692	427.3	399.8
Na8183	818.326 { 4	Y_3710	ppm	540.2	17.01	3.148	552.2	528.2
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	192.4	0.0004	-0.0001
P_1782	178.284 {4	In2306	ppm	0.147	0.0008	0.5622	0.1476	0.1464
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0012	173.5	0.0002	-0.0015
S_1820	182.034 {4	Y_2243	ppm	-1772	0.5992	0.0338	-1773	-1772
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0011	110.2	0.0002	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	14.45	0.0004	0.0003

Si2516	251.611 {1	Y_3710	ppm	11.21	0.1461	1.303	11.31	11.11
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0003	201.1	-0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.634	0.0202	1.239	1.648	1.619
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0009	39.7	0.003	0.0017
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0012	222.8	0.0003	-0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0014	0.0002	16.59	-0.0016	-0.0013
Zn2062	206.200 {4	In2306	ppm	0.0055	0	0.776	0.0055	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.254	1.4285	2.8426	49.244	51.264
In2306	230.606 {4	Cts/S	7511	21.447	0.28554	7526.2	7495.9
Y_2243	224.306 {4	Cts/S	10707	50.105	0.46795	10743	10672
Y_3600	360.073 { 9	Cts/S	48735	186.25	0.38217	48604	48867
Y_3710	371.030 { 9	Cts/S	7803.2	104.74	1.3423	7729.2	7877.3

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SampleName=600-48928-C-6-A
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:14:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	631.4	-0.0004	0.0007
Al3082	308.215 {1	In2306	ppm	0.0016	0.0328	2001	0.0248	-0.0215
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0004	80.11	-0.0007	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0142	0.0019	13.72	0.0156	0.0128
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0	4.151	0.0009	0.001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	31.87	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.029	0.0068	23.54	0.0241	0.0338
Ca3181	318.128 {1	In2306	ppm	0.1841	0.0013	0.6934	0.185	0.1832
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	61.58	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0	0	99.34	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0004	173.6	0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0001	24.61	0.0003	0.0005
Fe2404	240.488 {1	In2306	ppm	0.0103	0.0187	182.4	0.0235	-0.003
K_7664	766.490 { 4	Y_3710	ppm	0.0296	0.0127	42.74	0.0386	0.0207
K_7698	769.896 { 4	Y_3710	ppm	-0.2906	0.0011	0.3916	-0.2898	-0.2914
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	43.11	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0145	0.0442	304.1	-0.0167	0.0458
Mn2576	257.610 {1	Y_3600	ppm	0.0031	0.0001	3.508	0.003	0.0031
Mn2576-2	257.610 {1	Y_3710	ppm	0.0026	0.0008	29.23	0.0032	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	12.83	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.434	0.0011	0.2589	0.4332	0.4348
Na8183	818.326 { 4	Y_3710	ppm	0.3759	0.0182	4.842	0.363	0.3888
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	218.2	0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0047	0.0032	67.8	0.0024	0.0069
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0008	77.52	0.0005	0.0017
S_1820	182.034 {4	Y_2243	ppm	-45.21	51.38	113.7	-8.873	-81.54
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0001	7.963	0.0014	0.0016

Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0003	33.43	-0.0007	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0679	0.0116	17.04	0.0597	0.076
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0002	53.85	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	222.7	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0004	110.7	-0.0001	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0008	0	0.834	-0.0008	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0002	53.83	0.0003	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0002	7.757	0.0022	0.0024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.51	0.04492	0.08241	54.542	54.478
In2306	230.606 {4	Cts/S	9788.4	347.83	3.5535	10034	9542.5
Y_2243	224.306 {4	Cts/S	12533	152.87	1.2197	12641	12425
Y_3600	360.073 { 9	Cts/S	46412	725.62	1.5634	46925	45899
Y_3710	371.030 { 9	Cts/S	8291.1	8.4576	0.10201	8297.1	8285.1

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:17:23
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2418	0.0021	0.8513	0.2403	0.2432
Al3082	308.215 {1	In2306	ppm	2.545	0.1773	6.967	2.42	2.671
As1890	189.042 {4	Y_2243	ppm	0.4584	0.0036	0.7754	0.461	0.4559
B_2496	249.678 {1	Y_3710	ppm	0.4664	0.0296	6.342	0.4455	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.4716	0.0227	4.822	0.4556	0.4877
Be3130	313.042 {1	Y_3710	ppm	0.474	0.0199	4.207	0.4599	0.4881
Ca3158	315.887 {1	In2306	ppm	12.4	0.6907	5.572	11.91	12.88
Ca3181	318.128 {1	In2306	ppm	12.6	0.7161	5.683	12.1	13.11
Cd2288	228.802 {4	Y_2243	ppm	0.4624	0.0077	1.656	0.4678	0.457
Co2286	228.616 {4	In2306	ppm	0.4686	0.0091	1.941	0.475	0.4622
Cr2677	267.716 {1	Y_3600	ppm	0.4896	0.0013	0.273	0.4906	0.4887
Cu3247	324.754 {1	Y_3600	ppm	0.4884	0.0034	0.6884	0.4908	0.486
Fe2404	240.488 {1	In2306	ppm	2.396	0.1407	5.875	2.296	2.495
K_7664	766.490 { 4	Y_3710	ppm	12.91	0.7334	5.679	12.4	13.43
K_7698	769.896 { 4	Y_3710	ppm	13.06	0.7816	5.985	12.51	13.61
Li6707	670.784 { 5	Y_3710	ppm	0.5105	0.0341	6.688	0.4864	0.5347
Mg2790	279.079 {1	Y_3710	ppm	4.607	0.1682	3.651	4.488	4.726
Mn2576	257.610 {1	Y_3600	ppm	0.482	0.002	0.4243	0.4805	0.4834
Mn2576-2	257.610 {1	Y_3710	ppm	0.4359	0.0201	4.622	0.4216	0.4501
Mo2020	202.030 {4	Y_2243	ppm	0.4602	0.0095	2.072	0.467	0.4535
Na5895	589.592 { 5	Y_3710	ppm	12.83	0.7648	5.963	12.29	13.37
Na8183	818.326 { 4	Y_3710	ppm	12.36	0.5492	4.442	11.97	12.75
Ni2316	231.604 {4	In2306	ppm	0.4557	0.0098	2.15	0.4627	0.4488
P_1782	178.284 {4	In2306	ppm	0.0002	0.001	422.7	-0.0005	0.0009
Pb2203	220.353 {4	In2306	ppm	0.4619	0.0094	2.03	0.4685	0.4552
S_1820	182.034 {4	Y_2243	ppm	-45.52	5.785	12.71	-41.43	-49.61

Sb2068	206.833 {4	Y_2243	ppm	0.4477	0.0059	1.32	0.4519	0.4435
Se1960	196.090 {4	Y_2243	ppm	0.4639	0.0039	0.8427	0.4667	0.4611
Si2516	251.611 {1	Y_3710	ppm	0.7653	0.0639	8.346	0.7201	0.8105
Sn1899	189.989 {4	In2306	ppm	0.4755	0.012	2.52	0.484	0.467
Sr4215	421.552 { 8	Y_3710	ppm	0.2377	0.0113	4.767	0.2297	0.2457
Ti3349	334.904 {1	Y_3600	ppm	0.5038	0.0001	0.0112	0.5039	0.5038
Tl1908	190.856 {4	In2306	ppm	0.4555	0.0187	4.111	0.4688	0.4423
V_2924	292.402 {1	Y_3600	ppm	0.5032	0.0008	0.1684	0.5038	0.5026
Zn2062	206.200 {4	In2306	ppm	0.4628	0.0106	2.293	0.4703	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.29	2.4775	4.4808	57.042	53.538
In2306	230.606 {4	Cts/S	9625.5	177.7	1.8461	9751.2	9499.9
Y_2243	224.306 {4	Cts/S	12666	252.33	1.9922	12844	12487
Y_3600	360.073 { 9	Cts/S	47079	7.388	0.01569	47085	47074
Y_3710	371.030 { 9	Cts/S	8229.1	146.34	1.7784	8332.6	8125.6

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Custom ID1=
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Custom ID3=
Run Time=1/25/2012 11:19:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0056	0.0001	2.123	0.0055	0.0057
Al3082	308.215 {1	In2306	ppm	0.09	0.0209	23.27	0.1048	0.0752
As1890	189.042 {4	Y_2243	ppm	0.0088	0.0004	4.723	0.0085	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0095	0.0076	79.95	0.0041	0.0149
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	0.6539	0.0101	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.2467	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0817	0.0061	7.5	0.0774	0.0861
Ca3181	318.128 {1	In2306	ppm	0.2057	0.0146	7.1	0.1954	0.216
Cd2288	228.802 {4	Y_2243	ppm	0.0049	0.0004	8.459	0.0046	0.0052
Co2286	228.616 {4	In2306	ppm	0.0098	0.0002	2.105	0.0097	0.01
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0006	6.353	0.0093	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0082	0.0005	6.561	0.0086	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0826	0.0306	37	0.1042	0.061
K_7664	766.490 { 4	Y_3710	ppm	0.628	0.0058	0.92	0.6321	0.6239
K_7698	769.896 { 4	Y_3710	ppm	0.3622	0.0056	1.556	0.3582	0.3662
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0001	0.8496	0.01	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.072	0.0111	15.44	0.0799	0.0642
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	1.002	0.01	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0	0.0382	0.0092	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0108	0.0005	4.182	0.0105	0.0111
Na5895	589.592 { 5	Y_3710	ppm	0.7805	0.0093	1.196	0.7871	0.7739
Na8183	818.326 { 4	Y_3710	ppm	1.072	0.031	2.888	1.05	1.094
Ni2316	231.604 {4	In2306	ppm	0.0098	0.0001	1.423	0.0097	0.0099
P_1782	178.284 {4	In2306	ppm	0.0116	0.0004	3.618	0.0113	0.0119
Pb2203	220.353 {4	In2306	ppm	0.0101	0.0004	4.088	0.0098	0.0104

S_1820	182.034 {4	Y_2243	ppm	-0.1892	0.0204	10.8	-0.1747	-0.2036
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0004	2.646	0.017	0.0164
Se1960	196.090 {4	Y_2243	ppm	0.0094	0.002	21.58	0.0079	0.0108
Si2516	251.611 {1	Y_3710	ppm	-0.0079	0.0118	149.2	0.0004	-0.0162
Sn1899	189.989 {4	In2306	ppm	0.0098	0.0003	3.035	0.0096	0.01
Sr4215	421.552 {	Y_3710	ppm	0.0047	0.0001	3.137	0.0048	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0004	4.043	0.0105	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0122	0.0011	9.195	0.0114	0.013
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0001	1.118	0.0099	0.01
Zn2062	206.200 {4	In2306	ppm	0.0086	0.0003	3.015	0.0084	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.006	0.48401	0.87992	54.664	55.349
In2306	230.606 {4	Cts/S	10266	101.37	0.98739	10194	10338
Y_2243	224.306 {4	Cts/S	13000	120.52	0.92703	12915	13085
Y_3600	360.073 {	Cts/S	45735	76.482	0.16723	45681	45789
Y_3710	371.030 {	Cts/S	8360.9	0.68134	0.00815	8360.4	8361.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:22:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	1069	-0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0144	0.0135	93.42	-0.024	-0.0049
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0004	28.62	0.0012	0.0018
B_2496	249.678 {1	Y_3710	ppm	0.0008	0.012	1492	0.0093	-0.0077
Ba4554	455.403 {	Y_3710	ppm	0	0.0001	265.8	0	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	6.042	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0188	0.031	164.7	-0.0031	0.0407
Ca3181	318.128 {1	In2306	ppm	0.082	0.0027	3.292	0.0839	0.08
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0003	148.7	0	0.0004
Co2286	228.616 {4	In2306	ppm	0.0004	0.0004	84.77	0.0002	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	46.02	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0008	0	4.792	-0.0007	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0007	0.0054	788.8	0.0031	-0.0045
K_7664	766.490 {	Y_3710	ppm	0.0085	0.0035	40.93	0.006	0.0109
K_7698	769.896 {	Y_3710	ppm	-0.0159	0.0032	19.84	-0.0137	-0.0182
Li6707	670.784 {	Y_3710	ppm	0.0004	0.0004	113.8	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0165	0.0402	243.5	0.0119	-0.0449
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	24.39	0.0001	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0009	136.8	0	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0008	97.67	0.0002	0.0013
Na5895	589.592 {	Y_3710	ppm	0.1638	0.003	1.847	0.1617	0.1659
Na8183	818.326 {	Y_3710	ppm	-0.0189	0.0779	412.9	0.0362	-0.0739
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	147.9	0	0.0005
P_1782	178.284 {4	In2306	ppm	0.0011	0.0003	30.21	0.0014	0.0009

Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	56.75	-0.0004	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-0.7509	0.1212	16.14	-0.6652	-0.8367
Sb2068	206.833 {4	Y_2243	ppm	0.0041	0	1.153	0.0041	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0004	31.83	-0.0017	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0009	0.0228	2609	-0.0152	0.017
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0006	96.61	0.0002	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	99.76	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0005	88.29	-0.0002	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0008	604.1	-0.0004	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0004	80.82	0.0002	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0006	0.0004	62.35	0.0003	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.608	0.15318	0.2706	56.5	56.717
In2306	230.606 {4	Cts/S	10034	187.19	1.8655	10167	9901.9
Y_2243	224.306 {4	Cts/S	12688	211.92	1.6703	12838	12538
Y_3600	360.073 { 9	Cts/S	45517	131.86	0.28969	45424	45610
Y_3710	371.030 { 9	Cts/S	8165.5	89.238	1.0929	8102.4	8228.6

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:25:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	406.7	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0578	0.0587	101.6	0.0163	0.0993
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0001	4.205	0.0016	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.2176	0.0077	3.559	0.2231	0.2121
Ba4554	455.403 { 7	Y_3710	ppm	0.3995	0.0018	0.455	0.3982	0.4007
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	44.44	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	294.8	8.247	2.798	289	300.6
Ca3181	318.128 {1	In2306	ppm	300.4	8.261	2.75	294.6	306.3
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	237.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	8.137	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	20050	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	9.27	-0.0014	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.5781	0.0304	5.252	0.5996	0.5567
K_7664	766.490 { 4	Y_3710	ppm	1.637	0.0217	1.324	1.622	1.653
K_7698	769.896 { 4	Y_3710	ppm	1.353	0.0088	0.6531	1.347	1.359
Li6707	670.784 { 5	Y_3710	ppm	0.075	0.001	1.294	0.0743	0.0756
Mg2790	279.079 {1	Y_3710	ppm	85.16	0.028	0.0329	85.18	85.14
Mn2576	257.610 {1	Y_3600	ppm	0.6948	0.0022	0.32	0.6964	0.6932
Mn2576-2	257.610 {1	Y_3710	ppm	0.686	0.0002	0.035	0.6859	0.6862
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	44.39	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	408.6	1.961	0.48	407.2	409.9
Na8183	818.326 { 4	Y_3710	ppm	536.7	3.246	0.6048	534.4	539
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	70.97	-0.0001	0

P_1782	178.284 {4	In2306	ppm	0.1451	0.0009	0.6127	0.1457	0.1445
Pb2203	220.353 {4	In2306	ppm	-0.0018	0.0009	51.18	-0.0011	-0.0024
S_1820	182.034 {4	Y_2243	ppm	-1754	37.33	2.129	-1780	-1727
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0.0005	266.7	-0.0002	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.001	468.2	-0.0005	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.87	0.1137	1.046	10.95	10.79
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	94.31	-0.0006	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.63	0.0009	0.0572	1.629	1.631
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0004	18.31	0.0019	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0002	17.14	0.0015	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0007	0.0005	65.53	-0.001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0115	0.0002	1.933	0.0116	0.0113

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.659	2.0235	3.917	53.09	50.228
In2306	230.606 {4	Cts/S	7572.6	5.5533	0.07333	7568.7	7576.5
Y_2243	224.306 {4	Cts/S	10844	19.962	0.18407	10830	10858
Y_3600	360.073 { 9	Cts/S	49064	210.05	0.42813	49212	48915
Y_3710	371.030 { 9	Cts/S	7967.2	33.977	0.42645	7991.3	7943.2

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:27:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5087	0.001	0.2022	0.5094	0.508
Al3082	308.215 {1	In2306	ppm	10.76	0.1289	1.198	10.67	10.85
As1890	189.042 {4	Y_2243	ppm	1.035	0.0045	0.4337	1.032	1.038
B_2496	249.678 {1	Y_3710	ppm	1.152	0.0073	0.6381	1.157	1.146
Ba4554	455.403 { 7	Y_3710	ppm	1.137	0.006	0.5237	1.132	1.141
Be3130	313.042 {1	Y_3710	ppm	0.4879	0.0005	0.0932	0.4876	0.4882
Ca3158	315.887 {1	In2306	ppm	117.7	3.797	3.227	120.4	115
Ca3181	318.128 {1	In2306	ppm	118.9	4.334	3.644	122	115.9
Cd2288	228.802 {4	Y_2243	ppm	0.504	0.0013	0.2545	0.5049	0.5031
Co2286	228.616 {4	In2306	ppm	1.022	0.0013	0.1299	1.023	1.021
Cr2677	267.716 {1	Y_3600	ppm	0.9651	0.0022	0.2244	0.9635	0.9666
Cu3247	324.754 {1	Y_3600	ppm	1.047	0.0006	0.0529	1.047	1.047
Fe2404	240.488 {1	In2306	ppm	12.43	0.3577	2.878	12.68	12.18
K_7664	766.490 { 4	Y_3710	ppm	11.15	0.4124	3.698	10.86	11.44
K_7698	769.896 { 4	Y_3710	ppm	11.23	0.4014	3.576	10.94	11.51
Li6707	670.784 { 5	Y_3710	ppm	1.073	0.0457	4.262	1.041	1.106
Mg2790	279.079 {1	Y_3710	ppm	36.52	0.4174	1.143	36.81	36.22
Mn2576	257.610 {1	Y_3600	ppm	1.557	0.0028	0.1767	1.559	1.555
Mn2576-2	257.610 {1	Y_3710	ppm	1.517	0.0144	0.9487	1.527	1.506
Mo2020	202.030 {4	Y_2243	ppm	0.9445	0.0027	0.2874	0.9464	0.9426
Na5895	589.592 { 5	Y_3710	ppm	227.3	4.13	1.817	224.4	230.2
Na8183	818.326 { 4	Y_3710	ppm	265.4	4.407	1.66	262.3	268.5

Ni2316	231.604 {4	In2306	ppm	0.9907	0.0014	0.1381	0.9897	0.9916
P_1782	178.284 {4	In2306	ppm	1.194	0.0004	0.0332	1.194	1.195
Pb2203	220.353 {4	In2306	ppm	0.9799	0.0008	0.0833	0.9805	0.9793
S_1820	182.034 {4	Y_2243	ppm	-1292	0.3427	0.0265	-1292	-1293
Sb2068	206.833 {4	Y_2243	ppm	0.984	0.0035	0.3552	0.9865	0.9815
Se1960	196.090 {4	Y_2243	ppm	1.005	0.0016	0.1555	1.004	1.006
Si2516	251.611 {1	Y_3710	ppm	11.45	0.0691	0.6031	11.4	11.5
Sn1899	189.989 {4	In2306	ppm	1.014	0.0005	0.0482	1.014	1.013
Sr4215	421.552 { 8	Y_3710	ppm	1.089	0.0066	0.6082	1.084	1.093
Ti3349	334.904 {1	Y_3600	ppm	0.9938	0.002	0.2055	0.9923	0.9952
Tl1908	190.856 {4	In2306	ppm	0.9508	0.0138	1.45	0.9606	0.9411
V_2924	292.402 {1	Y_3600	ppm	0.9965	0.0016	0.1629	0.9976	0.9953
Zn2062	206.200 {4	In2306	ppm	1.042	0.0019	0.1814	1.043	1.04

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.649	0.70738	1.3185	53.149	54.149
In2306	230.606 {4	Cts/S	8183	6.7998	0.0831	8178.1	8187.8
Y_2243	224.306 {4	Cts/S	11607	10.036	0.08647	11600	11614
Y_3600	360.073 { 9	Cts/S	48064	159.42	0.33169	47951	48176
Y_3710	371.030 { 9	Cts/S	7893.1	38.092	0.48259	7920.1	7866.2

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	34.61	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0148	0.0417	282.9	0.0148	-0.0443
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0013	30.19	0.0035	0.0054
B_2496	249.678 {1	Y_3710	ppm	0.0422	0.013	30.89	0.033	0.0514
Ba4554	455.403 { 7	Y_3710	ppm	0.0313	0.0002	0.6348	0.0312	0.0314
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	66.25	-0.0001	-0.0003
Ca3158	315.887 {1	In2306	ppm	21.08	0.4366	2.072	20.77	21.39
Ca3181	318.128 {1	In2306	ppm	21.07	0.4685	2.224	20.74	21.4
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0006	302.9	-0.0002	0.0006
Co2286	228.616 {4	In2306	ppm	0.0038	0.001	27.98	0.003	0.0045
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.001	741	0.0006	-0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0001	5.159	-0.0022	-0.0023
Fe2404	240.488 {1	In2306	ppm	0.4619	0.0064	1.383	0.4574	0.4664
K_7664	766.490 { 4	Y_3710	ppm	0.0875	0.0084	9.572	0.0816	0.0934
K_7698	769.896 { 4	Y_3710	ppm	-0.1679	0.0212	12.64	-0.1829	-0.1529
Li6707	670.784 { 5	Y_3710	ppm	0.0025	0.0005	21.43	0.0029	0.0021
Mg2790	279.079 {1	Y_3710	ppm	5.133	0.0111	0.2155	5.125	5.141
Mn2576	257.610 {1	Y_3600	ppm	0.1245	0.0002	0.1931	0.1247	0.1243
Mn2576-2	257.610 {1	Y_3710	ppm	0.1154	0.0007	0.6042	0.1159	0.1149
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0017	46.83	0.0025	0.0049
Na5895	589.592 { 5	Y_3710	ppm	49.34	0.7827	1.586	48.79	49.89

Na8183	818.326 { 4	Y_3710	ppm	49.87	0.2651	0.5316	49.69	50.06
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0011	88.6	0.0005	0.0021
P_1782	178.284 {4	In2306	ppm	0.0142	0.0005	3.66	0.0138	0.0145
Pb2203	220.353 {4	In2306	ppm	0.001	0.0006	57.24	0.0006	0.0014
S_1820	182.034 {4	Y_2243	ppm	-250.7	0.7334	0.2925	-251.2	-250.2
Sb2068	206.833 {4	Y_2243	ppm	0.0092	0.0025	26.8	0.0074	0.0109
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0009	133.3	-0.0013	0
Si2516	251.611 {1	Y_3710	ppm	2.043	0.0287	1.404	2.023	2.064
Sn1899	189.989 {4	In2306	ppm	0.0026	0.0015	56.85	0.0015	0.0036
Sr4215	421.552 { 8	Y_3710	ppm	0.1223	0.0001	0.1139	0.1222	0.1223
Ti3349	334.904 {1	Y_3600	ppm	0.0017	0.0004	23.48	0.002	0.0014
Tl1908	190.856 {4	In2306	ppm	0.0051	0.0045	89.18	0.0019	0.0083
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	126.4	0	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0053	0.0009	16.84	0.0047	0.006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.418	1.7132	3.0366	57.629	55.206
In2306	230.606 {4	Cts/S	9336.2	12.827	0.13739	9345.3	9327.1
Y_2243	224.306 {4	Cts/S	12394	18.07	0.1458	12407	12381
Y_3600	360.073 { 9	Cts/S	47412	39.453	0.08321	47440	47384
Y_3710	371.030 { 9	Cts/S	8269.4	49.378	0.59712	8304.3	8234.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2414	0.0007	0.3074	0.2408	0.2419
Al3082	308.215 {1	In2306	ppm	2.577	0.0517	2.007	2.613	2.54
As1890	189.042 {4	Y_2243	ppm	0.471	0.0026	0.5454	0.4729	0.4692
B_2496	249.678 {1	Y_3710	ppm	0.4807	0.0041	0.8535	0.4836	0.4778
Ba4554	455.403 { 7	Y_3710	ppm	0.485	0	0.0085	0.485	0.485
Be3130	313.042 {1	Y_3710	ppm	0.4944	0.0018	0.3605	0.4931	0.4956
Ca3158	315.887 {1	In2306	ppm	12.68	0.0639	0.5039	12.73	12.64
Ca3181	318.128 {1	In2306	ppm	12.91	0.0084	0.0653	12.9	12.91
Cd2288	228.802 {4	Y_2243	ppm	0.4783	0.0031	0.6508	0.4805	0.4761
Co2286	228.616 {4	In2306	ppm	0.488	0.0045	0.9235	0.4912	0.4848
Cr2677	267.716 {1	Y_3600	ppm	0.4985	0.0003	0.0639	0.4987	0.4983
Cu3247	324.754 {1	Y_3600	ppm	0.4829	0.0014	0.2825	0.4838	0.4819
Fe2404	240.488 {1	In2306	ppm	2.413	0.0135	0.5585	2.423	2.404
K_7664	766.490 { 4	Y_3710	ppm	13.16	0.153	1.163	13.05	13.27
K_7698	769.896 { 4	Y_3710	ppm	13.24	0.1037	0.7831	13.17	13.32
Li6707	670.784 { 5	Y_3710	ppm	0.516	0.009	1.751	0.5096	0.5224
Mg2790	279.079 {1	Y_3710	ppm	4.794	0.0263	0.5478	4.813	4.776
Mn2576	257.610 {1	Y_3600	ppm	0.4868	0.0004	0.0851	0.4871	0.4865
Mn2576-2	257.610 {1	Y_3710	ppm	0.4528	0.0037	0.8262	0.4554	0.4502
Mo2020	202.030 {4	Y_2243	ppm	0.4757	0.0051	1.065	0.4793	0.4722

Na5895	589.592 { 5	Y_3710	ppm	13.01	0.1576	1.211	12.9	13.12
Na8183	818.326 { 4	Y_3710	ppm	12.73	0.0714	0.5609	12.68	12.78
Ni2316	231.604 {4	In2306	ppm	0.4741	0.0047	0.987	0.4774	0.4708
P_1782	178.284 {4	In2306	ppm	0.0004	0.0004	100	0.0007	0.0001
Pb2203	220.353 {4	In2306	ppm	0.4768	0.0027	0.5665	0.4787	0.4749
S_1820	182.034 {4	Y_2243	ppm	-42.5	0.7532	1.772	-41.96	-43.03
Sb2068	206.833 {4	Y_2243	ppm	0.4645	0.0084	1.808	0.4704	0.4586
Se1960	196.090 {4	Y_2243	ppm	0.4756	0.004	0.835	0.4784	0.4728
Si2516	251.611 {1	Y_3710	ppm	0.7914	0.0156	1.968	0.7804	0.8024
Sn1899	189.989 {4	In2306	ppm	0.4978	0.004	0.8093	0.5006	0.4949
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0012	0.4802	0.2427	0.2444
Ti3349	334.904 {1	Y_3600	ppm	0.5116	0.0012	0.2343	0.5125	0.5108
Tl1908	190.856 {4	In2306	ppm	0.4882	0.0137	2.816	0.4979	0.4785
V_2924	292.402 {1	Y_3600	ppm	0.5149	0.002	0.3947	0.5163	0.5135
Zn2062	206.200 {4	In2306	ppm	0.4846	0.0048	0.9851	0.488	0.4812

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.318	0.64735	1.1494	56.776	55.861
In2306	230.606 {4	Cts/S	9588.1	3.6514	0.03808	9585.5	9590.7
Y_2243	224.306 {4	Cts/S	12694	4.0219	0.03168	12697	12692
Y_3600	360.073 { 9	Cts/S	46975	92.636	0.1972	47040	46909
Y_3710	371.030 { 9	Cts/S	8148.9	40.473	0.49667	8177.5	8120.3

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:35:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0003	4.714	0.0053	0.0057
Al3082	308.215 {1	In2306	ppm	0.1102	0.0556	50.44	0.1496	0.0709
As1890	189.042 {4	Y_2243	ppm	0.0097	0.0001	0.9033	0.0097	0.0096
B_2496	249.678 {1	Y_3710	ppm	0.0116	0.006	51.26	0.0074	0.0158
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0002	2.366	0.0102	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.889	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0977	0.0005	0.4811	0.098	0.0974
Ca3181	318.128 {1	In2306	ppm	0.1937	0.0028	1.463	0.1917	0.1957
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	17.25	0.0047	0.0061
Co2286	228.616 {4	In2306	ppm	0.0105	0.0011	10.63	0.0097	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.0101	0.0001	1.418	0.01	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0079	0.0002	2.279	0.008	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0778	0.004	5.117	0.075	0.0807
K_7664	766.490 { 4	Y_3710	ppm	0.6306	0.0125	1.979	0.6395	0.6218
K_7698	769.896 { 4	Y_3710	ppm	0.3617	0.0295	8.161	0.3826	0.3409
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0007	6.745	0.0102	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.026	0.011	42.16	0.0338	0.0183
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0001	0.7536	0.0102	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0107	0.001	9.233	0.01	0.0114

Mo2020	202.030 {4	Y_2243	ppm	0.0115	0.0014	12.41	0.0105	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.7521	0.0261	3.469	0.7706	0.7337
Na8183	818.326 { 4	Y_3710	ppm	0.6736	0.1208	17.93	0.759	0.5882
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.908	0.0095	0.0108
P_1782	178.284 {4	In2306	ppm	0.0111	0.0002	2.246	0.0109	0.0113
Pb2203	220.353 {4	In2306	ppm	0.0103	0.0002	1.524	0.0102	0.0104
S_1820	182.034 {4	Y_2243	ppm	-0.0032	0.0281	867.4	0.0166	-0.0231
Sb2068	206.833 {4	Y_2243	ppm	0.017	0.0004	2.586	0.0167	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0098	0.0003	3.118	0.0095	0.01
Si2516	251.611 {1	Y_3710	ppm	-0.0188	0.0028	14.96	-0.0208	-0.0168
Sn1899	189.989 {4	In2306	ppm	0.0108	0.0014	12.7	0.0099	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.02	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0.0003	2.923	0.0111	0.0107
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0015	11.04	0.0126	0.0147
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.5185	0.0097	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0011	11.91	0.0084	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.392	0.53175	0.92652	57.768	57.016
In2306	230.606 {4	Cts/S	10174	3.1365	0.03083	10176	10172
Y_2243	224.306 {4	Cts/S	12952	15.266	0.11787	12963	12941
Y_3600	360.073 { 9	Cts/S	45879	81.984	0.1787	45937	45821
Y_3710	371.030 { 9	Cts/S	8376.3	34.412	0.41083	8352	8400.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	201.2	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.0192	0.0115	60.22	0.011	0.0273
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0001	28.76	0.0002	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0013	0.0007	52.25	-0.0018	-0.0008
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	146.3	0	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	15.67	0	0
Ca3158	315.887 {1	In2306	ppm	-0.008	0.002	24.86	-0.0094	-0.0066
Ca3181	318.128 {1	In2306	ppm	0.1423	0.0149	10.47	0.1528	0.1317
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	252.5	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	99.46	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	698.6	0.0004	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0003	27.12	-0.0015	-0.001
Fe2404	240.488 {1	In2306	ppm	-0.0236	0.0363	154.1	0.0021	-0.0492
K_7664	766.490 { 4	Y_3710	ppm	0.0076	0.0007	9.165	0.0081	0.0071
K_7698	769.896 { 4	Y_3710	ppm	-0.0425	0.0031	7.404	-0.0447	-0.0403
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0	8.211	0.0004	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.022	0.0244	111.1	0.0393	0.0047
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	3.034	0.0002	0.0002

Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0007	81.35	-0.0004	-0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0	3.525	0.0005	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.1348	0.0008	0.5749	0.1353	0.1342
Na8183	818.326 { 4	Y_3710	ppm	0.2242	0.1099	49.02	0.3019	0.1465
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	104	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0009	187.7	0.0002	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	59.06	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	-0.6399	0.1199	18.74	-0.5551	-0.7247
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0007	30.61	0.0026	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0004	21.03	-0.0023	-0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0141	0.0147	103.9	-0.0245	-0.0038
Sn1899	189.989 {4	In2306	ppm	0	0.0001	300.9	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	644.5	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0	53.54	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0006	251.4	0.0002	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	3184	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0001	28.99	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.829	0.14562	0.26084	55.932	55.726
In2306	230.606 {4	Cts/S	10156	2.7644	0.02722	10154	10158
Y_2243	224.306 {4	Cts/S	12854	14.239	0.11077	12844	12864
Y_3600	360.073 { 9	Cts/S	45424	98.22	0.21623	45494	45355
Y_3710	371.030 { 9	Cts/S	8219.2	59.38	0.72246	8177.2	8261.2

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Custom ID3=
Run Time=1/25/2012 11:40:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0004	117	-0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0591	0.0013	2.284	-0.06	-0.0581
As1890	189.042 {4	Y_2243	ppm	0.0002	0.001	538.6	0.0009	-0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0035	0.0002	4.895	-0.0034	-0.0036
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0003	105.3	0.0001	0.0005
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.462	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0033	0.0098	298.9	0.0102	-0.0036
Ca3181	318.128 {1	In2306	ppm	0.1167	0.002	1.728	0.1153	0.1181
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	17.42	-0.0002	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	41.25	0.0003	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	33.06	-0.0005	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0	0.7737	-0.0018	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0212	0.0116	54.95	-0.0129	-0.0294
K_7664	766.490 { 4	Y_3710	ppm	0.0164	0.0012	7.013	0.0156	0.0173
K_7698	769.896 { 4	Y_3710	ppm	-0.2616	0.0048	1.816	-0.2583	-0.265
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	13.3	0.0005	0.0004

Mg2790	279.079 {1	Y_3710	ppm	-0.049	0.013	26.5	-0.0399	-0.0582
Mn2576	257.610 {1	Y_3600	ppm	0.0014	0	3.215	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0016	0.0012	75.33	0.0025	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	26.3	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1403	0.0018	1.306	0.139	0.1416
Na8183	818.326 { 4	Y_3710	ppm	0.2243	0.0846	37.71	0.1645	0.2841
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.41	0	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0008	121.3	-0.0012	-0.0001
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0008	486.5	-0.0007	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.364	0.1494	10.95	-1.47	-1.258
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0012	359	0.0012	-0.0005
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0014	103.6	-0.0004	-0.0024
Si2516	251.611 {1	Y_3710	ppm	-0.0081	0.0082	101.7	-0.0139	-0.0023
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	15.69	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	1265	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	23.17	-0.0005	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0005	76.04	0.0009	0.0003
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.001	828.5	0.0006	-0.0008
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0001	11.06	0.0005	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.828	0.00594	0.0101	58.832	58.824
In2306	230.606 {4	Cts/S	10258	5.2786	0.05146	10261	10254
Y_2243	224.306 {4	Cts/S	12979	22.857	0.17611	12995	12963
Y_3600	360.073 { 9	Cts/S	46321	288.94	0.62379	46525	46116
Y_3710	371.030 { 9	Cts/S	8428.6	49.823	0.59113	8463.8	8393.3

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4876	0.0004	0.0872	0.4873	0.4879
Al3082	308.215 {1	In2306	ppm	10.3	0.1176	1.142	10.38	10.21
As1890	189.042 {4	Y_2243	ppm	0.9357	0.0055	0.5929	0.9396	0.9317
B_2496	249.678 {1	Y_3710	ppm	0.9336	0.002	0.2141	0.9322	0.935
Ba4554	455.403 { 7	Y_3710	ppm	0.9695	0.0051	0.5273	0.9659	0.9731
Be3130	313.042 {1	Y_3710	ppm	0.4889	0.0008	0.1581	0.4894	0.4883
Ca3158	315.887 {1	In2306	ppm	9.976	0.1512	1.516	10.08	9.869
Ca3181	318.128 {1	In2306	ppm	10.13	0.1542	1.522	10.24	10.02
Cd2288	228.802 {4	Y_2243	ppm	0.4716	0.0038	0.8042	0.4743	0.469
Co2286	228.616 {4	In2306	ppm	0.9645	0.0046	0.4802	0.9678	0.9612
Cr2677	267.716 {1	Y_3600	ppm	0.9755	0.0014	0.1454	0.9744	0.9765
Cu3247	324.754 {1	Y_3600	ppm	0.9682	0.0052	0.5394	0.9719	0.9645
Fe2404	240.488 {1	In2306	ppm	9.631	0.0907	0.9417	9.695	9.566
K_7664	766.490 { 4	Y_3710	ppm	11.05	0.2076	1.88	10.9	11.19
K_7698	769.896 { 4	Y_3710	ppm	11.03	0.179	1.623	10.9	11.16

Li6707	670.784 { 5	Y_3710	ppm	0.5404	0.01	1.844	0.5334	0.5475
Mg2790	279.079 {1	Y_3710	ppm	9.613	0.0027	0.028	9.615	9.611
Mn2576	257.610 {1	Y_3600	ppm	0.9609	0.0028	0.2925	0.9589	0.9629
Mn2576-2	257.610 {1	Y_3710	ppm	0.9033	0.0018	0.1961	0.9046	0.9021
Mo2020	202.030 {4	Y_2243	ppm	0.9366	0.0091	0.9761	0.9431	0.9302
Na5895	589.592 { 5	Y_3710	ppm	10.94	0.1864	1.704	10.81	11.07
Na8183	818.326 { 4	Y_3710	ppm	10.31	0.1189	1.153	10.22	10.39
Ni2316	231.604 {4	In2306	ppm	0.938	0.0061	0.6497	0.9423	0.9337
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	83.1	-0.0005	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.9466	0.0064	0.6734	0.9511	0.9421
S_1820	182.034 {4	Y_2243	ppm	-1.275	0.1027	8.055	-1.347	-1.202
Sb2068	206.833 {4	Y_2243	ppm	0.9078	0.0064	0.7064	0.9123	0.9032
Se1960	196.090 {4	Y_2243	ppm	0.9396	0.0088	0.9386	0.9458	0.9334
Si2516	251.611 {1	Y_3710	ppm	0.7951	0.0226	2.844	0.7792	0.8111
Sn1899	189.989 {4	In2306	ppm	0.9794	0.0069	0.6994	0.9843	0.9746
Sr4215	421.552 { 8	Y_3710	ppm	0.4787	0.0018	0.3692	0.4774	0.4799
Ti3349	334.904 {1	Y_3600	ppm	0.9898	0.0039	0.3949	0.9926	0.987
Tl1908	190.856 {4	In2306	ppm	0.9615	0.0143	1.488	0.9716	0.9514
V_2924	292.402 {1	Y_3600	ppm	0.9973	0.0006	0.0564	0.9969	0.9977
Zn2062	206.200 {4	In2306	ppm	0.9546	0.0033	0.3456	0.957	0.9523

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.051	0.44817	0.79958	55.734	56.368
In2306	230.606 {4	Cts/S	9565.2	5.0819	0.05313	9568.8	9561.7
Y_2243	224.306 {4	Cts/S	12705	5.3859	0.04239	12702	12709
Y_3600	360.073 { 9	Cts/S	46909	126.82	0.27034	46820	46999
Y_3710	371.030 { 9	Cts/S	8107.5	18.102	0.22328	8120.3	8094.7

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Custom ID3=
Run Time=1/25/2012 11:45:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	102.3	0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	0.0881	0.0361	40.96	0.0626	0.1136
As1890	189.042 {4	Y_2243	ppm	0.0467	0.0285	60.99	0.0266	0.0669
B_2496	249.678 {1	Y_3710	ppm	1.152	0.001	0.0841	1.153	1.151
Ba4554	455.403 { 7	Y_3710	ppm	0.6156	0.0001	0.0123	0.6156	0.6155
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	63.91	-0.0002	-0.0004
Ca3158	315.887 {1	In2306	ppm	181.7	2.309	1.271	180.1	183.4
Ca3181	318.128 {1	In2306	ppm	184.6	2.39	1.295	182.9	186.3
Cd2288	228.802 {4	Y_2243	ppm	0.0143	0.0157	109.6	0.0032	0.0254
Co2286	228.616 {4	In2306	ppm	0.0339	0.0313	92.32	0.0118	0.056
Cr2677	267.716 {1	Y_3600	ppm	0.0279	0.0007	2.671	0.0285	0.0274
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0003	4.446	0.0079	0.0074
Fe2404	240.488 {1	In2306	ppm	2.013	0.0321	1.595	1.991	2.036
K_7664	766.490 { 4	Y_3710	ppm	55.55	0.4393	0.7908	55.24	55.86

K_7698	769.896 { 4	Y_3710	ppm	58.39	0.5184	0.8878	58.02	58.76
Li6707	670.784 { 5	Y_3710	ppm	0.0471	0.0004	0.7635	0.0468	0.0473
Mg2790	279.079 {1	Y_3710	ppm	58.15	0.1311	0.2254	58.24	58.05
Mn2576	257.610 {1	Y_3600	ppm	1.119	0.0077	0.687	1.125	1.114
Mn2576-2	257.610 {1	Y_3710	ppm	1.088	0.004	0.3637	1.091	1.086
Mo2020	202.030 {4	Y_2243	ppm	0.0382	0.0308	80.49	0.0165	0.06
Na5895	589.592 { 5	Y_3710	ppm	323.2	2.928	0.9058	325.3	321.1
Na8183	818.326 { 4	Y_3710	ppm	386.2	1.534	0.3971	385.1	387.3
Ni2316	231.604 {4	In2306	ppm	0.0527	0.0294	55.68	0.032	0.0735
P_1782	178.284 {4	In2306	ppm	1.107	0.0466	4.209	1.14	1.074
Pb2203	220.353 {4	In2306	ppm	0.0259	0.028	108.2	0.0061	0.0456
S_1820	182.034 {4	Y_2243	ppm	-1121	39.25	3.502	-1149	-1093
Sb2068	206.833 {4	Y_2243	ppm	0.0437	0.0277	63.39	0.0241	0.0632
Se1960	196.090 {4	Y_2243	ppm	0.0263	0.0266	101.2	0.0075	0.0451
Si2516	251.611 {1	Y_3710	ppm	7.08	0.0109	0.1533	7.087	7.072
Sn1899	189.989 {4	In2306	ppm	0.0344	0.0332	96.69	0.0109	0.0579
Sr4215	421.552 { 8	Y_3710	ppm	0.9882	0.0006	0.0567	0.9886	0.9879
Ti3349	334.904 {1	Y_3600	ppm	0.0106	0.0004	3.556	0.0103	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0341	0.0333	97.67	0.0106	0.0577
V_2924	292.402 {1	Y_3600	ppm	0.0063	0.0001	2.067	0.0062	0.0064
Zn2062	206.200 {4	In2306	ppm	0.1101	0.0271	24.62	0.0909	0.1292

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.994	0.76108	1.4925	51.532	50.456
In2306	230.606 {4	Cts/S	7817.9	12.25	0.1567	7826.6	7809.3
Y_2243	224.306 {4	Cts/S	11034	55.516	0.50315	11073	10994
Y_3600	360.073 { 9	Cts/S	48731	225.74	0.46324	48572	48891
Y_3710	371.030 { 9	Cts/S	7759.4	10.846	0.13978	7751.7	7767

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	122.8	0.0001	0.0008
Al3082	308.215 {1	In2306	ppm	-0.0193	0.022	113.6	-0.0349	-0.0038
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0075	165.6	-0.0008	0.0098
B_2496	249.678 {1	Y_3710	ppm	0.0153	0.0083	54.32	0.0212	0.0094
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	30.19	0.0004	0.0003
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.41	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0299	0.0049	16.27	0.0265	0.0334
Ca3181	318.128 {1	In2306	ppm	0.1468	0.0223	15.17	0.1625	0.131
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0034	154.7	-0.0002	0.0046
Co2286	228.616 {4	In2306	ppm	0.0051	0.007	136.8	0.0002	0.0101
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0006	214.6	-0.0008	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.87	-0.0019	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.0015	0.0191	1287	0.015	-0.012

K_7664	766.490 { 4	Y_3710	ppm	0.0935	0.0112	12.01	0.1014	0.0856
K_7698	769.896 { 4	Y_3710	ppm	-0.1922	0.0035	1.823	-0.1946	-0.1897
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0	0.0679	0.0005	0.0005
Mg2790	279.079 {1	Y_3710	ppm	-0.0052	0.0445	857.7	0.0263	-0.0366
Mn2576	257.610 {1	Y_3600	ppm	0.0015	0.0001	9.303	0.0014	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0014	0	1.056	0.0014	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0062	0.008	128.2	0.0006	0.0118
Na5895	589.592 { 5	Y_3710	ppm	0.1683	0.0299	17.77	0.1894	0.1471
Na8183	818.326 { 4	Y_3710	ppm	0.2912	0.1283	44.05	0.382	0.2005
Ni2316	231.604 {4	In2306	ppm	0.0057	0.0077	134.6	0.0003	0.0111
P_1782	178.284 {4	In2306	ppm	0.0282	0.038	134.8	0.0013	0.0551
Pb2203	220.353 {4	In2306	ppm	0.0055	0.0071	130.2	0.0004	0.0105
S_1820	182.034 {4	Y_2243	ppm	-28.28	37.89	134	-1.491	-55.07
Sb2068	206.833 {4	Y_2243	ppm	0.0098	0.0076	77.87	0.0044	0.0151
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0075	208.3	-0.0017	0.0089
Si2516	251.611 {1	Y_3710	ppm	0.013	0.0251	193.3	-0.0048	0.0307
Sn1899	189.989 {4	In2306	ppm	0.0053	0.0077	146.1	-0.0002	0.0107
Sr4215	421.552 { 8	Y_3710	ppm	0	0	48.84	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	119.6	0	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0084	0.0107	127.7	0.0008	0.0159
V_2924	292.402 {1	Y_3600	ppm	0	0.0005	2099	-0.0003	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0079	0.0097	121.9	0.0011	0.0148

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.903	2.3734	4.099	59.582	56.225
In2306	230.606 {4	Cts/S	9903.6	409.39	4.1338	10193	9614.1
Y_2243	224.306 {4	Cts/S	12578	327.69	2.6053	12810	12346
Y_3600	360.073 { 9	Cts/S	46243	29.58	0.06397	46222	46264
Y_3710	371.030 { 9	Cts/S	8464.2	193.7	2.2885	8601.2	8327.2

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	108.6	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0391	0.0347	88.89	0.0637	0.0145
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0005	84.65	0.0002	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.4959	0.012	2.427	0.5044	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.1304	0.0007	0.5281	0.1309	0.1299
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	45.97	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	35.54	1.316	3.704	34.6	36.47
Ca3181	318.128 {1	In2306	ppm	35.87	1.285	3.584	34.96	36.78
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	158.9	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	59.81	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	33.77	0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0211	0.0002	0.7655	0.021	0.0213

Fe2404	240.488 {1	In2306	ppm	0.0144	0.0041	28.46	0.0115	0.0173
K_7664	766.490 { 4	Y_3710	ppm	14.61	0.7289	4.991	15.12	14.09
K_7698	769.896 { 4	Y_3710	ppm	14.88	0.7324	4.921	15.4	14.37
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.002	8.041	0.0262	0.0234
Mg2790	279.079 {1	Y_3710	ppm	6.246	0.0882	1.412	6.183	6.308
Mn2576	257.610 {1	Y_3600	ppm	0.0068	0	0.2036	0.0068	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0069	0.0002	2.756	0.0068	0.007
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0002	9.694	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	141	13.19	9.35	150.4	131.7
Na8183	818.326 { 4	Y_3710	ppm	149.7	3.603	2.407	152.2	147.1
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	68.53	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	3.021	0.0147	0.4878	3.031	3.01
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	49.6	0.0002	0.0003
S_1820	182.034 {4	Y_2243	ppm	-898.3	4.539	0.5052	-901.5	-895.1
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0005	16.13	0.0027	0.0034
Se1960	196.090 {4	Y_2243	ppm	0.0001	0	12.46	0.0001	0.0002
Si2516	251.611 {1	Y_3710	ppm	8.286	0.0473	0.5711	8.319	8.252
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	35.37	0.0004	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4904	0.0012	0.2384	0.4912	0.4895
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0006	56.23	0.0016	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0006	43.27	0.0017	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0002	22.13	0.0013	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0672	0.0008	1.119	0.0677	0.0667

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.793	0.68152	1.2438	55.274	54.311
In2306	230.606 {4	Cts/S	8759.4	6.175	0.0705	8763.7	8755
Y_2243	224.306 {4	Cts/S	11899	31.984	0.26878	11922	11877
Y_3600	360.073 { 9	Cts/S	48237	325.52	0.67484	48467	48006
Y_3710	371.030 { 9	Cts/S	7962.8	41.808	0.52504	7933.2	7992.3

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Run Time=1/25/2012 11:53:36
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0005	99.81	0.0008	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0041	0.0179	440.7	-0.0168	0.0086
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0008	43.49	0.0024	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1323	0.0034	2.59	0.1347	0.1298
Ba4554	455.403 { 7	Y_3710	ppm	0.1626	0.001	0.5865	0.1619	0.1633
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	576.1	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	52.35	0.1462	0.2792	52.25	52.46
Ca3181	318.128 {1	In2306	ppm	52.4	0.3865	0.7376	52.13	52.68
Cd2288	228.802 {4	Y_2243	ppm	0	0	52.34	0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	69.38	-0.0003	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0001	7.627	0.0014	0.0013

Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0006	9.486	0.0067	0.0058
Fe2404	240.488 {1	In2306	ppm	0.0037	0.0292	791.1	0.0244	-0.017
K_7664	766.490 { 4	Y_3710	ppm	7.907	0.1049	1.327	7.833	7.981
K_7698	769.896 { 4	Y_3710	ppm	7.854	0.0969	1.234	7.786	7.923
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0002	1.768	0.01	0.0103
Mg2790	279.079 {1	Y_3710	ppm	4.739	0.0615	1.299	4.783	4.696
Mn2576	257.610 {1	Y_3600	ppm	0.0017	0.0001	7.614	0.0016	0.0018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0023	0.0009	41.29	0.003	0.0016
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0	7.273	0.0006	0.0006
Na5895	589.592 { 5	Y_3710	ppm	56.91	1.336	2.347	55.97	57.86
Na8183	818.326 { 4	Y_3710	ppm	55.97	0.3639	0.6503	55.71	56.23
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	257.3	0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	2.306	0.0031	0.135	2.304	2.308
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	21.8	0.0003	0.0004
S_1820	182.034 {4	Y_2243	ppm	-301.1	7.452	2.475	-295.8	-306.4
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0005	789.1	-0.0003	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0007	210	-0.0002	0.0008
Si2516	251.611 {1	Y_3710	ppm	10.41	0.0621	0.5969	10.45	10.36
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0003	63.47	-0.0007	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2129	0	0.0112	0.2129	0.2128
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0005	92.42	0.0009	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0004	65.4	0.001	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0035	0	0.0856	0.0035	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0386	0.0001	0.2761	0.0385	0.0387

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.283	0.25236	0.4649	54.461	54.104
In2306	230.606 {4	Cts/S	9084.2	25.006	0.27527	9101.9	9066.5
Y_2243	224.306 {4	Cts/S	12169	11.931	0.09804	12177	12160
Y_3600	360.073 { 9	Cts/S	47325	83.477	0.17639	47384	47266
Y_3710	371.030 { 9	Cts/S	8119	13.58	0.16726	8128.7	8109.4

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Custom ID3=
Run Time=1/25/2012 11:56:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	148	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.3849	0.0146	3.8	0.3745	0.3952
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0006	15.49	0.0032	0.004
B_2496	249.678 {1	Y_3710	ppm	0.1212	0.0001	0.1196	0.1213	0.1211
Ba4554	455.403 { 7	Y_3710	ppm	0.182	0.0018	0.989	0.1833	0.1807
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	294.9	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	50.03	0.6221	1.243	49.59	50.47
Ca3181	318.128 {1	In2306	ppm	50.21	1.035	2.061	49.48	50.94
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	23.63	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	49.54	0.0004	0.0002

Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	30.95	0.0015	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0396	0.0002	0.5147	0.0397	0.0394
Fe2404	240.488 {1	In2306	ppm	0.1949	0.0158	8.114	0.2061	0.1837
K_7664	766.490 { 4	Y_3710	ppm	15.47	0.6158	3.982	15.9	15.03
K_7698	769.896 { 4	Y_3710	ppm	15.6	0.6778	4.343	16.08	15.13
Li6707	670.784 { 5	Y_3710	ppm	0.0121	0.0005	4.381	0.0124	0.0117
Mg2790	279.079 {1	Y_3710	ppm	5.372	0.0538	1.002	5.41	5.334
Mn2576	257.610 {1	Y_3600	ppm	0.0261	0.0001	0.384	0.0261	0.0262
Mn2576-2	257.610 {1	Y_3710	ppm	0.0253	0.0025	9.86	0.0236	0.0271
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0	1.143	0.0013	0.0013
Na5895	589.592 { 5	Y_3710	ppm	78.22	2.85	3.643	80.23	76.2
Na8183	818.326 { 4	Y_3710	ppm	74.04	1.66	2.241	75.21	72.87
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0002	20.23	0.001	0.0013
P_1782	178.284 {4	In2306	ppm	6.921	0.0232	0.3352	6.937	6.905
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0002	23.67	0.0008	0.0006
S_1820	182.034 {4	Y_2243	ppm	-459.5	1.427	0.3105	-460.5	-458.5
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.001	151.1	0	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0027	0	1.304	0.0026	0.0027
Si2516	251.611 {1	Y_3710	ppm	10.49	0.0166	0.1585	10.5	10.48
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0004	14.25	0.0031	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.22	0.0015	0.6901	0.2211	0.2189
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0001	2.776	0.002	0.002
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0019	156.1	0.0025	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0036	0.0006	17.87	0.0041	0.0032
Zn2062	206.200 {4	In2306	ppm	0.1185	0.001	0.8514	0.1192	0.1178

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.143	0.47775	0.88239	53.806	54.481
In2306	230.606 {4	Cts/S	8942.4	8.7121	0.09742	8948.5	8936.2
Y_2243	224.306 {4	Cts/S	12005	10.387	0.08652	12013	11998
Y_3600	360.073 { 9	Cts/S	46599	251.96	0.54071	46420	46777
Y_3710	371.030 { 9	Cts/S	7847.3	75.291	0.95945	7794.1	7900.6

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Custom ID3=
Run Time=1/25/2012 11:58:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	200.5	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.1332	0.0458	34.4	0.1008	0.1656
As1890	189.042 {4	Y_2243	ppm	0.005	0.001	18.97	0.0043	0.0057
B_2496	249.678 {1	Y_3710	ppm	0.2543	0.0068	2.666	0.2495	0.2591
Ba4554	455.403 { 7	Y_3710	ppm	0.0685	0.0004	0.6102	0.0682	0.0688
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	1313	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	47.43	0.1852	0.3905	47.3	47.56
Ca3181	318.128 {1	In2306	ppm	47.88	0.2166	0.4525	47.73	48.03
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	89.67	-0.0002	0

Co2286	228.616 {4	In2306	ppm	0.0013	0.0003	21.73	0.0011	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0005	26.38	0.0016	0.0024
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0009	77.27	-0.0005	-0.0018
Fe2404	240.488 {1	In2306	ppm	0.0982	0.014	14.31	0.0883	0.1081
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.1516	1.453	10.54	10.33
K_7698	769.896 { 4	Y_3710	ppm	10.63	0.1915	1.802	10.76	10.49
Li6707	670.784 { 5	Y_3710	ppm	0.0346	0.001	2.966	0.0354	0.0339
Mg2790	279.079 {1	Y_3710	ppm	6.437	0.0676	1.05	6.389	6.485
Mn2576	257.610 {1	Y_3600	ppm	0.0053	0	0.9302	0.0052	0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	0.0054	0.0011	21.31	0.0046	0.0062
Mo2020	202.030 {4	Y_2243	ppm	0.0296	0.001	3.342	0.0303	0.0289
Na5895	589.592 { 5	Y_3710	ppm	530.4	28.84	5.437	550.7	510
Na8183	818.326 { 4	Y_3710	ppm	742.6	0.1854	0.025	742.7	742.5
Ni2316	231.604 {4	In2306	ppm	0.0049	0.0001	1.764	0.005	0.0048
P_1782	178.284 {4	In2306	ppm	0.6764	0.2416	35.72	0.5056	0.8472
Pb2203	220.353 {4	In2306	ppm	0.001	0.0004	40.07	0.0007	0.0013
S_1820	182.034 {4	Y_2243	ppm	-14250	290.6	2.039	-14460	-14050
Sb2068	206.833 {4	Y_2243	ppm	0.0026	0.0004	14.93	0.0028	0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0739	0.0014	1.959	0.075	0.0729
Si2516	251.611 {1	Y_3710	ppm	3.958	0.0622	1.572	3.914	4.002
Sn1899	189.989 {4	In2306	ppm	0	0.0004	894.9	-0.0002	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4	0.0049	1.233	0.3965	0.4035
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	44.18	0.0013	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	57.62	0.0005	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0085	0.0001	0.6746	0.0085	0.0086
Zn2062	206.200 {4	In2306	ppm	0.0523	0.0029	5.526	0.0502	0.0543

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.328	0.70827	1.3281	52.827	53.829
In2306	230.606 {4	Cts/S	7766.1	79.658	1.0257	7822.4	7709.8
Y_2243	224.306 {4	Cts/S	11153	108.54	0.9732	11230	11076
Y_3600	360.073 { 9	Cts/S	48409	653.32	1.3496	47947	48871
Y_3710	371.030 { 9	Cts/S	7803.5	51.182	0.65588	7839.7	7767.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	210.1	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.087	0.0052	5.979	0.0907	0.0833
As1890	189.042 {4	Y_2243	ppm	0.0069	0.0005	7.209	0.0072	0.0065
B_2496	249.678 {1	Y_3710	ppm	0.0682	0.0079	11.52	0.0627	0.0738
Ba4554	455.403 { 7	Y_3710	ppm	0.1056	0.0007	0.684	0.1051	0.1061
Be3130	313.042 {1	Y_3710	ppm	-0.0004	0.0001	19.26	-0.0003	-0.0004
Ca3158	315.887 {1	In2306	ppm	1339	3.401	0.2539	1337	1342
Ca3181	318.128 {1	In2306	ppm	1404	4.092	0.2914	1401	1407

Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	854.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0003	51.02	0.0004	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0035	0.0004	10.18	0.0037	0.0032
Cu3247	324.754 {1	Y_3600	ppm	-0.0028	0.0001	2.091	-0.0028	-0.0027
Fe2404	240.488 {1	In2306	ppm	0.169	0.0225	13.32	0.1531	0.1849
K_7664	766.490 { 4	Y_3710	ppm	5.682	0.0972	1.71	5.614	5.751
K_7698	769.896 { 4	Y_3710	ppm	5.808	0.0382	0.6574	5.781	5.835
Li6707	670.784 { 5	Y_3710	ppm	0.0208	0.0003	1.441	0.0206	0.021
Mg2790	279.079 {1	Y_3710	ppm	20.04	0.0659	0.3287	19.99	20.09
Mn2576	257.610 {1	Y_3600	ppm	0.0562	0.0001	0.1112	0.0562	0.0563
Mn2576-2	257.610 {1	Y_3710	ppm	0.056	0.0007	1.249	0.0565	0.0556
Mo2020	202.030 {4	Y_2243	ppm	0.0101	0	0.1415	0.0102	0.0101
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3096	31.23	1.009	3118	3074
Ni2316	231.604 {4	In2306	ppm	0.0076	0	0.1484	0.0076	0.0076
P_1782	178.284 {4	In2306	ppm	4.217	0.1312	3.111	4.31	4.124
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0005	65.2	-0.0004	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-19000	540.1	2.842	-19380	-18620
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0011	210	-0.0003	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0001	2.72	0.0026	0.0025
Si2516	251.611 {1	Y_3710	ppm	4.734	0.003	0.0636	4.732	4.736
Sn1899	189.989 {4	In2306	ppm	0.0003	0	7.378	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	2.459	0.0026	0.1051	2.457	2.461
Ti3349	334.904 {1	Y_3600	ppm	0.0062	0.0001	1.708	0.0063	0.0062
Tl1908	190.856 {4	In2306	ppm	-0.0027	0.0002	8.687	-0.0025	-0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0027	0	1.708	0.0027	0.0027
Zn2062	206.200 {4	In2306	ppm	0.0095	0.0002	2.34	0.0094	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.437	0.50479	1.0641	47.794	47.08
In2306	230.606 {4	Cts/S	5917.4	125.74	2.1249	5828.5	6006.3
Y_2243	224.306 {4	Cts/S	9040.9	190.19	2.1037	8906.5	9175.4
Y_3600	360.073 { 9	Cts/S	47076	70.029	0.14876	47125	47026
Y_3710	371.030 { 9	Cts/S	7375.8	2.0822	0.02823	7377.3	7374.3

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	29.76	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0084	0.0023	26.93	0.01	0.0068
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0003	47.3	0.0004	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0089	0.0089	100.2	0.0152	0.0026
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0001	8.096	0.001	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	349.1	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.8754	0.0437	4.992	0.9063	0.8445

Ca3181	318.128 {1	In2306	ppm	1.098	0.0212	1.926	1.083	1.113
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	34.5	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0	46.75	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0006	292.3	0.0002	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	7.753	-0.0019	-0.0017
Fe2404	240.488 {1	In2306	ppm	0.039	0.0009	2.261	0.0397	0.0384
K_7664	766.490 { 4	Y_3710	ppm	7.016	0.6972	9.938	6.523	7.509
K_7698	769.896 { 4	Y_3710	ppm	6.931	0.6859	9.897	6.446	7.416
Li6707	670.784 { 5	Y_3710	ppm	0.0008	0.0002	22.42	0.0009	0.0007
Mg2790	279.079 {1	Y_3710	ppm	0.0414	0.0196	47.36	0.0275	0.0553
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	4.636	0.0014	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0006	38.52	0.0012	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0007	108.5	0.0002	0.0012
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	30.62
Na8183	818.326 { 4	Y_3710	ppm	28.84	2.107	7.307	27.35	30.33
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	125.9	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.2279	0.1163	51	0.1457	0.3101
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0009	720.9	0.0008	-0.0005
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-266	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0023	290	-0.0008	0.0024
Se1960	196.090 {4	Y_2243	ppm	-0.0017	0.0007	42.34	-0.0012	-0.0022
Si2516	251.611 {1	Y_3710	ppm	0.0448	0.0167	37.24	0.033	0.0566
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0004	114.7	-0.0007	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.004	0.0001	1.775	0.0041	0.004
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0005	99.94	-0.0008	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0002	38.35	0.0008	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0002	63.51	-0.0002	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0052	0.0007	12.81	0.0047	0.0056

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.76	0.8915	1.5707	57.39	56.13
In2306	230.606 {4	Cts/S	9083.3	540.36	5.949	9465.4	8701.2
Y_2243	224.306 {4	Cts/S	12174	366.1	3.0071	12433	11916
Y_3600	360.073 { 9	Cts/S	47248	47.296	0.1001	47281	47214
Y_3710	371.030 { 9	Cts/S	8461.4	113.69	1.3436	8541.8	8381

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0015	0.611	0.2399	0.2419
Al3082	308.215 {1	In2306	ppm	2.602	0.09	3.46	2.666	2.538
As1890	189.042 {4	Y_2243	ppm	0.4736	0.0013	0.2686	0.4745	0.4727
B_2496	249.678 {1	Y_3710	ppm	0.4726	0.0028	0.5877	0.4745	0.4706
Ba4554	455.403 { 7	Y_3710	ppm	0.4841	0.0012	0.2507	0.485	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4927	0.0009	0.1818	0.4933	0.492

Ca3158	315.887 {1	In2306	ppm	12.32	0.1864	1.513	12.19	12.45
Ca3181	318.128 {1	In2306	ppm	12.55	0.1515	1.207	12.44	12.66
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.0044	0.9242	0.4805	0.4742
Co2286	228.616 {4	In2306	ppm	0.4857	0.004	0.8258	0.4885	0.4829
Cr2677	267.716 {1	Y_3600	ppm	0.4943	0.0014	0.2928	0.4933	0.4953
Cu3247	324.754 {1	Y_3600	ppm	0.4865	0.0002	0.042	0.4863	0.4866
Fe2404	240.488 {1	In2306	ppm	2.373	0.0326	1.374	2.35	2.396
K_7664	766.490 { 4	Y_3710	ppm	13.39	0.0316	0.2359	13.36	13.41
K_7698	769.896 { 4	Y_3710	ppm	13.48	0.002	0.0149	13.48	13.48
Li6707	670.784 { 5	Y_3710	ppm	0.5261	0.0001	0.0155	0.5261	0.526
Mg2790	279.079 {1	Y_3710	ppm	4.724	0.0408	0.8639	4.695	4.753
Mn2576	257.610 {1	Y_3600	ppm	0.4831	0.0018	0.3777	0.4818	0.4844
Mn2576-2	257.610 {1	Y_3710	ppm	0.4539	0.0024	0.52	0.4522	0.4555
Mo2020	202.030 {4	Y_2243	ppm	0.4788	0.0058	1.202	0.4829	0.4748
Na5895	589.592 { 5	Y_3710	ppm	13.27	0.0211	0.1591	13.25	13.28
Na8183	818.326 { 4	Y_3710	ppm	12.82	0.1424	1.111	12.92	12.72
Ni2316	231.604 {4	In2306	ppm	0.4744	0.0034	0.7075	0.4767	0.472
P_1782	178.284 {4	In2306	ppm	0.004	0.0061	151.7	-0.0003	0.0083
Pb2203	220.353 {4	In2306	ppm	0.4774	0.0032	0.6731	0.4797	0.4752
S_1820	182.034 {4	Y_2243	ppm	-61.46	24.37	39.65	-44.23	-78.7
Sb2068	206.833 {4	Y_2243	ppm	0.4664	0.0054	1.163	0.4703	0.4626
Se1960	196.090 {4	Y_2243	ppm	0.481	0.0029	0.6121	0.4831	0.479
Si2516	251.611 {1	Y_3710	ppm	0.7823	0.0013	0.1656	0.7832	0.7814
Sn1899	189.989 {4	In2306	ppm	0.4943	0.0042	0.8435	0.4973	0.4914
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0004	0.1602	0.2438	0.2432
Ti3349	334.904 {1	Y_3600	ppm	0.5066	0.0004	0.0704	0.5064	0.5069
Tl1908	190.856 {4	In2306	ppm	0.4761	0.0147	3.093	0.4865	0.4657
V_2924	292.402 {1	Y_3600	ppm	0.5057	0.0023	0.4464	0.5041	0.5073
Zn2062	206.200 {4	In2306	ppm	0.484	0.0018	0.3632	0.4853	0.4828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.745	0.30748	0.54186	56.962	56.528
In2306	230.606 {4	Cts/S	9559	44.099	0.46133	9590.2	9527.8
Y_2243	224.306 {4	Cts/S	12613	22.975	0.18215	12629	12597
Y_3600	360.073 { 9	Cts/S	47063	156.26	0.33201	47174	46953
Y_3710	371.030 { 9	Cts/S	8107.1	19.556	0.24122	8093.2	8120.9

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0002	3.296	0.005	0.0052
Al3082	308.215 {1	In2306	ppm	0.1257	0.0294	23.35	0.105	0.1465
As1890	189.042 {4	Y_2243	ppm	0.0104	0.0024	23.21	0.0087	0.0121
B_2496	249.678 {1	Y_3710	ppm	0.0121	0.0057	47.09	0.008	0.0161
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0003	3.339	0.0095	0.01

Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	4.038	0.0048	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0988	0.0137	13.89	0.0891	0.1084
Ca3181	318.128 {1	In2306	ppm	0.0905	0.0286	31.58	0.0703	0.1107
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.003	41.62	0.0051	0.0093
Co2286	228.616 {4	In2306	ppm	0.0122	0.0033	26.88	0.0099	0.0146
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0001	1.066	0.0092	0.0093
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	0.6214	0.0086	0.0087
Fe2404	240.488 {1	In2306	ppm	0.0762	0.0098	12.92	0.0831	0.0692
K_7664	766.490 { 4	Y_3710	ppm	0.6496	0.0008	0.1245	0.649	0.6501
K_7698	769.896 { 4	Y_3710	ppm	0.3746	0.0015	0.4047	0.3757	0.3735
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0004	3.909	0.0096	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.0439	0.0644	146.8	-0.0017	0.0894
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0002	2.184	0.0099	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0015	15.27	0.009	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.0136	0.0038	27.72	0.0109	0.0163
Na5895	589.592 { 5	Y_3710	ppm	0.8035	0.0105	1.305	0.7961	0.811
Na8183	818.326 { 4	Y_3710	ppm	0.6669	0.0661	9.911	0.7137	0.6202
Ni2316	231.604 {4	In2306	ppm	0.0122	0.0028	22.75	0.0102	0.0141
P_1782	178.284 {4	In2306	ppm	0.0098	0.0003	3.01	0.0096	0.01
Pb2203	220.353 {4	In2306	ppm	0.0126	0.0026	20.73	0.0107	0.0144
S_1820	182.034 {4	Y_2243	ppm	-2.138	2.059	96.29	-0.6823	-3.594
Sb2068	206.833 {4	Y_2243	ppm	0.0187	0.0037	19.87	0.016	0.0213
Se1960	196.090 {4	Y_2243	ppm	0.0106	0.0017	15.74	0.0094	0.0118
Si2516	251.611 {1	Y_3710	ppm	-0.0282	0	0.0564	-0.0282	-0.0282
Sn1899	189.989 {4	In2306	ppm	0.0128	0.004	31.27	0.01	0.0156
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	2.654	0.0045	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0002	2.125	0.0101	0.0104
Tl1908	190.856 {4	In2306	ppm	0.0153	0.0047	30.87	0.012	0.0186
V_2924	292.402 {1	Y_3600	ppm	0.0103	0.0004	4.129	0.0106	0.01
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0031	28.6	0.0087	0.0131

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.569	1.1304	2.0342	56.369	54.77
In2306	230.606 {4	Cts/S	10166	3.0063	0.02957	10169	10164
Y_2243	224.306 {4	Cts/S	12863	44.934	0.34933	12831	12895
Y_3600	360.073 { 9	Cts/S	46327	238.52	0.51486	46158	46496
Y_3710	371.030 { 9	Cts/S	8420.3	20.507	0.24354	8434.8	8405.8

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	354.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0177	0.0004	2.105	-0.018	-0.0174
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0014	255.1	-0.0004	0.0015
B_2496	249.678 {1	Y_3710	ppm	-0.0048	0.0067	139.3	-0.0095	-0.0001

Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	2884	0	0
Be3130	313.042 {1(	Y_3710	ppm	-0.0003	0.0002	57.7	-0.0002	-0.0005
Ca3158	315.887 {1(	In2306	ppm	-0.0115	0.0223	194.7	-0.0273	0.0043
Ca3181	318.128 {1(	In2306	ppm	0.0559	0.0575	102.7	0.0153	0.0965
Cd2288	228.802 {4(	Y_2243	ppm	0	0.0001	364.4	0	0.0001
Co2286	228.616 {4(	In2306	ppm	0.0002	0.0002	96.28	0.0001	0.0003
Cr2677	267.716 {1:	Y_3600	ppm	0	0.0004	10180	0.0003	-0.0003
Cu3247	324.754 {1(	Y_3600	ppm	-0.0012	0.0002	14.22	-0.0011	-0.0013
Fe2404	240.488 {1(	In2306	ppm	-0.0136	0.0076	55.75	-0.0082	-0.0189
K_7664	766.490 { 4	Y_3710	ppm	0.023	0.0232	100.7	0.0394	0.0066
K_7698	769.896 { 4	Y_3710	ppm	-0.0206	0.0077	37.57	-0.0151	-0.026
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	33.16	0.0002	0.0004
Mg2790	279.079 {1:	Y_3710	ppm	-0.0484	0.1132	233.7	0.0316	-0.1285
Mn2576	257.610 {1:	Y_3600	ppm	0.0001	0	19.54	0.0001	0.0001
Mn2576-2	257.610 {1:	Y_3710	ppm	0.0017	0.0027	159.2	-0.0002	0.0036
Mo2020	202.030 {4(	Y_2243	ppm	0.0002	0.0001	51.9	0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.1781	0.0012	0.6979	0.1789	0.1772
Na8183	818.326 { 4	Y_3710	ppm	-0.1446	0.0821	56.81	-0.0865	-0.2027
Ni2316	231.604 {4(	In2306	ppm	0.0001	0.0002	174.5	0.0002	0
P_1782	178.284 {4!	In2306	ppm	-0.0004	0.0001	14.46	-0.0004	-0.0005
Pb2203	220.353 {4!	In2306	ppm	0.0003	0.0016	487.7	-0.0008	0.0015
S_1820	182.034 {4!	Y_2243	ppm	-1.182	0.0269	2.279	-1.163	-1.201
Sb2068	206.833 {4(	Y_2243	ppm	0.0043	0.0004	8.823	0.0045	0.004
Se1960	196.090 {4'	Y_2243	ppm	-0.0011	0.0003	31.15	-0.0009	-0.0014
Si2516	251.611 {1:	Y_3710	ppm	-0.0238	0.0002	0.9862	-0.0239	-0.0236
Sn1899	189.989 {4'	In2306	ppm	0	0.0002	635	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0	148.7	0	0
Ti3349	334.904 {1(	Y_3600	ppm	0.0001	0.0004	438.8	-0.0002	0.0004
Tl1908	190.856 {4'	In2306	ppm	0.0008	0	0.8025	0.0008	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0003	86.14	0.0001	0.0006
Zn2062	206.200 {4(	In2306	ppm	0.0001	0.0001	76.28	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1(	Cts/S	56.886	1.2034	2.1154	56.036	57.737
In2306	230.606 {4(	Cts/S	10164	4.8175	0.0474	10161	10168
Y_2243	224.306 {4!	Cts/S	12825	23.921	0.18652	12808	12842
Y_3600	360.073 { 9	Cts/S	45550	32.669	0.07172	45573	45527
Y_3710	371.030 { 9	Cts/S	8197.5	51.49	0.62812	8161.1	8233.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	ppm	0.0001	0.0002	159	0	0.0003
Al3082	308.215 {1(	In2306	ppm	0.154	0.0323	21	0.1768	0.1311
As1890	189.042 {4'	Y_2243	ppm	0.0015	0.0007	44.22	0.001	0.0019

B_2496	249.678 {1	Y_3710	ppm	0.0901	0.003	3.364	0.0879	0.0922
Ba4554	455.403 { 7	Y_3710	ppm	0.0581	0.0007	1.281	0.0586	0.0575
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	173.4	0.0002	0
Ca3158	315.887 {1	In2306	ppm	19.2	0.2502	1.303	19.02	19.38
Ca3181	318.128 {1	In2306	ppm	19.32	0.2111	1.093	19.17	19.47
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	8.017	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	31.89	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	267.9	-0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0007	0.0001	15.3	-0.0006	-0.0008
Fe2404	240.488 {1	In2306	ppm	0.1566	0.0254	16.25	0.1746	0.1386
K_7664	766.490 { 4	Y_3710	ppm	4.999	0.261	5.221	5.183	4.814
K_7698	769.896 { 4	Y_3710	ppm	4.888	0.2806	5.741	5.087	4.69
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0001	3.157	0.0044	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.242	0.0438	1.955	2.211	2.273
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0.0002	1.122	0.0183	0.018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0167	0.0003	1.576	0.0165	0.0169
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0	2.408	0.0015	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	65.65	^ -----
Na8183	818.326 { 4	Y_3710	ppm	67.42	1.64	2.432	68.58	66.26
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0001	10.94	0.0014	0.0012
P_1782	178.284 {4	In2306	ppm	0.1305	0	0.0259	0.1305	0.1305
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	45.29	0.0009	0.0004
S_1820	182.034 {4	Y_2243	ppm	-319.3	1.934	0.6056	-320.7	-317.9
Sb2068	206.833 {4	Y_2243	ppm	0	0.0012	5640	0.0008	-0.0009
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0005	44.56	-0.0016	-0.0008
Si2516	251.611 {1	Y_3710	ppm	1.4	0.0077	0.5471	1.405	1.394
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	75.74	-0.0002	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.0983	0.001	1.021	0.099	0.0976
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0009	59.16	0.0009	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0003	0.0009	312.3	-0.0004	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0034	0	1.358	0.0034	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0054	0.0001	1.906	0.0055	0.0054

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.316	0.42864	0.77489	55.013	55.619
In2306	230.606 {4	Cts/S	9262.9	0.47817	0.00516	9263.3	9262.6
Y_2243	224.306 {4	Cts/S	12340	4.0816	0.03308	12337	12343
Y_3600	360.073 { 9	Cts/S	48026	319.96	0.66622	47800	48252
Y_3710	371.030 { 9	Cts/S	8276.2	87.52	1.0575	8214.3	8338.1

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0008	254.2	-0.0002	0.0009
Al3082	308.215 {1	In2306	ppm	0.188	0.0043	2.277	0.191	0.185

As1890	189.042 {4	Y_2243	ppm	0.0022	0.0013	60.64	0.0032	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1079	0.0009	0.8525	0.1073	0.1086
Ba4554	455.403 { 7	Y_3710	ppm	0.0584	0.0005	0.8408	0.0587	0.058
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.326	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	19.15	0.4196	2.191	18.85	19.45
Ca3181	318.128 {1	In2306	ppm	19.26	0.4996	2.595	18.9	19.61
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	43.63	-0.0002	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	33.01	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0007	179.3	-0.0008	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0002	0.0005	237.1	-0.0001	0.0005
Fe2404	240.488 {1	In2306	ppm	0.1506	0.0023	1.528	0.1522	0.149
K_7664	766.490 { 4	Y_3710	ppm	5.073	0.0303	0.5971	5.095	5.052
K_7698	769.896 { 4	Y_3710	ppm	4.92	0.0538	1.093	4.958	4.882
Li6707	670.784 { 5	Y_3710	ppm	0.0044	0.0003	6.131	0.0046	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.241	0.0892	3.98	2.304	2.178
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0	0.0288	0.0182	0.0182
Mn2576-2	257.610 {1	Y_3710	ppm	0.0156	0.0021	13.64	0.0141	0.0171
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0.0001	5.207	0.0015	0.0014
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	66.36	^ -----
Na8183	818.326 { 4	Y_3710	ppm	68.16	0.059	0.0866	68.12	68.2
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0003	24.89	0.001	0.0014
P_1782	178.284 {4	In2306	ppm	0.1286	0	0.0107	0.1286	0.1286
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0011	1832	0.0007	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-317.1	0.4837	0.1525	-316.8	-317.5
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	5.833	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0013	449.3	0.0012	-0.0006
Si2516	251.611 {1	Y_3710	ppm	1.422	0.0213	1.498	1.407	1.437
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	94.83	-0.0008	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0988	0.0003	0.2671	0.099	0.0987
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0	0.0283	0.0026	0.0026
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0004	212.9	-0.0004	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0003	7.286	0.0039	0.0044
Zn2062	206.200 {4	In2306	ppm	0.0051	0.0001	2.694	0.0052	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.065	1.199	2.2176	54.913	53.217
In2306	230.606 {4	Cts/S	9266.8	18.621	0.20094	9280	9253.7
Y_2243	224.306 {4	Cts/S	12350	37.464	0.30334	12377	12324
Y_3600	360.073 { 9	Cts/S	47876	536.14	1.1199	47497	48255
Y_3710	371.030 { 9	Cts/S	8149.7	19.965	0.24498	8135.6	8163.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4877	0.0011	0.2211	0.4869	0.4885

Al3082	308.215 {1	In2306	ppm	10.52	0.3791	3.604	10.79	10.25
As1890	189.042 {4	Y_2243	ppm	0.9505	0.0026	0.2781	0.9524	0.9487
B_2496	249.678 {1	Y_3710	ppm	1.052	0.0099	0.937	1.059	1.046
Ba4554	455.403 { 7	Y_3710	ppm	1.021	0.0052	0.5059	1.025	1.018
Be3130	313.042 {1	Y_3710	ppm	0.487	0.0011	0.2231	0.4862	0.4877
Ca3158	315.887 {1	In2306	ppm	28.41	0.4907	1.727	28.76	28.07
Ca3181	318.128 {1	In2306	ppm	28.65	0.4577	1.597	28.98	28.33
Cd2288	228.802 {4	Y_2243	ppm	0.4762	0.0009	0.1848	0.4768	0.4756
Co2286	228.616 {4	In2306	ppm	0.979	0.0012	0.1199	0.9798	0.9781
Cr2677	267.716 {1	Y_3600	ppm	0.9624	0.0053	0.5524	0.9662	0.9587
Cu3247	324.754 {1	Y_3600	ppm	0.9858	0.0095	0.9653	0.9791	0.9926
Fe2404	240.488 {1	In2306	ppm	9.682	0.1495	1.544	9.788	9.576
K_7664	766.490 { 4	Y_3710	ppm	16.16	0.3502	2.167	16.41	15.92
K_7698	769.896 { 4	Y_3710	ppm	16.41	0.3687	2.247	16.67	16.15
Li6707	670.784 { 5	Y_3710	ppm	0.5444	0.0164	3.018	0.556	0.5328
Mg2790	279.079 {1	Y_3710	ppm	11.84	0.024	0.2028	11.82	11.86
Mn2576	257.610 {1	Y_3600	ppm	0.9608	0.0046	0.4812	0.9641	0.9576
Mn2576-2	257.610 {1	Y_3710	ppm	0.9108	0.0032	0.3535	0.9085	0.9131
Mo2020	202.030 {4	Y_2243	ppm	0.9305	0.0048	0.5145	0.9338	0.9271
Na5895	589.592 { 5	Y_3710	ppm	77.75	0.0401	0.0516	77.72	77.78
Na8183	818.326 { 4	Y_3710	ppm	80.06	1.091	1.363	80.83	79.29
Ni2316	231.604 {4	In2306	ppm	0.9474	0.0035	0.3705	0.9499	0.9449
P_1782	178.284 {4	In2306	ppm	0.1319	0.0006	0.4416	0.1315	0.1323
Pb2203	220.353 {4	In2306	ppm	0.9456	0.0004	0.0375	0.9459	0.9454
S_1820	182.034 {4	Y_2243	ppm	-313.4	1.351	0.4312	-314.3	-312.4
Sb2068	206.833 {4	Y_2243	ppm	0.9194	0.0098	1.068	0.9264	0.9125
Se1960	196.090 {4	Y_2243	ppm	0.9531	0.0064	0.6691	0.9576	0.9486
Si2516	251.611 {1	Y_3710	ppm	2.268	0.0201	0.8872	2.254	2.282
Sn1899	189.989 {4	In2306	ppm	0.9972	0.0013	0.1332	0.9981	0.9962
Sr4215	421.552 { 8	Y_3710	ppm	0.5738	0.004	0.6967	0.5767	0.571
Ti3349	334.904 {1	Y_3600	ppm	0.9882	0.001	0.0998	0.9889	0.9875
Tl1908	190.856 {4	In2306	ppm	0.9685	0.0113	1.164	0.9765	0.9605
V_2924	292.402 {1	Y_3600	ppm	0.9962	0.0023	0.2346	0.9978	0.9945
Zn2062	206.200 {4	In2306	ppm	0.9876	0.0042	0.4259	0.9847	0.9906

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.104	1.8146	3.2931	53.821	56.387
In2306	230.606 {4	Cts/S	8952.6	30.144	0.33671	8931.3	8973.9
Y_2243	224.306 {4	Cts/S	12309	76.539	0.62183	12255	12363
Y_3600	360.073 { 9	Cts/S	47413	435.58	0.91869	47721	47105
Y_3710	371.030 { 9	Cts/S	7964.1	37.881	0.47565	7937.3	7990.9

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:22:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.4939	0.0013	0.256	0.4948	0.493
Al3082	308.215 {1	In2306	ppm	10.75	0.1215	1.13	10.67	10.84
As1890	189.042 {4	Y_2243	ppm	0.9619	0.0025	0.2643	0.9601	0.9637
B_2496	249.678 {1	Y_3710	ppm	1.067	0.0035	0.3272	1.07	1.065
Ba4554	455.403 { 7	Y_3710	ppm	1.036	0.0078	0.7548	1.03	1.041
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0008	0.1655	0.4939	0.4928
Ca3158	315.887 {1	In2306	ppm	28.14	0.3029	1.076	28.35	27.92
Ca3181	318.128 {1	In2306	ppm	28.4	0.275	0.9682	28.59	28.2
Cd2288	228.802 {4	Y_2243	ppm	0.4806	0.0004	0.0914	0.4803	0.4809
Co2286	228.616 {4	In2306	ppm	0.9903	0.0012	0.1168	0.9894	0.9911
Cr2677	267.716 {1	Y_3600	ppm	0.9789	0.0071	0.7219	0.9739	0.9839
Cu3247	324.754 {1	Y_3600	ppm	1.008	0.0037	0.3666	1.011	1.006
Fe2404	240.488 {1	In2306	ppm	9.727	0.0271	0.2789	9.746	9.708
K_7664	766.490 { 4	Y_3710	ppm	16.57	0.7346	4.434	16.05	17.09
K_7698	769.896 { 4	Y_3710	ppm	16.81	0.7418	4.412	16.29	17.34
Li6707	670.784 { 5	Y_3710	ppm	0.5629	0.0284	5.045	0.5428	0.583
Mg2790	279.079 {1	Y_3710	ppm	11.97	0.0194	0.1622	11.96	11.98
Mn2576	257.610 {1	Y_3600	ppm	0.97	0.0017	0.1771	0.9688	0.9712
Mn2576-2	257.610 {1	Y_3710	ppm	0.9168	0.0077	0.8388	0.9223	0.9114
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0017	0.1797	0.9437	0.9461
Na5895	589.592 { 5	Y_3710	ppm	79.51	0.0695	0.0875	79.46	79.56
Na8183	818.326 { 4	Y_3710	ppm	80.35	1.755	2.185	79.11	81.59
Ni2316	231.604 {4	In2306	ppm	0.9599	0.0015	0.1523	0.9589	0.9609
P_1782	178.284 {4	In2306	ppm	0.131	0.0005	0.38	0.1314	0.1307
Pb2203	220.353 {4	In2306	ppm	0.959	0.0011	0.114	0.9598	0.9582
S_1820	182.034 {4	Y_2243	ppm	-311.3	0.3674	0.118	-311	-311.5
Sb2068	206.833 {4	Y_2243	ppm	0.9431	0.0052	0.549	0.9468	0.9394
Se1960	196.090 {4	Y_2243	ppm	0.9603	0.0022	0.2317	0.9587	0.9619
Si2516	251.611 {1	Y_3710	ppm	2.311	0.0046	0.1989	2.307	2.314
Sn1899	189.989 {4	In2306	ppm	1.012	0.0001	0.0122	1.012	1.012
Sr4215	421.552 { 8	Y_3710	ppm	0.5817	0.0021	0.3615	0.5802	0.5832
Ti3349	334.904 {1	Y_3600	ppm	1.009	0.0016	0.1563	1.008	1.01
Tl1908	190.856 {4	In2306	ppm	0.9783	0.0094	0.9582	0.9849	0.9717
V_2924	292.402 {1	Y_3600	ppm	1.012	0.0015	0.1471	1.011	1.013
Zn2062	206.200 {4	In2306	ppm	0.9954	0.0009	0.0871	0.9948	0.9961

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.671	0.38719	0.70821	54.945	54.397
In2306	230.606 {4	Cts/S	8963.1	9.3891	0.10475	8969.7	8956.4
Y_2243	224.306 {4	Cts/S	12316	15.889	0.12902	12327	12305
Y_3600	360.073 { 9	Cts/S	47070	340.71	0.72383	46829	47311
Y_3710	371.030 { 9	Cts/S	7912.1	50.702	0.64082	7947.9	7876.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	13940	0.0002	-0.0002
Al3082	308.215	{1	In2306	ppm	3.967	0.1379	3.476	4.064	3.869
As1890	189.042	{4	Y_2243	ppm	0.0165	0.0153	92.47	0.0057	0.0274
B_2496	249.678	{1	Y_3710	ppm	0.1493	0.0029	1.933	0.1473	0.1514
Ba4554	455.403	{ 7	Y_3710	ppm	0.1867	0.0002	0.1251	0.1869	0.1866
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0002	167.7	0.0002	0
Ca3158	315.887	{1	In2306	ppm	50.32	2.368	4.705	52	48.65
Ca3181	318.128	{1	In2306	ppm	50.69	2.412	4.757	52.4	48.99
Cd2288	228.802	{4	Y_2243	ppm	0.0069	0.0083	119.1	0.0011	0.0128
Co2286	228.616	{4	In2306	ppm	0.0159	0.0177	111.8	0.0033	0.0284
Cr2677	267.716	{1	Y_3600	ppm	0.0082	0.0004	4.768	0.0079	0.0085
Cu3247	324.754	{1	Y_3600	ppm	0.0011	0.0001	7.159	0.0012	0.001
Fe2404	240.488	{1	In2306	ppm	2.225	0.0836	3.76	2.284	2.166
K_7664	766.490	{ 4	Y_3710	ppm	9.943	0.0593	0.5959	9.985	9.901
K_7698	769.896	{ 4	Y_3710	ppm	9.882	0.1078	1.091	9.958	9.806
Li6707	670.784	{ 5	Y_3710	ppm	0.0405	0.0003	0.8282	0.0408	0.0403
Mg2790	279.079	{1	Y_3710	ppm	14.46	0.1464	1.013	14.56	14.35
Mn2576	257.610	{1	Y_3600	ppm	0.054	0.0002	0.2996	0.0538	0.0541
Mn2576-2	257.610	{1	Y_3710	ppm	0.0512	0.0003	0.4905	0.0514	0.051
Mo2020	202.030	{4	Y_2243	ppm	0.0304	0.0183	60.31	0.0174	0.0434
Na5895	589.592	{ 5	Y_3710	ppm	70.28	0.4823	0.6863	69.94	70.62
Na8183	818.326	{ 4	Y_3710	ppm	71.81	0.0795	0.1107	71.86	71.75
Ni2316	231.604	{4	In2306	ppm	0.017	0.0172	100.8	0.0049	0.0292
P_1782	178.284	{4	In2306	ppm	0.6471	0.0136	2.099	0.6567	0.6374
Pb2203	220.353	{4	In2306	ppm	0.0142	0.0147	103.2	0.0038	0.0246
S_1820	182.034	{4	Y_2243	ppm	-831	12.43	1.496	-839.8	-822.2
Sb2068	206.833	{4	Y_2243	ppm	0.029	0.0187	64.33	0.0158	0.0422
Se1960	196.090	{4	Y_2243	ppm	0.0114	0.0121	106.7	0.0028	0.0199
Si2516	251.611	{1	Y_3710	ppm	10.42	0.0772	0.7408	10.48	10.37
Sn1899	189.989	{4	In2306	ppm	0.0185	0.0203	109.5	0.0042	0.0329
Sr4215	421.552	{ 8	Y_3710	ppm	0.395	0.0004	0.0938	0.3947	0.3953
Ti3349	334.904	{1	Y_3600	ppm	0.0338	0.0009	2.703	0.0331	0.0344
Tl1908	190.856	{4	In2306	ppm	0.025	0.0253	101.1	0.0071	0.0429
V_2924	292.402	{1	Y_3600	ppm	0.0283	0.0004	1.302	0.028	0.0286
Zn2062	206.200	{4	In2306	ppm	0.0526	0.0166	31.53	0.0408	0.0643

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.89	2.3722	4.4019	52.213	55.567
In2306	230.606	{4	Cts/S	8981.9	16.925	0.18843	8969.9	8993.8
Y_2243	224.306	{4	Cts/S	12227	60.574	0.49543	12184	12269
Y_3600	360.073	{ 9	Cts/S	47149	128.89	0.27338	47058	47240
Y_3710	371.030	{ 9	Cts/S	8043.1	13.015	0.16181	8033.9	8052.3

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0004	427.4	0.0002	-0.0004
Al3082	308.215	{1	In2306	ppm	25.93	0.2928	1.13	25.72	26.13
As1890	189.042	{4	Y_2243	ppm	0.0133	0.0002	1.702	0.0131	0.0134
B_2496	249.678	{1	Y_3710	ppm	0.3488	0.0071	2.039	0.3437	0.3538
Ba4554	455.403	{ 7	Y_3710	ppm	0.1792	0.0008	0.4611	0.1798	0.1787
Be3130	313.042	{1	Y_3710	ppm	0.0009	0	3.469	0.0009	0.001
Ca3158	315.887	{1	In2306	ppm	186.6	2.434	1.304	184.9	188.4
Ca3181	318.128	{1	In2306	ppm	191.3	2.502	1.308	189.6	193.1
Cd2288	228.802	{4	Y_2243	ppm	0.0092	0.0006	6.652	0.0088	0.0096
Co2286	228.616	{4	In2306	ppm	0.011	0.0015	13.82	0.0099	0.012
Cr2677	267.716	{1	Y_3600	ppm	0.0394	0.0003	0.6556	0.0396	0.0392
Cu3247	324.754	{1	Y_3600	ppm	0.0382	0.0012	3.047	0.0391	0.0374
Fe2404	240.488	{1	In2306	ppm	27.01	0.2668	0.9878	26.82	27.2
K_7664	766.490	{ 4	Y_3710	ppm	30.08	0.1412	0.4695	30.18	29.98
K_7698	769.896	{ 4	Y_3710	ppm	31.03	0.1819	0.586	31.16	30.91
Li6707	670.784	{ 5	Y_3710	ppm	0.1351	0.0011	0.8489	0.1359	0.1343
Mg2790	279.079	{1	Y_3710	ppm	17.64	0.1576	0.8933	17.53	17.75
Mn2576	257.610	{1	Y_3600	ppm	0.9451	0.0003	0.0306	0.9453	0.9449
Mn2576-2	257.610	{1	Y_3710	ppm	0.9358	0.0008	0.0881	0.9364	0.9352
Mo2020	202.030	{4	Y_2243	ppm	0.0105	0.0017	16.54	0.0093	0.0117
Na5895	589.592	{ 5	Y_3710	ppm	126.8	1.62	1.277	125.7	128
Na8183	818.326	{ 4	Y_3710	ppm	123.9	0.7563	0.6106	124.4	123.3
Ni2316	231.604	{4	In2306	ppm	0.0311	0.0013	4.052	0.0302	0.032
P_1782	178.284	{4	In2306	ppm	0.4935	0.0013	0.2625	0.4944	0.4926
Pb2203	220.353	{4	In2306	ppm	1.322	0.0227	1.72	1.338	1.306
S_1820	182.034	{4	Y_2243	ppm	-26770	376.1	1.405	-27040	-26510
Sb2068	206.833	{4	Y_2243	ppm	0.0171	0.0026	14.92	0.0153	0.0189
Se1960	196.090	{4	Y_2243	ppm	0.0042	0.0003	7.204	0.004	0.0044
Si2516	251.611	{1	Y_3710	ppm	31.66	0.9233	2.916	32.31	31.01
Sn1899	189.989	{4	In2306	ppm	0.0116	0.0016	13.74	0.0105	0.0127
Sr4215	421.552	{ 8	Y_3710	ppm	1.721	0.001	0.0596	1.722	1.721
Ti3349	334.904	{1	Y_3600	ppm	0.2616	0.001	0.3945	0.2623	0.2609
Tl1908	190.856	{4	In2306	ppm	0.0029	0.0024	80.27	0.0013	0.0046
V_2924	292.402	{1	Y_3600	ppm	0.0654	0.0005	0.7744	0.0657	0.065
Zn2062	206.200	{4	In2306	ppm	0.1654	0.0019	1.177	0.1668	0.164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	54	0.77638	1.4377	54.549	53.451
In2306	230.606	{4	Cts/S	8423.9	1.0431	0.01238	8424.7	8423.2
Y_2243	224.306	{4	Cts/S	12231	48.456	0.39616	12266	12197
Y_3600	360.073	{ 9	Cts/S	46015	68.427	0.14871	45966	46063
Y_3710	371.030	{ 9	Cts/S	7456.4	9.2863	0.12454	7449.8	7462.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	465.1	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	0.0369	0.0256	69.35	0.055	0.0188
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0011	1213	-0.0007	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.011	0.0041	37.36	0.0081	0.0139
Ba4554	455.403 { 7	Y_3710	ppm	0.0044	0	0.396	0.0044	0.0044
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	40.07	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0453	0.0016	3.527	0.0442	0.0464
Ca3181	318.128 {1	In2306	ppm	0.1556	0.0493	31.7	0.1207	0.1905
Cd2288	228.802 {4	Y_2243	ppm	0.0005	0.0007	151.3	0	0.001
Co2286	228.616 {4	In2306	ppm	0.0011	0.0008	77.59	0.0005	0.0016
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	47.05	0.0004	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0012	0.0001	6.098	-0.0011	-0.0012
Fe2404	240.488 {1	In2306	ppm	-0.0186	0.0139	74.75	-0.0088	-0.0284
K_7664	766.490 { 4	Y_3710	ppm	0.0675	0.0056	8.349	0.0635	0.0715
K_7698	769.896 { 4	Y_3710	ppm	-0.1874	0.0238	12.71	-0.1705	-0.2042
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	32.35	0.0005	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0828	0.0182	21.93	-0.0956	-0.0699
Mn2576	257.610 {1	Y_3600	ppm	0.0017	0.0002	12.43	0.0016	0.0019
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0019	112.7	0.003	0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0.0011	90.15	0.0004	0.0019
Na5895	589.592 { 5	Y_3710	ppm	0.1735	0.0036	2.102	0.1761	0.1709
Na8183	818.326 { 4	Y_3710	ppm	0.284	0.0421	14.81	0.3138	0.2543
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0017	99.53	0.0005	0.0028
P_1782	178.284 {4	In2306	ppm	0.0206	0.0214	104.2	0.0054	0.0357
Pb2203	220.353 {4	In2306	ppm	0.0542	0.0578	106.6	0.0134	0.0951
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-298.1	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0038	0.0025	64.86	0.0021	0.0056
Se1960	196.090 {4	Y_2243	ppm	0.0001	0.0009	851.4	0.0008	-0.0005
Si2516	251.611 {1	Y_3710	ppm	0.1321	0.0021	1.58	0.1306	0.1336
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0009	255.1	-0.0003	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	68.18	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	48.48	0.0008	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0022	106.2	0.0005	0.0037
V_2924	292.402 {1	Y_3600	ppm	-0.001	0.0006	63.15	-0.0005	-0.0014
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0069	63.65	0.006	0.0158

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.427	0.22181	0.41516	53.584	53.27
In2306	230.606 {4	Cts/S	9915.7	203.84	2.0557	10060	9771.6
Y_2243	224.306 {4	Cts/S	12596	90.014	0.71459	12660	12533
Y_3600	360.073 { 9	Cts/S	44328	116.58	0.26299	44410	44245
Y_3710	371.030 { 9	Cts/S	8041.7	25.347	0.31519	8059.7	8023.8

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Custom ID3=
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CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0007	406	0.0007	-0.0003
Al3082	308.215 {1	In2306	ppm	1.846	0.0336	1.819	1.822	1.87
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0004	53.61	-0.0005	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.1054	0.0109	10.35	0.0977	0.1131
Ba4554	455.403 { 7	Y_3710	ppm	0.065	0	0.0635	0.065	0.0649
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	126.6	0	0.0002
Ca3158	315.887 {1	In2306	ppm	222.5	1.599	0.7186	221.4	223.6
Ca3181	318.128 {1	In2306	ppm	227.7	1.813	0.7962	226.4	228.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	51.47	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0016	0.0001	6.936	0.0017	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0049	0.0002	3.101	0.0048	0.005
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.001	19.64	0.0056	0.0043
Fe2404	240.488 {1	In2306	ppm	0.2725	0.0165	6.058	0.2608	0.2842
K_7664	766.490 { 4	Y_3710	ppm	21.31	0.0894	0.4197	21.24	21.37
K_7698	769.896 { 4	Y_3710	ppm	22.27	0.1842	0.8269	22.14	22.4
Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0001	1.585	0.0082	0.0081
Mg2790	279.079 {1	Y_3710	ppm	79.26	0.4676	0.5899	78.93	79.59
Mn2576	257.610 {1	Y_3600	ppm	0.1421	0.001	0.7071	0.1428	0.1414
Mn2576-2	257.610 {1	Y_3710	ppm	0.1414	0.0004	0.2701	0.1416	0.1411
Mo2020	202.030 {4	Y_2243	ppm	0.0057	0.0001	1.559	0.0058	0.0056
Na5895	589.592 { 5	Y_3710	ppm	881.2	2.501	0.2839	882.9	879.4
Na8183	818.326 { 4	Y_3710	ppm	1362	2.66	0.1953	1360	1364
Ni2316	231.604 {4	In2306	ppm	0.0218	0.0001	0.5266	0.0219	0.0217
P_1782	178.284 {4	In2306	ppm	0.0887	0.0013	1.476	0.0878	0.0896
Pb2203	220.353 {4	In2306	ppm	0.0078	0.0014	18.03	0.0068	0.0088
S_1820	182.034 {4	Y_2243	ppm	-28130	184.2	0.6549	-28260	-28000
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0002	10.43	0.0021	0.0018
Se1960	196.090 {4	Y_2243	ppm	0.0004	0	8.45	0.0004	0.0004
Si2516	251.611 {1	Y_3710	ppm	8.409	0.0975	1.159	8.34	8.478
Sn1899	189.989 {4	In2306	ppm	0	0.0002	1030	-0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.4003	0.0006	0.1583	0.3998	0.4007
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0002	5.68	0.0026	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0002	6.325	0.0024	0.0026
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	37.98	0.0007	0.0004
Zn2062	206.200 {4	In2306	ppm	0.1251	0.001	0.822	0.1258	0.1244

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.287	0.55961	1.0911	51.682	50.891
In2306	230.606 {4	Cts/S	6897.9	5.9601	0.0864	6902.2	6893.7
Y_2243	224.306 {4	Cts/S	10298	7.4301	0.07215	10303	10293
Y_3600	360.073 { 9	Cts/S	48215	269.65	0.55926	48025	48406
Y_3710	371.030 { 9	Cts/S	7602.5	41.397	0.54452	7631.8	7573.2

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:35:30
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0006	113	0.0001	0.0009
Al3082	308.215 {1	In2306	ppm	0.28	0.1089	38.89	0.203	0.3569
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0007	39.39	0.0012	0.0022
B_2496	249.678 {1	Y_3710	ppm	0.0928	0.0037	3.943	0.0902	0.0954
Ba4554	455.403 { 7	Y_3710	ppm	0.0473	0.0004	0.8757	0.047	0.0476
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	177.4	0	-0.0003
Ca3158	315.887 {1	In2306	ppm	47.42	2.471	5.211	45.67	49.17
Ca3181	318.128 {1	In2306	ppm	48.07	2.433	5.061	46.35	49.79
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	23.63	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0002	38.17	0.0005	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0004	11.81	0.0031	0.0037
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0006	27.4	0.0019	0.0028
Fe2404	240.488 {1	In2306	ppm	3.185	0.1407	4.418	3.086	3.284
K_7664	766.490 { 4	Y_3710	ppm	340.1	19.85	5.837	354.2	326.1
K_7698	769.896 { 4	Y_3710	ppm	394.7	5.302	1.343	390.9	398.4
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0006	5.836	0.0095	0.0103
Mg2790	279.079 {1	Y_3710	ppm	5.135	0.0354	0.6899	5.16	5.11
Mn2576	257.610 {1	Y_3600	ppm	0.066	0.0016	2.443	0.0648	0.0671
Mn2576-2	257.610 {1	Y_3710	ppm	0.0652	0.0016	2.401	0.0641	0.0663
Mo2020	202.030 {4	Y_2243	ppm	0.0049	0.0003	6.476	0.0052	0.0047
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	1035	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1748	15.18	0.8682	1738	1759
Ni2316	231.604 {4	In2306	ppm	0.0067	0.0008	11.42	0.0061	0.0072
P_1782	178.284 {4	In2306	ppm	8.06	0.4457	5.53	8.375	7.745
Pb2203	220.353 {4	In2306	ppm	0.0024	0.0005	20.94	0.002	0.0027
S_1820	182.034 {4	Y_2243	ppm	-12000	769.7	6.413	-11460	-12550
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	10.82	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0009	46.44	-0.0013	-0.0026
Si2516	251.611 {1	Y_3710	ppm	4.248	0.0164	0.3852	4.259	4.236
Sn1899	189.989 {4	In2306	ppm	0.0003	0	0.3626	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2055	0.0005	0.2538	0.2051	0.2058
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0007	32.61	0.0017	0.0028
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0009	289	0.0003	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0035	0.0008	22.29	0.0041	0.003
Zn2062	206.200 {4	In2306	ppm	0.1286	0.0016	1.259	0.1298	0.1275

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.502	2.723	5.5008	51.428	47.577
In2306	230.606 {4	Cts/S	6882.3	4.1548	0.06037	6879.4	6885.3
Y_2243	224.306 {4	Cts/S	10268	5.3776	0.05237	10272	10264
Y_3600	360.073 { 9	Cts/S	48114	1043.9	2.1696	48852	47376
Y_3710	371.030 { 9	Cts/S	7557	2.3397	0.03096	7558.7	7555.4

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:38:14
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4962	0.0032	0.6445	0.4939	0.4985
Al3082	308.215 {1	In2306	ppm	11.07	0.4825	4.359	11.41	10.73
As1890	189.042 {4	Y_2243	ppm	0.9776	0.0081	0.8248	0.9833	0.9719
B_2496	249.678 {1	Y_3710	ppm	1.07	0.0117	1.092	1.062	1.079
Ba4554	455.403 { 7	Y_3710	ppm	1.052	0.0022	0.2098	1.053	1.05
Be3130	313.042 {1	Y_3710	ppm	0.4895	0.0009	0.1875	0.4889	0.4902
Ca3158	315.887 {1	In2306	ppm	28.49	1.155	4.055	29.3	27.67
Ca3181	318.128 {1	In2306	ppm	28.65	1.225	4.275	29.52	27.79
Cd2288	228.802 {4	Y_2243	ppm	0.4871	0.001	0.2114	0.4879	0.4864
Co2286	228.616 {4	In2306	ppm	0.9842	0.0057	0.5745	0.9882	0.9802
Cr2677	267.716 {1	Y_3600	ppm	0.9817	0.0037	0.3819	0.9843	0.979
Cu3247	324.754 {1	Y_3600	ppm	1.009	0.0048	0.4712	1.012	1.005
Fe2404	240.488 {1	In2306	ppm	9.938	0.4221	4.247	10.24	9.64
K_7664	766.490 { 4	Y_3710	ppm	17.7	0.0613	0.3464	17.65	17.74
K_7698	769.896 { 4	Y_3710	ppm	18.05	0.0966	0.5353	17.98	18.12
Li6707	670.784 { 5	Y_3710	ppm	1.19	0.0036	0.299	1.187	1.193
Mg2790	279.079 {1	Y_3710	ppm	11.91	0.0104	0.0877	11.9	11.92
Mn2576	257.610 {1	Y_3600	ppm	0.9861	0.0001	0.0104	0.9862	0.986
Mn2576-2	257.610 {1	Y_3710	ppm	0.9289	0.0011	0.1223	0.9297	0.9281
Mo2020	202.030 {4	Y_2243	ppm	0.9426	0.0042	0.4413	0.9456	0.9397
Na5895	589.592 { 5	Y_3710	ppm	81.25	1.015	1.25	80.53	81.97
Na8183	818.326 { 4	Y_3710	ppm	82.14	0.3086	0.3757	81.92	82.36
Ni2316	231.604 {4	In2306	ppm	0.9635	0.0067	0.6969	0.9682	0.9587
P_1782	178.284 {4	In2306	ppm	1.17	0.0112	0.9538	1.162	1.178
Pb2203	220.353 {4	In2306	ppm	0.9608	0.0073	0.7614	0.9659	0.9556
S_1820	182.034 {4	Y_2243	ppm	-342	27.97	8.178	-322.2	-361.8
Sb2068	206.833 {4	Y_2243	ppm	0.9611	0.0008	0.0844	0.9617	0.9605
Se1960	196.090 {4	Y_2243	ppm	0.9668	0.0036	0.3701	0.9694	0.9643
Si2516	251.611 {1	Y_3710	ppm	2.437	0.0546	2.24	2.398	2.476
Sn1899	189.989 {4	In2306	ppm	0.9933	0.0052	0.5225	0.997	0.9896
Sr4215	421.552 { 8	Y_3710	ppm	0.5863	0.001	0.1714	0.587	0.5855
Ti3349	334.904 {1	Y_3600	ppm	1.003	0.0023	0.2329	1.001	1.004
Tl1908	190.856 {4	In2306	ppm	0.9989	0.0009	0.0904	0.9995	0.9982
V_2924	292.402 {1	Y_3600	ppm	0.9983	0.0104	1.045	1.006	0.9909
Zn2062	206.200 {4	In2306	ppm	0.9871	0.0061	0.622	0.9915	0.9828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.247	2.4349	4.5729	51.525	54.969
In2306	230.606 {4	Cts/S	8857.4	24.351	0.27492	8874.6	8840.2
Y_2243	224.306 {4	Cts/S	12104	49.609	0.40986	12139	12069
Y_3600	360.073 { 9	Cts/S	47312	193.25	0.40846	47449	47175
Y_3710	371.030 { 9	Cts/S	7853.7	2.8502	0.03629	7855.7	7851.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:40:43

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2431	0.0002	0.0687	0.243	0.2432
Al3082	308.215 {1	In2306	ppm	2.663	0.0009	0.0352	2.662	2.663
As1890	189.042 {4	Y_2243	ppm	0.4764	0.0014	0.3038	0.4754	0.4775
B_2496	249.678 {1	Y_3710	ppm	0.4897	0.0013	0.2633	0.4887	0.4906
Ba4554	455.403 { 7	Y_3710	ppm	0.4907	0.0018	0.3676	0.4919	0.4894
Be3130	313.042 {1	Y_3710	ppm	0.4913	0.0017	0.3497	0.4901	0.4925
Ca3158	315.887 {1	In2306	ppm	12.67	0.0443	0.3493	12.7	12.64
Ca3181	318.128 {1	In2306	ppm	12.78	0.2061	1.612	12.64	12.93
Cd2288	228.802 {4	Y_2243	ppm	0.482	0.001	0.2129	0.4827	0.4813
Co2286	228.616 {4	In2306	ppm	0.4914	0.0033	0.6759	0.4891	0.4938
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0044	0.8862	0.496	0.4898
Cu3247	324.754 {1	Y_3600	ppm	0.4885	0.0034	0.6995	0.4909	0.4861
Fe2404	240.488 {1	In2306	ppm	2.433	0.0378	1.553	2.46	2.407
K_7664	766.490 { 4	Y_3710	ppm	14.38	0.077	0.5355	14.44	14.33
K_7698	769.896 { 4	Y_3710	ppm	14.58	0.1356	0.9303	14.67	14.48
Li6707	670.784 { 5	Y_3710	ppm	0.5659	0.0077	1.355	0.5714	0.5605
Mg2790	279.079 {1	Y_3710	ppm	4.659	0.025	0.5367	4.676	4.641
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0004	0.0788	0.482	0.4815
Mn2576-2	257.610 {1	Y_3710	ppm	0.4453	0.0043	0.9659	0.4423	0.4483
Mo2020	202.030 {4	Y_2243	ppm	0.4831	0.0029	0.6	0.4811	0.4852
Na5895	589.592 { 5	Y_3710	ppm	14.14	0.1365	0.9653	14.24	14.05
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.1567	1.184	13.34	13.12
Ni2316	231.604 {4	In2306	ppm	0.4758	0.0025	0.5351	0.474	0.4776
P_1782	178.284 {4	In2306	ppm	0.006	0.0087	145.9	-0.0002	0.0121
Pb2203	220.353 {4	In2306	ppm	0.4787	0.0021	0.4349	0.4772	0.4802
S_1820	182.034 {4	Y_2243	ppm	-48.76	3.384	6.94	-46.37	-51.16
Sb2068	206.833 {4	Y_2243	ppm	0.4799	0.0038	0.7899	0.4772	0.4825
Se1960	196.090 {4	Y_2243	ppm	0.4801	0.0002	0.0313	0.48	0.4802
Si2516	251.611 {1	Y_3710	ppm	0.7884	0.0473	5.998	0.7549	0.8218
Sn1899	189.989 {4	In2306	ppm	0.5029	0.0043	0.8503	0.4999	0.5059
Sr4215	421.552 { 8	Y_3710	ppm	0.2462	0.0005	0.185	0.2466	0.2459
Ti3349	334.904 {1	Y_3600	ppm	0.5061	0.0005	0.098	0.5058	0.5065
Tl1908	190.856 {4	In2306	ppm	0.4851	0.0091	1.867	0.4915	0.4787
V_2924	292.402 {1	Y_3600	ppm	0.5054	0.001	0.2008	0.5047	0.5061
Zn2062	206.200 {4	In2306	ppm	0.4827	0.0019	0.4019	0.4813	0.484

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.266	0.64498	1.1886	53.81	54.722
In2306	230.606 {4	Cts/S	9515.3	22.56	0.23709	9531.2	9499.3
Y_2243	224.306 {4	Cts/S	12513	18.632	0.14889	12526	12500
Y_3600	360.073 { 9	Cts/S	46578	221	0.47448	46421	46734
Y_3710	371.030 { 9	Cts/S	8033.5	8.3388	0.1038	8027.6	8039.4

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 12:43:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0008	16.97	0.0043	0.0055
Al3082	308.215 {1	In2306	ppm	0.0618	0.0396	64.19	0.0337	0.0898
As1890	189.042 {4	Y_2243	ppm	0.011	0.0025	22.41	0.0093	0.0128
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.0011	44.46	0.0017	0.0032
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0	0.3557	0.0098	0.0097
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	2.511	0.0048	0.0047
Ca3158	315.887 {1	In2306	ppm	0.076	0.0032	4.218	0.0782	0.0737
Ca3181	318.128 {1	In2306	ppm	0.1382	0.091	65.87	0.2025	0.0738
Cd2288	228.802 {4	Y_2243	ppm	0.0073	0.0031	42.01	0.0051	0.0095
Co2286	228.616 {4	In2306	ppm	0.0126	0.0033	25.94	0.0103	0.0149
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0004	4.684	0.0099	0.0093
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0001	1.38	0.0076	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0699	0.0198	28.27	0.0838	0.0559
K_7664	766.490 { 4	Y_3710	ppm	0.8329	0.0011	0.134	0.8337	0.8321
K_7698	769.896 { 4	Y_3710	ppm	0.5883	0.0213	3.613	0.5733	0.6033
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0.0004	3.657	0.0106	0.0112
Mg2790	279.079 {1	Y_3710	ppm	0.0656	0.0106	16.19	0.0581	0.0731
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0	0.1948	0.0102	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0083	0.0008	9.042	0.0078	0.0089
Mo2020	202.030 {4	Y_2243	ppm	0.0141	0.0041	28.82	0.0113	0.017
Na5895	589.592 { 5	Y_3710	ppm	0.8479	0.0197	2.325	0.834	0.8618
Na8183	818.326 { 4	Y_3710	ppm	0.8934	0.0121	1.35	0.8849	0.9019
Ni2316	231.604 {4	In2306	ppm	0.0119	0.0032	27.13	0.0097	0.0142
P_1782	178.284 {4	In2306	ppm	0.0088	0.0007	8.189	0.0083	0.0093
Pb2203	220.353 {4	In2306	ppm	0.0126	0.0027	21.42	0.0107	0.0145
S_1820	182.034 {4	Y_2243	ppm	-3.486	0.3523	10.11	-3.236	-3.735
Sb2068	206.833 {4	Y_2243	ppm	0.0194	0.0026	13.66	0.0175	0.0212
Se1960	196.090 {4	Y_2243	ppm	0.0102	0.0041	40.68	0.0072	0.0131
Si2516	251.611 {1	Y_3710	ppm	-0.0048	0.0075	156.1	-0.0101	0.0005
Sn1899	189.989 {4	In2306	ppm	0.0128	0.0036	28.09	0.0102	0.0153
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.6001	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0107	0.0005	4.474	0.0103	0.011
Tl1908	190.856 {4	In2306	ppm	0.0173	0.007	40.32	0.0124	0.0223
V_2924	292.402 {1	Y_3600	ppm	0.0105	0.0002	2.04	0.0104	0.0107
Zn2062	206.200 {4	In2306	ppm	0.0107	0.0031	28.81	0.0086	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.148	0.20034	0.35056	57.006	57.289
In2306	230.606 {4	Cts/S	10093	4.6227	0.0458	10097	10090
Y_2243	224.306 {4	Cts/S	12796	39.112	0.30566	12768	12824
Y_3600	360.073 { 9	Cts/S	45384	97.178	0.21413	45452	45315
Y_3710	371.030 { 9	Cts/S	8250.6	29.6	0.35876	8271.5	8229.6

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=

Custom ID3=
Run Time=1/25/2012 12:45:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.001	281.1	-0.0004	0.0011
Al3082	308.215	{1	In2306	ppm	-0.0387	0.01	25.76	-0.0457	-0.0316
As1890	189.042	{4	Y_2243	ppm	0.0003	0.0003	101.7	0.0006	0.0001
B_2496	249.678	{1	Y_3710	ppm	-0.0019	0.0084	454	0.0041	-0.0078
Ba4554	455.403	{ 7	Y_3710	ppm	0.0001	0.0001	145.4	0	0.0001
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	46.19	0.0001	0
Ca3158	315.887	{1	In2306	ppm	0.0013	0.0107	846.9	-0.0063	0.0088
Ca3181	318.128	{1	In2306	ppm	0.0689	0.1368	198.5	-0.0278	0.1656
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0003	140.8	0	0.0004
Co2286	228.616	{4	In2306	ppm	0.0003	0.0005	151.2	0	0.0007
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0	3.023	-0.0002	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0021	0.0005	24.59	-0.0017	-0.0024
Fe2404	240.488	{1	In2306	ppm	-0.0308	0.011	35.73	-0.0386	-0.0231
K_7664	766.490	{ 4	Y_3710	ppm	0.1603	0.0042	2.592	0.1632	0.1573
K_7698	769.896	{ 4	Y_3710	ppm	0.1201	0.032	26.68	0.1428	0.0975
Li6707	670.784	{ 5	Y_3710	ppm	0.0005	0.0005	92.36	0.0002	0.0008
Mg2790	279.079	{1	Y_3710	ppm	0.0304	0.0487	160.2	-0.004	0.0648
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0.0001	103.2	0.0001	0
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0002	0.0001	56.83	-0.0001	-0.0003
Mo2020	202.030	{4	Y_2243	ppm	0.0008	0.0005	58.26	0.0005	0.0012
Na5895	589.592	{ 5	Y_3710	ppm	0.1632	0.0011	0.6867	0.1624	0.164
Na8183	818.326	{ 4	Y_3710	ppm	0.3174	0.075	23.62	0.3704	0.2644
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0004	329.8	-0.0002	0.0004
P_1782	178.284	{4	In2306	ppm	0.0004	0.0002	56.18	0.0006	0.0002
Pb2203	220.353	{4	In2306	ppm	0.0008	0.0001	13.04	0.0008	0.0009
S_1820	182.034	{4	Y_2243	ppm	-4.083	0.0458	1.121	-4.051	-4.115
Sb2068	206.833	{4	Y_2243	ppm	0.0053	0.0001	2.673	0.0054	0.0052
Se1960	196.090	{4	Y_2243	ppm	-0.0006	0.0003	45.76	-0.0004	-0.0008
Si2516	251.611	{1	Y_3710	ppm	-0.0036	0.0047	131.6	-0.0002	-0.007
Sn1899	189.989	{4	In2306	ppm	0.0005	0.0007	143.6	0	0.001
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0	21.25	-0.0001	-0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0001	17.59	0.0005	0.0006
Tl1908	190.856	{4	In2306	ppm	0.0012	0.001	82.11	0.0005	0.0019
V_2924	292.402	{1	Y_3600	ppm	-0.0005	0.0001	17.06	-0.0006	-0.0004
Zn2062	206.200	{4	In2306	ppm	0.0003	0.0003	110.4	0.0001	0.0005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.55	0.83489	1.5591	54.141	52.96
In2306	230.606	{4	Cts/S	10071	31.651	0.31427	10049	10094
Y_2243	224.306	{4	Cts/S	12764	44.37	0.34763	12732	12795
Y_3600	360.073	{ 9	Cts/S	44564	226.87	0.50908	44404	44725
Y_3710	371.030	{ 9	Cts/S	7960.4	104.24	1.3095	7886.7	8034.1

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Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:48:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	14.81	0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0335	0.0104	31.2	0.0261	0.0409
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0006	277.5	0.0002	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0078	0.013	166.7	-0.0014	0.017
Ba4554	455.403 { 7	Y_3710	ppm	0.0119	0	0.3811	0.012	0.0119
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.05	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	3.65	0.1197	3.279	3.565	3.734
Ca3181	318.128 {1	In2306	ppm	3.798	0.1298	3.418	3.706	3.89
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	39.62	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	685.6	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	57.06	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0003	15.89	-0.002	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.0114	0.0076	66.47	0.0168	0.0061
K_7664	766.490 { 4	Y_3710	ppm	1.131	0.0344	3.043	1.107	1.156
K_7698	769.896 { 4	Y_3710	ppm	0.8751	0.0142	1.625	0.865	0.8851
Li6707	670.784 { 5	Y_3710	ppm	0.001	0.0002	23.8	0.0012	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.5103	0.0151	2.95	0.521	0.4997
Mn2576	257.610 {1	Y_3600	ppm	0.0038	0	0.2702	0.0038	0.0038
Mn2576-2	257.610 {1	Y_3710	ppm	0.0044	0.0008	19.02	0.0049	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	35.24	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	14.11	0.5098	3.614	13.75	14.47
Na8183	818.326 { 4	Y_3710	ppm	13.7	0.1883	1.374	13.57	13.84
Ni2316	231.604 {4	In2306	ppm	0.0001	0	11.08	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	0.0236	0.0009	3.654	0.0242	0.023
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0005	516.2	-0.0003	0.0005
S_1820	182.034 {4	Y_2243	ppm	-62.74	0.3723	0.5935	-63	-62.48
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0014	114.5	0.0022	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0012	244.1	-0.0003	0.0013
Si2516	251.611 {1	Y_3710	ppm	0.2557	0.0003	0.1184	0.2559	0.2555
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	0.9977	-0.0004	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0196	0	0.133	0.0195	0.0196
Ti3349	334.904 {1	Y_3600	ppm	0	0	139.5	0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.001	0.0007	69.06	0.0016	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0006	36.01	0.002	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0032	0.0001	3.526	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.224	2.5498	4.4558	59.027	55.421
In2306	230.606 {4	Cts/S	9839.9	30.905	0.31407	9861.8	9818.1
Y_2243	224.306 {4	Cts/S	12698	51.222	0.40338	12734	12662
Y_3600	360.073 { 9	Cts/S	46772	80.867	0.1729	46829	46714
Y_3710	371.030 { 9	Cts/S	8348.8	36.023	0.43148	8374.2	8323.3

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Username=admin
Comment=

Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:51:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0005	0.2193	0.2441	0.2433
Al3082	308.215 {1	In2306	ppm	2.675	0.0297	1.109	2.654	2.696
As1890	189.042 {4	Y_2243	ppm	0.467	0.0024	0.5155	0.4687	0.4653
B_2496	249.678 {1	Y_3710	ppm	0.4768	0.0109	2.283	0.4845	0.4691
Ba4554	455.403 { 7	Y_3710	ppm	0.484	0.0013	0.2613	0.4831	0.4849
Be3130	313.042 {1	Y_3710	ppm	0.4891	0.0013	0.2717	0.4882	0.49
Ca3158	315.887 {1	In2306	ppm	13.02	0.1047	0.8039	13.1	12.95
Ca3181	318.128 {1	In2306	ppm	13.19	0.098	0.7434	13.26	13.12
Cd2288	228.802 {4	Y_2243	ppm	0.4772	0.0005	0.1117	0.4768	0.4776
Co2286	228.616 {4	In2306	ppm	0.4889	0.0006	0.1173	0.4885	0.4893
Cr2677	267.716 {1	Y_3600	ppm	0.5	0.0022	0.4376	0.4985	0.5016
Cu3247	324.754 {1	Y_3600	ppm	0.4877	0.0026	0.5289	0.4896	0.4859
Fe2404	240.488 {1	In2306	ppm	2.473	0.0356	1.44	2.498	2.448
K_7664	766.490 { 4	Y_3710	ppm	13.44	0.1355	1.008	13.53	13.34
K_7698	769.896 { 4	Y_3710	ppm	13.57	0.0864	0.6362	13.63	13.51
Li6707	670.784 { 5	Y_3710	ppm	0.526	0.0024	0.4488	0.5277	0.5244
Mg2790	279.079 {1	Y_3710	ppm	4.761	0.0238	0.5008	4.778	4.744
Mn2576	257.610 {1	Y_3600	ppm	0.4868	0.0008	0.1601	0.4874	0.4863
Mn2576-2	257.610 {1	Y_3710	ppm	0.446	0.0017	0.3825	0.4448	0.4472
Mo2020	202.030 {4	Y_2243	ppm	0.4703	0.0015	0.3152	0.4714	0.4693
Na5895	589.592 { 5	Y_3710	ppm	13.21	0.0727	0.5505	13.26	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.69	0.0014	0.0111	12.7	12.69
Ni2316	231.604 {4	In2306	ppm	0.4703	0.0004	0.0883	0.47	0.4706
P_1782	178.284 {4	In2306	ppm	-0.0007	0	1.925	-0.0007	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.4748	0.0003	0.0603	0.4746	0.475
S_1820	182.034 {4	Y_2243	ppm	-42.32	0.113	0.2671	-42.4	-42.24
Sb2068	206.833 {4	Y_2243	ppm	0.4629	0.0037	0.7976	0.4655	0.4603
Se1960	196.090 {4	Y_2243	ppm	0.4697	0	0.0021	0.4697	0.4697
Si2516	251.611 {1	Y_3710	ppm	0.7788	0.051	6.545	0.7428	0.8149
Sn1899	189.989 {4	In2306	ppm	0.5027	0.0004	0.0827	0.5024	0.503
Sr4215	421.552 { 8	Y_3710	ppm	0.2415	0.0007	0.2846	0.241	0.242
Ti3349	334.904 {1	Y_3600	ppm	0.5142	0.004	0.7866	0.517	0.5113
Tl1908	190.856 {4	In2306	ppm	0.498	0.0036	0.7245	0.5006	0.4955
V_2924	292.402 {1	Y_3600	ppm	0.5137	0.0023	0.4552	0.5153	0.512
Zn2062	206.200 {4	In2306	ppm	0.481	0.0022	0.4554	0.4795	0.4826

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.172	0.44202	0.81596	53.859	54.484
In2306	230.606 {4	Cts/S	9559.8	3.4171	0.03574	9562.2	9557.4
Y_2243	224.306 {4	Cts/S	12705	21.671	0.17057	12690	12720
Y_3600	360.073 { 9	Cts/S	46336	243.13	0.52471	46164	46508
Y_3710	371.030 { 9	Cts/S	8172.9	5.7292	0.0701	8168.9	8177

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Username=admin

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:53:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0004	9.134	0.0044	0.005
Al3082	308.215 {1	In2306	ppm	0.0745	0.0075	10.04	0.0797	0.0692
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0001	1.089	0.0105	0.0107
B_2496	249.678 {1	Y_3710	ppm	0.0102	0.0048	46.75	0.0068	0.0136
Ba4554	455.403 { 7	Y_3710	ppm	0.0102	0.0001	0.8861	0.0103	0.0102
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.367	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0735	0.0074	10.1	0.0788	0.0683
Ca3181	318.128 {1	In2306	ppm	0.0874	0.0298	34.05	0.0664	0.1085
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0019	30.67	0.0048	0.0074
Co2286	228.616 {4	In2306	ppm	0.0114	0.0021	18.45	0.0099	0.0129
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0	0.3947	0.0098	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0078	0.0003	3.785	0.008	0.0076
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0081	8.654	0.0877	0.0992
K_7664	766.490 { 4	Y_3710	ppm	0.7334	0.0222	3.032	0.7491	0.7177
K_7698	769.896 { 4	Y_3710	ppm	0.4517	0.0057	1.26	0.4557	0.4477
Li6707	670.784 { 5	Y_3710	ppm	0.0104	0.0002	2.403	0.0106	0.0102
Mg2790	279.079 {1	Y_3710	ppm	0.0058	0.0688	1190	0.0545	-0.0429
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2296	0.01	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0007	7.388	0.0096	0.0086
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0028	22.91	0.0102	0.0142
Na5895	589.592 { 5	Y_3710	ppm	0.7792	0.0261	3.356	0.7977	0.7607
Na8183	818.326 { 4	Y_3710	ppm	0.8809	0.0036	0.4087	0.8783	0.8834
Ni2316	231.604 {4	In2306	ppm	0.011	0.002	18.55	0.0095	0.0124
P_1782	178.284 {4	In2306	ppm	0.0093	0.0012	12.35	0.0085	0.0101
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0024	21.09	0.0098	0.0132
S_1820	182.034 {4	Y_2243	ppm	-1.029	0.0484	4.708	-0.9944	-1.063
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0018	9.976	0.0169	0.0194
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0009	9.1	0.009	0.0103
Si2516	251.611 {1	Y_3710	ppm	-0.0263	0.0149	56.85	-0.0157	-0.0369
Sn1899	189.989 {4	In2306	ppm	0.0117	0.0025	21.73	0.0099	0.0135
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.955	0.0047	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0005	5.146	0.0101	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0165	0.0057	34.88	0.0124	0.0205
V_2924	292.402 {1	Y_3600	ppm	0.0104	0.001	10.02	0.0112	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0018	18.58	0.0084	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.631	0.35296	0.63446	55.88	55.381
In2306	230.606 {4	Cts/S	10113	6.134	0.06065	10118	10109
Y_2243	224.306 {4	Cts/S	12863	15.418	0.11987	12873	12852
Y_3600	360.073 { 9	Cts/S	45260	159.72	0.35288	45147	45373
Y_3710	371.030 { 9	Cts/S	8256	56.34	0.68242	8216.1	8295.8

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0009	120.9	0.0014	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0206	0.0006	2.93	-0.0201	-0.021
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0001	119.8	-0.0002	0
B_2496	249.678 {1	Y_3710	ppm	-0.0042	0.0085	203.8	-0.0101	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	23.55	-0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	49.09	-0.0003	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0232	0.0005	1.951	-0.0229	-0.0235
Ca3181	318.128 {1	In2306	ppm	0.0316	0.0095	29.95	0.0382	0.0249
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0002	151.3	0	0.0003
Co2286	228.616 {4	In2306	ppm	0.0006	0.0004	68.13	0.0003	0.0008
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0005	112.2	-0.0001	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0003	21.32	-0.0014	-0.0011
Fe2404	240.488 {1	In2306	ppm	-0.0393	0.0048	12.29	-0.0359	-0.0428
K_7664	766.490 { 4	Y_3710	ppm	0.0827	0.0016	1.986	0.0838	0.0815
K_7698	769.896 { 4	Y_3710	ppm	0.044	0.0045	10.34	0.0408	0.0472
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	65.94	0.0002	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0177	0.0217	122.7	-0.0023	-0.0331
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	95.55	0.0002	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0013	649.3	0.0007	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0002	36.57	0.0005	0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.1134	0.0004	0.3172	0.1136	0.1131
Na8183	818.326 { 4	Y_3710	ppm	0.2031	0.0612	30.12	0.1598	0.2463
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0005	177.4	-0.0001	0.0006
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0004	220.5	-0.0005	0.0001
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0015	302.7	-0.0006	0.0016
S_1820	182.034 {4	Y_2243	ppm	-1.616	0.0228	1.41	-1.632	-1.6
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0005	10.5	0.0043	0.005
Se1960	196.090 {4	Y_2243	ppm	-0.0004	0.0007	181.1	0.0001	-0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0087	0.0083	95.57	-0.0145	-0.0028
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0008	171.6	-0.0001	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0	0	5.811	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0003	68.25	-0.0007	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.002	0.0019	96.3	0.0006	0.0033
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0002	32.99	-0.0004	-0.0007
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0003	216.4	-0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.7	0.48462	0.90245	54.042	53.357
In2306	230.606 {4	Cts/S	10083	1.511	0.01499	10082	10084
Y_2243	224.306 {4	Cts/S	12847	2.511	0.01954	12846	12849
Y_3600	360.073 { 9	Cts/S	44629	91.329	0.20464	44693	44564
Y_3710	371.030 { 9	Cts/S	8063.6	24.952	0.30944	8046	8081.3

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 15:54:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0002	61.28	-0.0005	-0.0002
Al3082	308.215 {1	In2306	ppm	567	7.791	1.374	572.5	561.5
As1890	189.042 {4	Y_2243	ppm	0.002	0.0032	157	0.0043	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0066	0.017	257.8	-0.0186	0.0054
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0002	42.56	0.0007	0.0004
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	4.157	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	538.7	1.807	0.3354	540	537.5
Ca3181	318.128 {1	In2306	ppm	546.9	0.4474	0.0818	547.2	546.6
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	185.5	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	26.72	0.0005	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0003	21.17	0.0014	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0003	19.16	0.002	0.0015
Fe2404	240.488 {1	In2306	ppm	204	1.438	0.7049	205.1	203
K_7664	766.490 { 4	Y_3710	ppm	-0.0002	0.0157	7573	0.0109	-0.0113
K_7698	769.896 { 4	Y_3710	ppm	-0.3156	0.0043	1.37	-0.3125	-0.3186
Li6707	670.784 { 5	Y_3710	ppm	0.0081	0.0004	4.543	0.0083	0.0078
Mg2790	279.079 {1	Y_3710	ppm	576.9	0.8761	0.1519	576.3	577.5
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0	0.1789	-0.0053	-0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0055	0.0007	12.11	-0.006	-0.0051
Mo2020	202.030 {4	Y_2243	ppm	-0.0011	0.0001	12.91	-0.0012	-0.001
Na5895	589.592 { 5	Y_3710	ppm	0.0807	0.0013	1.558	0.0816	0.0798
Na8183	818.326 { 4	Y_3710	ppm	0.9824	0.0662	6.735	1.029	0.9357
Ni2316	231.604 {4	In2306	ppm	0.0063	0.0002	3.418	0.0065	0.0062
P_1782	178.284 {4	In2306	ppm	0.0051	0	0.6594	0.0051	0.0052
Pb2203	220.353 {4	In2306	ppm	-0.0217	0.0008	3.704	-0.0223	-0.0211
S_1820	182.034 {4	Y_2243	ppm	7.026	0.1051	1.496	6.951	7.1
Sb2068	206.833 {4	Y_2243	ppm	-0.0033	0.0057	169.9	-0.0073	0.0007
Se1960	196.090 {4	Y_2243	ppm	-0.0029	0.0005	15.78	-0.0033	-0.0026
Si2516	251.611 {1	Y_3710	ppm	0.0204	0.0468	230.2	0.0535	-0.0128
Sn1899	189.989 {4	In2306	ppm	0.0021	0.0001	4.729	0.0022	0.0021
Sr4215	421.552 { 8	Y_3710	ppm	0.0023	0.0002	6.476	0.0024	0.0022
Ti3349	334.904 {1	Y_3600	ppm	0.003	0	0.0015	0.003	0.003
Tl1908	190.856 {4	In2306	ppm	-0.0014	0.0031	219.9	-0.0036	0.0008
V_2924	292.402 {1	Y_3600	ppm	-0.0053	0.0004	7.633	-0.0055	-0.005
Zn2062	206.200 {4	In2306	ppm	0.0029	0.0001	3.854	0.0028	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.767	0.49864	0.98222	50.414	51.119
In2306	230.606 {4	Cts/S	7123.8	4.7625	0.06685	7120.4	7127.1
Y_2243	224.306 {4	Cts/S	10907	10.256	0.09403	10900	10915
Y_3600	360.073 { 9	Cts/S	45267	83.894	0.18533	45207	45326
Y_3710	371.030 { 9	Cts/S	6982.9	32.536	0.46594	6959.9	7005.9

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5532	0.0034	0.621	0.5508	0.5557
Al3082	308.215	{1	In2306	ppm	598.2	6.576	1.099	593.6	602.9
As1890	189.042	{4	Y_2243	ppm	0.9833	0.0043	0.4402	0.9802	0.9863
B_2496	249.678	{1	Y_3710	ppm	1.118	0.0098	0.8786	1.112	1.125
Ba4554	455.403	{ 7	Y_3710	ppm	1.107	0.0023	0.2093	1.109	1.106
Be3130	313.042	{1	Y_3710	ppm	0.5347	0.0027	0.4973	0.5365	0.5328
Ca3158	315.887	{1	In2306	ppm	555.2	7.134	1.285	550.2	560.2
Ca3181	318.128	{1	In2306	ppm	565.8	7.219	1.276	560.7	570.9
Cd2288	228.802	{4	Y_2243	ppm	0.5074	0.0016	0.3237	0.5063	0.5086
Co2286	228.616	{4	In2306	ppm	0.9902	0.0027	0.2713	0.9883	0.9921
Cr2677	267.716	{1	Y_3600	ppm	0.977	0.0033	0.336	0.9793	0.9747
Cu3247	324.754	{1	Y_3600	ppm	1.202	0.0023	0.1952	1.2	1.204
Fe2404	240.488	{1	In2306	ppm	216.4	2.512	1.161	214.7	218.2
K_7664	766.490	{ 4	Y_3710	ppm	11.97	0.0261	0.2178	11.96	11.99
K_7698	769.896	{ 4	Y_3710	ppm	12.15	0.0177	0.1454	12.13	12.16
Li6707	670.784	{ 5	Y_3710	ppm	1.178	0.0025	0.2143	1.176	1.18
Mg2790	279.079	{1	Y_3710	ppm	590.3	2.4	0.4066	592	588.6
Mn2576	257.610	{1	Y_3600	ppm	0.9655	0.0042	0.4326	0.9626	0.9685
Mn2576-2	257.610	{1	Y_3710	ppm	1.013	0.0006	0.0621	1.013	1.014
Mo2020	202.030	{4	Y_2243	ppm	0.8791	0.0008	0.0886	0.8786	0.8797
Na5895	589.592	{ 5	Y_3710	ppm	11.65	0.0265	0.2273	11.63	11.66
Na8183	818.326	{ 4	Y_3710	ppm	12.64	0.092	0.7275	12.58	12.71
Ni2316	231.604	{4	In2306	ppm	0.9601	0.0024	0.2512	0.9584	0.9618
P_1782	178.284	{4	In2306	ppm	1.138	0.0035	0.3085	1.136	1.141
Pb2203	220.353	{4	In2306	ppm	0.9176	0.0079	0.8625	0.912	0.9232
S_1820	182.034	{4	Y_2243	ppm	7.348	0.2606	3.546	7.164	7.533
Sb2068	206.833	{4	Y_2243	ppm	0.9465	0.0018	0.1923	0.9452	0.9478
Se1960	196.090	{4	Y_2243	ppm	0.9697	0.0091	0.9434	0.9633	0.9762
Si2516	251.611	{1	Y_3710	ppm	0.9618	0.0016	0.1677	0.9607	0.963
Sn1899	189.989	{4	In2306	ppm	0.9931	0.001	0.0977	0.9924	0.9938
Sr4215	421.552	{ 8	Y_3710	ppm	0.542	0.0007	0.1292	0.5425	0.5415
Ti3349	334.904	{1	Y_3600	ppm	1.03	0.0055	0.5309	1.033	1.026
Tl1908	190.856	{4	In2306	ppm	0.9104	0.0073	0.7998	0.9155	0.9052
V_2924	292.402	{1	Y_3600	ppm	1.013	0.0045	0.4408	1.016	1.009
Zn2062	206.200	{4	In2306	ppm	0.9971	0.0022	0.2196	0.9986	0.9955

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.347	0.70089	1.4203	49.843	48.852
In2306	230.606	{4	Cts/S	7067.2	39.699	0.56174	7095.3	7039.1
Y_2243	224.306	{4	Cts/S	10912	73.526	0.6738	10964	10860
Y_3600	360.073	{ 9	Cts/S	45357	79.614	0.17553	45414	45301
Y_3710	371.030	{ 9	Cts/S	6894.3	13.452	0.19512	6884.8	6903.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2385	0.0041	1.72	0.2414	0.2356
Al3082	308.215 {1	In2306	ppm	2.633	0.0132	0.5023	2.624	2.642
As1890	189.042 {4	Y_2243	ppm	0.4807	0.0014	0.289	0.4817	0.4797
B_2496	249.678 {1	Y_3710	ppm	0.4693	0.0029	0.6136	0.4672	0.4713
Ba4554	455.403 { 7	Y_3710	ppm	0.4906	0.0012	0.242	0.4914	0.4897
Be3130	313.042 {1	Y_3710	ppm	0.4926	0.0023	0.4626	0.4942	0.4909
Ca3158	315.887 {1	In2306	ppm	12.74	0.0016	0.0124	12.74	12.74
Ca3181	318.128 {1	In2306	ppm	12.95	0.0472	0.3643	12.91	12.98
Cd2288	228.802 {4	Y_2243	ppm	0.4824	0.0013	0.2632	0.4833	0.4815
Co2286	228.616 {4	In2306	ppm	0.49	0.0012	0.2411	0.4909	0.4892
Cr2677	267.716 {1	Y_3600	ppm	0.4841	0.0106	2.184	0.4916	0.4767
Cu3247	324.754 {1	Y_3600	ppm	0.4798	0.009	1.881	0.4862	0.4734
Fe2404	240.488 {1	In2306	ppm	2.471	0.0402	1.626	2.5	2.443
K_7664	766.490 { 4	Y_3710	ppm	13.47	0.0021	0.0159	13.47	13.46
K_7698	769.896 { 4	Y_3710	ppm	13.58	0.0701	0.5164	13.63	13.53
Li6707	670.784 { 5	Y_3710	ppm	0.5375	0.0021	0.3863	0.539	0.536
Mg2790	279.079 {1	Y_3710	ppm	4.827	0.0432	0.8957	4.796	4.858
Mn2576	257.610 {1	Y_3600	ppm	0.4771	0.01	2.086	0.4841	0.4701
Mn2576-2	257.610 {1	Y_3710	ppm	0.4515	0.0026	0.5772	0.4534	0.4497
Mo2020	202.030 {4	Y_2243	ppm	0.4851	0.0005	0.105	0.4848	0.4855
Na5895	589.592 { 5	Y_3710	ppm	13.31	0.0381	0.2859	13.34	13.28
Na8183	818.326 { 4	Y_3710	ppm	12.79	0.1184	0.9263	12.7	12.87
Ni2316	231.604 {4	In2306	ppm	0.477	0.0021	0.4446	0.4785	0.4755
P_1782	178.284 {4	In2306	ppm	0.0009	0.003	325.5	-0.0012	0.003
Pb2203	220.353 {4	In2306	ppm	0.4794	0.0047	0.9741	0.4827	0.4761
S_1820	182.034 {4	Y_2243	ppm	-42.17	0.4057	0.9621	-42.46	-41.88
Sb2068	206.833 {4	Y_2243	ppm	0.4939	0.0019	0.3901	0.4925	0.4953
Se1960	196.090 {4	Y_2243	ppm	0.4853	0.0022	0.4508	0.4838	0.4869
Si2516	251.611 {1	Y_3710	ppm	0.8072	0.004	0.4954	0.8101	0.8044
Sn1899	189.989 {4	In2306	ppm	0.4995	0.0006	0.1222	0.5	0.4991
Sr4215	421.552 { 8	Y_3710	ppm	0.2471	0.0001	0.0338	0.247	0.2471
Ti3349	334.904 {1	Y_3600	ppm	0.4983	0.0092	1.841	0.5048	0.4918
Tl1908	190.856 {4	In2306	ppm	0.4938	0.0071	1.432	0.4988	0.4888
V_2924	292.402 {1	Y_3600	ppm	0.4946	0.0127	2.564	0.5036	0.4857
Zn2062	206.200 {4	In2306	ppm	0.4805	0.0022	0.4648	0.4821	0.4789

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.264	0.10406	0.1883	55.191	55.338
In2306	230.606 {4	Cts/S	9423.6	39.464	0.41878	9451.5	9395.7
Y_2243	224.306 {4	Cts/S	12395	53.683	0.43309	12433	12357
Y_3600	360.073 { 9	Cts/S	47502	587.45	1.2367	47086	47917

Y_3710	371.030 { 9	Cts/S	8100.8	30.908	0.38155	8078.9	8122.6	

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	24.17	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0418	0.0529	126.6	0.0044	0.0791
As1890	189.042 {4	Y_2243	ppm	0.0057	0.0088	154.7	-0.0005	0.0119
B_2496	249.678 {1	Y_3710	ppm	0.0042	0.0008	17.84	0.0047	0.0037
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	95.37	0.0004	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0	47.83	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.022	0.0036	16.14	0.0195	0.0245
Ca3181	318.128 {1	In2306	ppm	0.0812	0.0337	41.5	0.105	0.0574
Cd2288	228.802 {4	Y_2243	ppm	0.0075	0.0102	136.3	0.0003	0.0148
Co2286	228.616 {4	In2306	ppm	0.0083	0.0112	135.6	0.0003	0.0162
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	522.8	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.5	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0199	0.0215	107.9	-0.0047	-0.0351
K_7664	766.490 { 4	Y_3710	ppm	0.0125	0.0047	37.26	0.0158	0.0092
K_7698	769.896 { 4	Y_3710	ppm	0.0015	0.0184	1251	0.0145	-0.0115
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0003	124.9	0.0004	0
Mg2790	279.079 {1	Y_3710	ppm	0.0345	0.0617	178.9	0.0781	-0.0091
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	26.5	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0.0007	143.1	-0.0009	0
Mo2020	202.030 {4	Y_2243	ppm	0.0112	0.0132	117.2	0.0019	0.0205
Na5895	589.592 { 5	Y_3710	ppm	0.0545	0.0024	4.485	0.0528	0.0563
Na8183	818.326 { 4	Y_3710	ppm	0.1654	0.0551	33.3	0.1265	0.2044
Ni2316	231.604 {4	In2306	ppm	0.0083	0.0108	130.6	0.0006	0.0159
P_1782	178.284 {4	In2306	ppm	0.0003	0.0012	414.1	-0.0005	0.0011
Pb2203	220.353 {4	In2306	ppm	0.0072	0.0107	149.3	-0.0004	0.0147
S_1820	182.034 {4	Y_2243	ppm	-1.123	0.6281	55.95	-0.6786	-1.567
Sb2068	206.833 {4	Y_2243	ppm	0.0185	0.0115	61.9	0.0104	0.0266
Se1960	196.090 {4	Y_2243	ppm	0.0056	0.0077	138.8	0.0001	0.011
Si2516	251.611 {1	Y_3710	ppm	-0.0019	0.001	53.27	-0.0026	-0.0012
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0126	125.4	0.0011	0.019
Sr4215	421.552 { 8	Y_3710	ppm	0	0	80.23	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0007	108	0.0011	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0122	0.016	131.6	0.0008	0.0235
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0011	195.3	-0.0013	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0073	0.0099	135.5	0.0003	0.0143

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.672	0.28854	0.51829	55.468	55.876
In2306	230.606 {4	Cts/S	10021	151.2	1.5087	10128	9914.5
Y_2243	224.306 {4	Cts/S	12647	117.25	0.92713	12730	12564

Y_3600	360.073 { 9	Cts/S	45399	59.197	0.13039	45441	45357	
Y_3710	371.030 { 9	Cts/S	8031.4	13.607	0.16943	8021.8	8041.1	

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:04:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1(	Y_3600	ppm	0.0001	0.0008	1094	0.0007	-0.0005
Al3082	308.215 {1(	In2306	ppm	0.0836	0.0262	31.39	0.1022	0.0651
As1890	189.042 {4'	Y_2243	ppm	0.0007	0.0004	58.4	0.0004	0.001
B_2496	249.678 {1:	Y_3710	ppm	0.0025	0.003	116.9	0.0047	0.0004
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	625.6	0.0002	-0.0001
Be3130	313.042 {1(	Y_3710	ppm	0	0.0001	429.7	0	-0.0001
Ca3158	315.887 {1(	In2306	ppm	0.0932	0.0091	9.76	0.0996	0.0867
Ca3181	318.128 {1(	In2306	ppm	0.1755	0.0619	35.26	0.2192	0.1317
Cd2288	228.802 {4(	Y_2243	ppm	-0.0002	0.0003	111.2	-0.0004	0
Co2286	228.616 {4(	In2306	ppm	0.0004	0	10.9	0.0003	0.0004
Cr2677	267.716 {1:	Y_3600	ppm	0	0.0002	2426	0.0001	-0.0002
Cu3247	324.754 {1(	Y_3600	ppm	-0.0015	0.0001	4.419	-0.0014	-0.0015
Fe2404	240.488 {1(	In2306	ppm	0.034	0.0253	74.55	0.0161	0.0519
K_7664	766.490 { 4	Y_3710	ppm	0.003	0.0071	239.5	0.008	-0.0021
K_7698	769.896 { 4	Y_3710	ppm	-0.4908	0.0077	1.563	-0.4962	-0.4854
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	39.56	0.0007	0.0004
Mg2790	279.079 {1:	Y_3710	ppm	0.1055	0.062	58.82	0.1493	0.0616
Mn2576	257.610 {1:	Y_3600	ppm	0.0001	0	22.03	0.0001	0.0001
Mn2576-2	257.610 {1:	Y_3710	ppm	0.0003	0.0016	528.3	0.0014	-0.0008
Mo2020	202.030 {4(	Y_2243	ppm	0	0.0001	280.9	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0435	0.0032	7.412	0.0457	0.0412
Na8183	818.326 { 4	Y_3710	ppm	0.1656	0.1174	70.87	0.2486	0.0826
Ni2316	231.604 {4(	In2306	ppm	0	0.0001	161.2	-0.0001	0
P_1782	178.284 {4!	In2306	ppm	-0.0009	0.0002	23.24	-0.001	-0.0007
Pb2203	220.353 {4!	In2306	ppm	0.0008	0	0.1649	0.0008	0.0008
S_1820	182.034 {4!	Y_2243	ppm	0.0096	0.0136	142.2	0.0192	-0.0001
Sb2068	206.833 {4(	Y_2243	ppm	0.0003	0.0002	61.87	0.0005	0.0002
Se1960	196.090 {4'	Y_2243	ppm	-0.0007	0.0004	58.4	-0.0009	-0.0004
Si2516	251.611 {1:	Y_3710	ppm	-0.0122	0.0196	160.7	0.0017	-0.0261
Sn1899	189.989 {4'	In2306	ppm	-0.001	0.0002	23.4	-0.0011	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	16.94	-0.0002	-0.0001
Ti3349	334.904 {1(	Y_3600	ppm	-0.0003	0.0005	162.8	0	-0.0007
Tl1908	190.856 {4'	In2306	ppm	0.0026	0.0004	13.73	0.0028	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0003	205.9	-0.0001	0.0003
Zn2062	206.200 {4(	In2306	ppm	-0.0012	0.0001	6.958	-0.0013	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1(	Cts/S	60.883	1.2664	2.0801	61.778	59.987
In2306	230.606 {4(	Cts/S	10465	10.761	0.10283	10457	10472

Y_2243	224.306 {4	Cts/S	12906	25.875	0.20048	12888	12924
Y_3600	360.073 { 9	Cts/S	47985	61.728	0.12864	48028	47941
Y_3710	371.030 { 9	Cts/S	8744.5	89.086	1.0188	8807.5	8681.5

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:07:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	37.2	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0265	0.0118	44.58	-0.0182	-0.0349
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0001	13.12	-0.0009	-0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0013	0.0007	49.38	0.0018	0.0009
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	67.4	0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.85	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0099	0.0301	305.1	-0.0311	0.0114
Ca3181	318.128 {1	In2306	ppm	0.0509	0.0833	163.6	-0.008	0.1098
Cd2288	228.802 {4	Y_2243	ppm	-0.0003	0	4.442	-0.0003	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	52.44	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0	1.185	-0.0004	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0004	41.01	-0.0008	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.026	0.0352	135.4	-0.0011	-0.0509
K_7664	766.490 { 4	Y_3710	ppm	0.0021	0.0079	383.9	0.0076	-0.0035
K_7698	769.896 { 4	Y_3710	ppm	-0.5252	0.0064	1.212	-0.5297	-0.5207
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0	0.9366	0.0002	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0495	0.0487	98.42	0.0839	0.015
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	483.3	0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1451	0.0009	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0001	53.85	-0.0001	-0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0364	0.0004	1.177	0.0361	0.0367
Na8183	818.326 { 4	Y_3710	ppm	0.0413	0.0015	3.676	0.0424	0.0403
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	118	0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0001	17.69	-0.0007	-0.0006
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0002	132.5	-0.0003	0
S_1820	182.034 {4	Y_2243	ppm	0.0467	0.0476	101.8	0.0131	0.0804
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0008	106.8	-0.0014	-0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0017	138.1	-0.0024	0
Si2516	251.611 {1	Y_3710	ppm	-0.0368	0.0286	77.8	-0.0165	-0.057
Sn1899	189.989 {4	In2306	ppm	-0.0011	0.0002	20.05	-0.0009	-0.0012
Sr4215	421.552 { 8	Y_3710	ppm	-0.0003	0.0002	73.52	-0.0001	-0.0004
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	201.9	0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0009	52.85	0.001	0.0022
V_2924	292.402 {1	Y_3600	ppm	0	0	63.53	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	-0.0013	0.0001	11.39	-0.0014	-0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.715	0.31635	0.53878	58.939	58.492

In2306	230.606 {4	Cts/S	10312	3.8309	0.03715	10309	10315
Y_2243	224.306 {4	Cts/S	12737	24.842	0.19504	12719	12754
Y_3600	360.073 { 9	Cts/S	46933	259.53	0.55297	47117	46750
Y_3710	371.030 { 9	Cts/S	8447	77.826	0.92134	8502.1	8392

Method: 20076010 01/25/12 01:36:47 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B012512	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/25/12 01:45:44 PM page 1

Method: 20076010 Standard: S0
Run Time: 01/25/12 13:42:21

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01374	.00221	-.00043	.00100	-.04607	.00818	.00121
SDev	.00018	.00011	.00202	.00050	.00027	.00191	.00181
%RSD	1.3031	4.9094	467.92	50.204	.58226	23.386	149.78
#1	.01361	.00229	-.00186	.00064	-.04588	.00682	-.00007
#2	.01387	.00213	.00100	.00135	-.04626	.00953	.00249

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00547	.00037	-.00073	.00246	-.00244	.04029	.02030
SDev	.00001	.00053	.00008	.00024	.00104	.00012	.00010
%RSD	.11287	141.42	10.694	9.9019	42.640	.28525	.47196
#1	.00547	.00000	-.00079	.00229	-.00318	.04037	.02037
#2	.00548	.00075	-.00068	.00263	-.00171	.04021	.02023

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00009	.00004	-.00214	.28105	.03550	-.00061	-.00280
SDev	.00003	.00030	.00031	.00100	.00038	.00035	.00094
%RSD	27.950	860.88	14.486	.35676	1.0721	58.521	33.657
#1	.00007	-.00018	-.00236	.28176	.03523	-.00086	-.00347
#2	.00011	.00025	-.00192	.28035	.03577	-.00036	-.00213

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.13115	.00461	-.00184	-.00103	-.00212	.00007	-.00009
SDev	.00093	.00142	.00007	.00046	.00079	.00010	.00018
%RSD	.71292	30.792	3.7715	44.203	37.165	141.42	197.66
#1	.13181	.00361	-.00179	-.00136	-.00268	.00000	-.00021
#2	.13048	.00562	-.00188	-.00071	-.00156	.00014	.00004

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00175	.00242	-.00802	.00445

SDev	.00222	.00004	.00053	.00019
%RSD	127.06	1.7320	6.6325	4.1780
#1	.00332	.00239	-.00840	.00432
#2	.00018	.00245	-.00764	.00459

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28057	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.3477946	--	--	--	--	--	--
#1	27988	--	--	--	--	--	--
#2	28126	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/25/12 13:45:58

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0603	1.1115	1.1390	17.073	18.581	7.1156	11.683
SDev	.0037	.0011	.0022	.036	.063	.0100	.051
%RSD	.35185	.10224	.19627	.20983	.34169	.14039	.43845
#1	1.0629	1.1107	1.1374	17.098	18.536	7.1085	11.647
#2	1.0576	1.1123	1.1406	17.047	18.626	7.1226	11.720

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.5173	2.0335	1.2045	1.5722	4.5953	25.041	1.0634
SDev	.0090	.0066	.0039	.0039	.0088	.077	.0031
%RSD	.35728	.32538	.32325	.24635	.19239	.30628	.29455
#1	2.5109	2.0288	1.2017	1.5749	4.5890	25.095	1.0612
#2	2.5236	2.0382	1.2072	1.5694	4.6015	24.987	1.0656

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.8383	1.7874	5.8281	3.3878	.91444	.84128	.15407
SDev	.0048	.0071	.0012	.0146	.00325	.00006	.00046
%RSD	.26144	.39451	.02022	.43200	.35565	.00673	.30006
#1	1.8349	1.7824	5.8290	3.3981	.91674	.84132	.15440
#2	1.8417	1.7924	5.8273	3.3774	.91214	.84124	.15374

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.360	52.584	.35292	2.4721	12.532	.56884	3.2301
SDev	.101	.101	.00263	.0006	.008	.00081	.0097
%RSD	.49507	.19230	.74520	.02304	.06162	.14250	.29966
#1	20.431	52.656	.35106	2.4717	12.526	.56827	3.2232
#2	20.289	52.513	.35478	2.4725	12.537	.56942	3.2369

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.5115	7.5099	1.1370	1.0957
SDev	.0127	.0346	.0032	.0024
%RSD	.36105	.46102	.27902	.21488
#1	3.5025	7.4854	1.1392	1.0941
#2	3.5205	7.5344	1.1347	1.0974

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27740	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1962734	--	--	--	--	--	--
#1	27779	--	--	--	--	--	--
#2	27702	--	--	--	--	--	--

01/25/12 01:49:21 PM page 3

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	19.1105	-.262570	01/25/12 01:45:58
Sb2068	206.838	STD	S0	1.80896	-.003998	01/25/12 01:45:58
As1890	189.042	STD	S0	1.73831	.000750	01/25/12 01:45:58
Ba4934	493.409	STD	S0	.117153	-.000117	01/25/12 01:45:58
Be3130	313.042	STD	S0	.053720	.002475	01/25/12 01:45:58
B_2496	249.678	STD	S0	.281397	-.002301	01/25/12 01:45:58
Cd2265	226.502	STD	S0	.085770	-.000104	01/25/12 01:45:58
Ca3179	317.933	STD	S0	7.96237	-.043562	01/25/12 01:45:58
Cr2677	267.716	STD	S0	.983718	-.000367	01/25/12 01:45:58
Co2286	228.616	STD	S0	1.65950	.001213	01/25/12 01:45:58
Cu3247	324.753	STD	S0	1.27346	-.003131	01/25/12 01:45:58
Fe2714	271.441	STD	S0	4.16987	.010188	01/25/12 01:45:58
Li6707	670.784	STD	S0	.079998	-.003223	01/25/12 01:45:58
Pb2203	220.353		NONE	.000000	.000000	*01/25/12 01:45:58
Se1960	196.026		NONE	.000000	.000000	*01/25/12 01:45:58
Mg2790	279.078	STD	S0	19.1734	-.389183	01/25/12 01:45:58
Mn2576	257.610	STD	S0	1.08819	-.000097	01/25/12 01:45:58
Mo2020	202.030	STD	S0	1.11898	-.000039	01/25/12 01:45:58
Ni2316	231.604	STD	S0	.343037	.000734	01/25/12 01:45:58
K_7664	766.491	STD	S0	6.43769	-1.80934	01/25/12 01:45:58
Si2881	288.158	STD	S0	2.25453	-.080032	01/25/12 01:45:58
Ag3280	328.068	STD	S0	1.18814	.000721	01/25/12 01:45:58
Na3302	330.232	STD	S0	127.494	.356922	01/25/12 01:45:58
Na5889	588.995	STD	S0	.988694	-.129663	01/25/12 01:45:58
Sr4215	421.552	STD	S0	.019028	-.000088	01/25/12 01:45:58
Tl1908	190.864	STD	S0	5.65591	.010381	01/25/12 01:45:58
Sn1899	189.989	STD	S0	.808705	.000837	01/25/12 01:45:58
Ti3349	334.941	STD	S0	.159566	.000339	01/25/12 01:45:58
V_2924	292.402	STD	S0	3.48265	-.000248	01/25/12 01:45:58
Zn2138	213.856	STD	S0	.619924	.000055	01/25/12 01:45:58
2203/1	220.351	STD	S0	.573166	-.001003	01/25/12 01:45:58
2203/2	220.352	STD	S0	.265403	-.000643	01/25/12 01:45:58
1960/1	196.021	STD	S0	1.74894	.014027	01/25/12 01:45:58
1960/2	196.022	STD	S0	1.82891	-.008148	01/25/12 01:45:58

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/25/12 01:49:21 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/25/12 01:49:21 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/25/12 01:54:18 PM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/25/12 13:50:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.942	2.0083	2.0008	2.0060	1.0019	2.0028	1.0013

SDev	.072	.0098	.0039	.0056	.0030	.0071	.0037
%RSD	.36355	.48761	.19445	.27703	.29786	.35390	.36952
#1	19.891	2.0014	1.9981	2.0020	.99978	1.9978	.99864
#2	19.993	2.0153	2.0036	2.0099	1.0040	2.0078	1.0039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.986	1.9998	1.9985	1.9945	20.016	2.0001	2.0002
SDev	.063	.0073	.0066	.0055	.049	.0062	.0056
%RSD	.31504	.36662	.32791	.27347	.24411	.31005	.28064
#1	19.941	1.9947	1.9939	1.9907	19.982	1.9957	1.9962
#2	20.031	2.0050	2.0032	1.9984	20.051	2.0044	2.0042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9994	19.981	1.9993	2.0077	2.0000	19.975	1.9903
SDev	.0054	.057	.0058	.0105	.0166	.073	.0074
%RSD	.26968	.28757	.28956	.52335	.83041	.36600	.37179
#1	1.9956	19.940	1.9952	2.0002	1.9882	19.924	1.9851
#2	2.0032	20.021	2.0034	2.0151	2.0117	20.027	1.9956

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99911	19.964	19.952	1.0014	2.0080	1.9971	2.0038
SDev	.00312	.087	.068	.0033	.0192	.0124	.0066
%RSD	.31228	.43643	.33868	.33321	.95867	.61981	.32861
#1	.99690	20.026	19.904	.99903	1.9944	1.9883	1.9991
#2	1.0013	19.903	19.999	1.0037	2.0216	2.0058	2.0084

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9992	2.0020	1.9943	2.0031	2.0015	1.9984
SDev	.0055	.0077	.0011	.0079	.0029	.0095
%RSD	.27560	.38554	.05278	.39407	.14575	.47771
#1	1.9953	1.9965	1.9935	1.9976	2.0035	1.9916
#2	2.0031	2.0074	1.9950	2.0087	1.9994	2.0051

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27706	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.3853721	--	--	--	--	--	--

#1	27782	--	--	--	--	--	--
#2	27631	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 13:54:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4931	.50165	.50389	.50033	.51370	.50499	.51074
SDev	.0033	.00268	.00326	.00065	.00122	.00051	.00080
%RSD	.13046	.53413	.64675	.12997	.23813	.10096	.15573
#1	2.4908	.50354	.50159	.50079	.51456	.50535	.51130
#2	2.4954	.49976	.50620	.49987	.51283	.50462	.51018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.755	.50594	.50899	.50432	2.6005	.46587	.50776
SDev	.019	.00070	.00005	.00053	.0099	.00017	.00022
%RSD	.14574	.13855	.00977	.10466	.38182	.03668	.04440
#1	12.768	.50643	.50902	.50470	2.5935	.46599	.50760
#2	12.742	.50544	.50895	.50395	2.6076	.46575	.50792

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51421	5.0807	.50097	.51634	.50950	12.026	.96005
SDev	.00308	.0080	.00075	.00427	.00017	.005	.00224
%RSD	.59826	.15799	.14943	.82756	.03369	.04213	.23356
#1	.51203	5.0864	.50150	.51937	.50963	12.029	.96163
#2	.51638	5.0750	.50044	.51332	.50938	12.022	.95846

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25206	12.659	11.881	.24942	.51260	.52009	.51027
SDev	.00015	.148	.016	.00029	.00333	.00039	.00123
%RSD	.05983	1.1656	.13486	.11571	.64928	.07538	.24184
#1	.25195	12.554	11.870	.24962	.51495	.51981	.51114
#2	.25217	12.763	11.893	.24921	.51025	.52037	.50940

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50968	.51713	.50687	.50821	.51468	.51403
SDev	.00129	.00104	.00291	.00111	.00567	.00178
%RSD	.25381	.20043	.57309	.21925	1.1023	.34581
#1	.51060	.51787	.50482	.50900	.51067	.51277
#2	.50877	.51640	.50893	.50742	.51869	.51528

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/25/12 01:58:10 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28004	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0479762	--	--	--	--	--	--
#1	28013	--	--	--	--	--	--
#2	27994	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/25/12 13:58:14

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	.00167	-.00146	.00028	.00016	.00282	.00036
SDev	.00167	.00021	.00076	.00004	.00003	.00082	.00024
%RSD	47.121	12.818	51.792	15.545	16.188	29.299	67.432
#1	.00472	.00152	-.00199	.00025	.00014	.00340	.00019
#2	.00236	.00183	-.00092	.00031	.00017	.00223	.00053

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01301	.00004	.00077	-.00012	.03054	.00034	.00114
SDev	.00086	.00022	.00063	.00014	.01485	.00001	.00037
%RSD	6.5990	596.06	82.366	112.59	48.625	3.1497	32.111
#1	.01241	-.00012	.00032	-.00002	.02004	.00034	.00088
#2	.01362	.00020	.00121	-.00022	.04103	.00035	.00140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00992	.00049	.00327	.00066	.04702	-.00082
SDev	.00037	.00251	.00000	.00106	.00094	.01418	.00008
%RSD	31.996	25.263	.30594	32.347	142.36	30.146	9.5973
#1	.00144	.01169	.00049	.00401	-.00000	.05704	-.00088
#2	.00091	.00815	.00049	.00252	.00132	.03700	-.00077

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.20167	.00652	.00012	.00471	.00397	.00021
SDev	.00015	.06495	.00046	.00000	.00256	.00210	.00001
%RSD	18.155	32.207	7.0294	3.1583	54.401	52.837	5.9288
#1	.00072	.15574	.00685	.00012	.00653	.00249	.00020
#2	.00093	.24759	.00620	.00012	.00290	.00546	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00016	.00381	-.00020	.00040	.00155
SDev	.00010	.00006	.00292	.00091	.00522	.00317
%RSD	103.84	37.320	76.571	463.82	1293.9	203.96
#1	.00017	.00012	.00175	.00045	-.00328	.00379

#2	.00003	.00021	.00587	-.00084	.00409	-.00069

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27936	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.2632413	--	--	--	--	--	--
#1	27884	--	--	--	--	--	--
#2	27988	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/25/12 14:02:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09840	.01096	.01203	.01045	.00513	.01105	.00544
SDev	.00081	.00180	.00182	.00004	.00000	.00047	.00020
%RSD	.82650	16.446	15.126	.36272	.08398	4.2998	3.6054
#1	.09782	.00968	.01075	.01048	.00513	.01138	.00530
#2	.09897	.01223	.01332	.01043	.00513	.01071	.00558

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09341	.00999	.01003	.00992	.09384	.00909	.01162
SDev	.00055	.00023	.00046	.00036	.01441	.00001	.00035
%RSD	.58789	2.3190	4.6267	3.6743	15.353	.07284	3.0408
#1	.09302	.01016	.00970	.01017	.08365	.00909	.01137
#2	.09380	.00983	.01035	.00966	.10402	.00910	.01187

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01100	.11478	.01057	.01083	.01103	.62087	.00866
SDev	.00049	.00023	.00003	.00034	.00024	.00195	.00131
%RSD	4.5019	.20261	.31039	3.1313	2.1891	.31351	15.176
#1	.01135	.11494	.01060	.01059	.01086	.62224	.00959
#2	.01065	.11461	.01055	.01107	.01120	.61949	.00773

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.50482	.54342	.00499	.00717	.01122	.01045
SDev	.00046	.07184	.00020	.00001	.00015	.00071	.00001
%RSD	9.4147	14.230	.03613	.12541	2.0200	6.3275	.11191
#1	.00451	.45402	.54328	.00500	.00727	.01172	.01044
#2	.00515	.55561	.54356	.00499	.00707	.01071	.01046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01002	.01044	.01418	.01034	.00980	.01160

SDev	.00009	.00007	.00353	.00124	.00462	.00305
%RSD	.90537	.69861	24.910	11.955	47.162	26.321
#1	.01008	.01039	.01168	.01121	.00653	.01376
#2	.00996	.01049	.01668	.00947	.01306	.00944

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27583	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0461441	--	--	--	--	--	--
#1	27574	--	--	--	--	--	--

#2	27592	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/25/12 14:05:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.85	-.00335	.00055	.00158	-.00030	-.00316	.00654
SDev	.04	.00128	.00176	.00004	.00001	.00045	.00018
%RSD	.00736	38.304	319.26	2.2826	4.2270	14.326	2.8346
#1	499.82	-.00425	.00180	.00156	-.00031	-.00348	.00667
#2	499.87	-.00244	-.00069	.00161	-.00029	-.00284	.00641

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	459.89	.00118	.00012	.01269	192.63	.00471	.01231
SDev	1.63	.00047	.00080	.00014	.73	.00005	.00033
%RSD	.35402	39.860	662.23	1.1037	.37973	1.0300	2.6887
#1	461.04	.00085	.00068	.01259	193.15	.00475	.01254
#2	458.74	.00152	-.00044	.01279	192.11	.00468	.01207

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01036	509.96	-.00818	-.00035	.00109	.16020	.01107
SDev	.00225	1.44	.00003	.00290	.00050	.00754	.00018
%RSD	21.763	.28220	.33152	826.02	46.193	4.7089	1.6476
#1	-.00876	510.97	-.00820	.00170	.00145	.16554	.01094
#2	-.01195	508.94	-.00816	-.00241	.00073	.15487	.01120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.12800	.16398	-.00919	.00313	.00190	-.00259
SDev	.00040	.19423	.00105	.00007	.00269	.00643	.00008
%RSD	66.193	151.74	.63771	.70871	86.013	338.34	3.1446
#1	-.00032	.26534	.16472	-.00923	.00504	.00645	-.00265
#2	-.00089	-.00934	.16324	-.00914	.00123	-.00265	-.00253

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00461	.00198	-.07248	.05470	-.00623	-.01242
SDev	.00003	.00002	.00885	.00393	.01515	.00419
%RSD	.61825	.90136	12.204	7.1781	243.06	33.758
#1	.00463	.00197	-.06623	.05193	.00448	-.01539
#2	.00459	.00199	-.07874	.05748	-.01695	-.00946

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25060	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0141080	--	--	--	--	--	--

#1	25058	--	--	--	--	--	--
#2	25063	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/25/12 14:09:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.77	1.0192	1.0188	1.0151	.47897	1.0266	.47501
SDev	1.66	.0009	.0008	.0022	.00241	.0033	.00305
%RSD	.32911	.09267	.07691	.22099	.50237	.32246	.64237
#1	504.94	1.0199	1.0194	1.0167	.48067	1.0289	.47717
#2	502.60	1.0185	1.0183	1.0135	.47727	1.0242	.47285

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.06	.94719	.91680	1.0582	197.15	1.2176	.96520
SDev	2.37	.00409	.00351	.0029	.96	.0036	.00466
%RSD	.51987	.43211	.38333	.27567	.48768	.29367	.48271
#1	457.74	.95009	.91929	1.0603	197.83	1.2201	.96850
#2	454.39	.94430	.91432	1.0562	196.47	1.2151	.96191

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98512	507.84	.94211	.98210	.92233	14.307	.95911
SDev	.00198	2.21	.00432	.00089	.00962	.050	.00323
%RSD	.20154	.43594	.45863	.09081	1.0425	.35008	.33628
#1	.98653	509.40	.94517	.98147	.92913	14.343	.96139
#2	.98372	506.27	.93906	.98273	.91553	14.272	.95683

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53127	12.193	13.516	.49249	.97881	.99094	.97805
SDev	.00148	.075	.038	.00142	.00078	.00315	.00322

%RSD	.27899	.61301	.28096	.28888	.07960	.31799	.32916
#1	.53232	12.246	13.543	.49349	.97826	.99316	.98032
#2	.53023	12.141	13.489	.49148	.97936	.98871	.97577

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97209	1.0002	.87328	1.0112	.99697	.97920
SDev	.00364	.0038	.00613	.0039	.01751	.00578
%RSD	.37393	.38140	.70138	.38829	1.7565	.59005
#1	.97467	1.0029	.87761	1.0139	1.0094	.97512
#2	.96952	.99754	.86895	1.0084	.98458	.98329

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24974	--	--	--	--	--	--

SDev	58.68986	--	--	--	--	--	--
%RSD	.2350086	--	--	--	--	--	--
#1	24932	--	--	--	--	--	--
#2	25015	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 14:13:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5648	.50122	.50444	.50077	.51062	.50252	.51250
SDev	.0390	.00049	.00127	.00255	.00065	.00028	.00002
%RSD	1.5224	.09799	.25253	.51021	.12734	.05552	.00478
#1	2.5371	.50087	.50534	.49897	.51016	.50272	.51251
#2	2.5924	.50157	.50354	.50258	.51108	.50232	.51248

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.831	.50472	.50747	.50199	2.6201	.46657	.50812
SDev	.048	.00028	.00047	.00288	.0208	.00206	.00401
%RSD	.37234	.05625	.09333	.57443	.79320	.44094	.78974
#1	12.797	.50452	.50713	.49996	2.6054	.46511	.50528
#2	12.864	.50492	.50780	.50403	2.6348	.46802	.51095

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51127	5.1520	.50001	.51406	.51647	12.031	.95518
SDev	.00035	.0416	.00088	.00447	.00121	.047	.00320
%RSD	.06934	.80665	.17677	.86903	.23437	.39126	.33529
#1	.51102	5.1226	.49938	.51090	.51562	11.997	.95292
#2	.51152	5.1814	.50063	.51722	.51733	12.064	.95745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25166	12.582	11.862	.25027	.51400	.52068	.50909
SDev	.00043	.036	.062	.00113	.00225	.00129	.00146
%RSD	.17178	.28247	.52246	.45191	.43708	.24695	.28772
#1	.25135	12.607	11.818	.24947	.51241	.52159	.50805
#2	.25196	12.557	11.905	.25107	.51559	.51977	.51013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50820	.51681	.50817	.50809	.51260	.51066
SDev	.00120	.00001	.00075	.00564	.00200	.00153
%RSD	.23693	.00188	.14825	1.1105	.39092	.30036
#1	.50735	.51681	.50763	.50410	.51402	.50958
#2	.50906	.51680	.50870	.51208	.51119	.51175

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	27798	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1602580	--	--	--	--	--	--
#1	27829	--	--	--	--	--	--
#2	27766	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 14:17:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01230	.00145	.00041	.00024	.00019	.00166	.00027
SDev	.00174	.00006	.00276	.00004	.00000	.00080	.00018
%RSD	14.119	3.8697	667.92	15.241	.56099	48.372	65.105
#1	.01107	.00149	.00237	.00026	.00019	.00223	.00040
#2	.01353	.00141	-.00154	.00021	.00019	.00109	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03264	-.00002	.00038	-.00018	.01548	.00025	.00004
SDev	.00282	.00020	.00025	.00026	.01729	.00000	.00036
%RSD	8.6518	1219.2	64.681	147.58	111.75	.96517	875.59
#1	.03065	.00012	.00056	.00001	.02771	.00026	-.00021
#2	.03464	-.00016	.00021	-.00037	.00325	.00025	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	.01782	.00029	.00273	.00066	.03328	-.00384
SDev	.00003	.00148	.00006	.00077	.00054	.01311	.00121
%RSD	1.2819	8.2976	19.187	28.104	81.068	39.384	31.497

#1	.00239	.01886	.00033	.00328	.00104	.04254	-.00299
#2	.00243	.01677	.00025	.00219	.00028	.02401	-.00470

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.13889	.01494	.00015	.00444	-.00052	.00027
SDev	.00018	.09587	.00015	.00000	.00355	.00082	.00000
%RSD	52.612	69.027	1.0320	1.4668	79.983	157.63	.06173
#1	.00047	.20669	.01505	.00015	.00695	-.00110	.00027
#2	.00021	.07110	.01483	.00015	.00193	.00006	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00019	.00240	-.00114	.00265	.00229
SDev	.00036	.00000	.00054	.00027	.00372	.00191
%RSD	237.37	.94333	22.545	23.603	140.15	83.406
#1	.00041	.00018	.00202	-.00133	.00528	.00094
#2	-.00010	.00019	.00278	-.00095	.00002	.00363

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28054	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.2444948	--	--	--	--	--	--
#1	28005	--	--	--	--	--	--
#2	28102	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70278/1-a Operator: SRP
Run Time: 01/25/12 14:21:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01061	.00101	-.00062	.00010	-.00002	.00073	-.00001
SDev	.01222	.00294	.00159	.00005	.00007	.00043	.00010
%RSD	115.21	290.16	254.83	52.839	353.53	58.314	707.06
#1	.00197	.00310	.00050	.00006	-.00007	.00104	-.00009
#2	.01924	-.00107	-.00175	.00013	.00003	.00043	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	.00006	.00008	.00030	.01814	-.00001	.00083
SDev	.01337	.00010	.00017	.00007	.00280	.00007	.00105
%RSD	1491.5	174.58	213.55	21.617	15.435	741.93	126.51
#1	-.01035	.00013	-.00004	.00026	.01616	-.00006	.00009
#2	.00856	-.00001	.00020	.00035	.02012	.00004	.00157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00383	.00035	.00085	.00033	-.02178	-.00119
SDev	.00116	.01278	.00008	.00028	.00013	.00200	.00118
%RSD	223.94	333.75	23.477	33.659	39.277	9.1881	99.834
#1	-.00030	-.00521	.00029	.00064	.00024	-.02036	-.00035
#2	.00134	.01286	.00041	.00105	.00043	-.02319	-.00202

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	-.03278	.00496	-.00006	.00133	.00260	.00001
SDev	.00012	.01935	.00182	.00004	.00130	.00125	.00002
%RSD	35.986	59.031	36.649	69.963	97.581	48.307	140.26
#1	.00042	-.04647	.00368	-.00009	.00225	.00348	.00000
#2	.00025	-.01910	.00625	-.00003	.00041	.00171	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00155	.00307	-.00029	.00113	.00021
SDev	.00009	.00010	.00294	.00011	.00329	.00010
%RSD	43.120	6.1153	95.681	36.060	289.93	45.671
#1	.00026	.00148	.00099	-.00037	-.00119	.00014
#2	.00014	.00161	.00515	-.00022	.00346	.00028

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27808	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0254282	--	--	--	--	--	--
#1	27813	--	--	--	--	--	--
#2	27803	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70278/2-a Operator: SRP
Run Time: 01/25/12 14:25:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6942	.97284	.98601	.98363	.49489	.97816	.49741
SDev	.0221	.00240	.00375	.00079	.00006	.00064	.00051
%RSD	.22830	.24639	.37981	.08005	.01200	.06512	.10314
#1	9.7098	.97114	.98866	.98419	.49493	.97771	.49777
#2	9.6785	.97453	.98337	.98307	.49485	.97861	.49705

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9414	.98038	.98939	.97989	10.009	.44922	.98768
SDev	.0077	.00123	.00179	.00041	.025	.00132	.00076
%RSD	.07779	.12600	.18098	.04185	.24873	.29378	.07661

#1	9.9469	.98126	.99066	.98018	10.027	.45016	.98715
#2	9.9360	.97951	.98813	.97960	9.9919	.44829	.98822

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99058	9.8749	.97601	.99252	1.0113	9.5592	.91210
SDev	.00740	.0076	.00032	.00222	.0017	.0276	.00266
%RSD	.74701	.07715	.03317	.22397	.16978	.28874	.29175
#1	.98534	9.8803	.97624	.99095	1.0125	9.5787	.91398
#2	.99581	9.8696	.97578	.99409	1.0101	9.5397	.91022

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49472	9.5068	9.3162	.49170	1.0000	.99257	.98275
SDev	.00043	.1760	.0305	.00085	.0092	.00383	.00003
%RSD	.08662	1.8514	.32784	.17201	.91997	.38612	.00265
#1	.49502	9.6312	9.3378	.49230	.99352	.99528	.98277
#2	.49441	9.3823	9.2946	.49110	1.0065	.98986	.98274

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98941	1.0019	.98142	.99081	.99177	.98998
SDev	.00109	.0004	.00193	.00017	.00017	.01102
%RSD	.11041	.03823	.19646	.01725	.01710	1.1126

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 #1      .99018    1.0017    .98006    .99069    .99165    .98219
 #2      .98863    1.0022    .98278    .99093    .99189    .99777


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    27686     --        --        --        --        --        --
 SDev    38.89087  --        --        --        --        --        --
 %RSD    .1404687  --        --        --        --        --        --

 #1      27714     --        --        --        --        --        --
 #2      27659     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-48838-c-1-a        Operator: SRP
Run Time: 01/25/12 14:29:06
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .01227    .00032    .01415    .29467    -.00013   .22029    .00010
 SDev    .00209    .00208    .00150    .00072     .00001   .00014    .00002
 %RSD    16.984    661.34    10.576    .24405    6.7320    .06515    18.623

 #1      .01080    -.00116   .01521    .29518    -.00014   .22039    .00009
 #2      .01375    .00179    .01309    .29416    -.00013   .22019    .00011
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 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    100.62    -.00028   .00042    .00123    3.7563    .02458    .00110
 SDev       .20     .00003   .00009    .00003     .0081    .00005    .00060
 %RSD    .19680    9.2966    20.839    2.7679    .21508    .21982    54.296

 #1      100.76    -.00026   .00035    .00121    3.7620    .02461    .00152
 #2      100.48    -.00029   .00048    .00126    3.7506    .02454    .00068

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00246    30.149    .58714    .00666    .00099    2.8392    9.5517
 SDev    .00172      .050    .00127    .00164    .00054     .0049     .0158
 %RSD    69.984    .16607    .21553    24.557    54.489    .17389    .16522

 #1      .00367    30.184    .58803    .00782    .00137    2.8427    9.5628
 #2      .00124    30.114    .58624    .00551    .00061    2.8357    9.5405

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00006    165.85    128.40    .78352    .00579    .00268    -.00021
 SDev    .00031       .40       .22    .00153    .00325    .00108     .00000
 %RSD    503.54    .24201    .17043    .19540    56.194    40.322    2.0971

 #1      .00028    166.14    128.55    .78461    .00809    .00191    -.00020
 #2      -.00016   165.57    128.24    .78244    .00349    .00344    -.00021

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
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Avge	-.00031	.00269	.00385	-.00028	.00094	.00321
SDev	.00002	.00008	.00169	.00005	.00325	.00095
%RSD	5.0285	2.9230	43.921	17.884	345.87	29.681
#1	-.00030	.00275	.00505	-.00024	.00324	.00389
#2	-.00032	.00263	.00266	-.00031	-.00136	.00254

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27048	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0313712	--	--	--	--	--	--
#1	27054	--	--	--	--	--	--
#2	27042	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-b du Operator: SRP
Run Time: 01/25/12 14:32:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00989	-.00147	.01376	.28848	-.00016	.21422	.00003
SDev	.00197	.00015	.00088	.00019	.00000	.00025	.00002

%RSD	19.881	9.9127	6.3858	.06767	1.9944	.11809	66.028
#1	.00850	-.00157	.01314	.28834	-.00015	.21404	.00004
#2	.01128	-.00137	.01439	.28862	-.00016	.21440	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.444	-.00042	.00024	.00107	3.6687	.02392	-.00028
SDev	.238	.00028	.00000	.00003	.0142	.00006	.00033
%RSD	.24184	66.768	.72203	2.5161	.38747	.26739	118.30
#1	98.612	-.00022	.00024	.00109	3.6787	.02388	-.00051
#2	98.276	-.00062	.00023	.00105	3.6586	.02397	-.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	29.481	.57308	.00412	.00043	2.7617	9.3569
SDev	.00132	.036	.00098	.00081	.00045	.0018	.0034
%RSD	581.32	.12287	.17118	19.617	103.78	.06412	.03661
#1	.00116	29.507	.57377	.00469	.00075	2.7604	9.3545
#2	-.00071	29.456	.57238	.00355	.00011	2.7629	9.3593

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	162.12	125.62	.76446	.00187	.00052	-.00045
SDev	.00006	.29	.13	.00051	.00057	.00141	.00001
%RSD	280.18	.17598	.10543	.06618	30.810	269.70	1.2256
#1	.00002	161.92	125.53	.76411	.00146	.00152	-.00045
#2	-.00007	162.32	125.72	.76482	.00227	-.00047	-.00045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.00227	.00284	-.00184	.00179	-.00055
SDev	.00019	.00015	.00001	.00050	.00188	.00104
%RSD	56.222	6.7984	.26111	26.939	105.45	187.69
#1	-.00020	.00238	.00285	-.00219	.00312	.00018
#2	-.00047	.00216	.00284	-.00149	.00045	-.00129

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27180	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1743084	--	--	--	--	--	--
#1	27213	--	--	--	--	--	--
#2	27146	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-c ms Operator: SRP
Run Time: 01/25/12 14:36:48
Comment: TRACE 61E

Analysis Report 01/25/12 02:40:36 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9854	.99530	1.0222	1.2661	.49221	1.2286	.48574
SDev	.0082	.00012	.0076	.0012	.00016	.0008	.00039
%RSD	.08236	.01206	.74789	.09563	.03244	.06623	.08033
#1	9.9913	.99538	1.0168	1.2669	.49210	1.2281	.48547
#2	9.9796	.99521	1.0276	1.2652	.49233	1.2292	.48602

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.94	.96349	.97063	.98019	13.571	.54584	.97078
SDev	.04	.00086	.00007	.00152	.008	.00031	.00049
%RSD	.03511	.08972	.00755	.15485	.05953	.05739	.05061
#1	110.92	.96288	.97069	.98126	13.577	.54606	.97043
#2	110.97	.96410	.97058	.97911	13.566	.54562	.97112

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0192	40.007	1.5438	1.0018	.97085	15.112	10.673
SDev	.0013	.004	.0006	.0032	.00385	.016	.008
%RSD	.13199	.01081	.03573	.32325	.39623	.10345	.07644
#1	1.0182	40.010	1.5434	.99955	.97357	15.123	10.679
#2	1.0202	40.003	1.5441	1.0041	.96813	15.101	10.667

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49866	179.57	137.64	1.2824	1.0138	1.0094	.98082
SDev	.00057	.19	.06	.0011	.0125	.0001	.00068
%RSD	.11397	.10467	.04395	.08660	1.2321	.01429	.06976

#1	.49907	179.70	137.68	1.2832	1.0049	1.0095	.98131
#2	.49826	179.43	137.59	1.2816	1.0226	1.0093	.98034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98404	.99820	.96706	.97264	1.0180	1.0198
SDev	.00009	.00011	.00206	.00029	.0033	.0004
%RSD	.00890	.01114	.21293	.03009	.31934	.03849
#1	.98410	.99827	.96560	.97284	1.0157	1.0195
#2	.98398	.99812	.96851	.97243	1.0203	1.0201

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27268	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1140997	--	--	--	--	--	--
#1	27246	--	--	--	--	--	--
#2	27290	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-d msd Operator: SRP
Run Time: 01/25/12 14:40:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.086	1.0030	1.0182	1.2793	.49015	1.2297	.48137
SDev	.039	.0025	.0036	.0050	.00248	.0063	.00266
%RSD	.38348	.24497	.35607	.39285	.50572	.51027	.55334
#1	10.058	1.0012	1.0156	1.2758	.48839	1.2252	.47949
#2	10.113	1.0047	1.0207	1.2829	.49190	1.2341	.48325

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.70	.95716	.96546	.99291	13.430	.55459	.96898
SDev	.52	.00413	.00501	.00421	.055	.00181	.00913
%RSD	.47585	.43188	.51897	.42386	.40753	.32729	.94231
#1	108.34	.95424	.96191	.98993	13.391	.55330	.96252
#2	109.07	.96008	.96900	.99588	13.469	.55587	.97543

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0267	39.464	1.5309	1.0083	.95799	15.285	10.566
SDev	.0074	.216	.0076	.0078	.00420	.042	.048
%RSD	.71789	.54641	.49551	.77473	.43815	.27460	.45000
#1	1.0215	39.311	1.5255	1.0028	.95502	15.255	10.533
#2	1.0319	39.616	1.5362	1.0139	.96095	15.314	10.600

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50131	178.83	138.08	1.2851	1.0180	1.0048	.98414
SDev	.00164	.83	.42	.0049	.0063	.0002	.00455
%RSD	.32802	.46613	.30624	.38245	.62290	.01576	.46232
#1	.50015	178.24	137.78	1.2816	1.0136	1.0049	.98092
#2	.50247	179.42	138.38	1.2886	1.0225	1.0047	.98736

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98517	.99402	.96008	.97342	1.0219	1.0291
SDev	.00367	.00475	.00731	.01004	.0010	.0106
%RSD	.37299	.47768	.76137	1.0315	.09611	1.0266
#1	.98258	.99066	.95491	.96632	1.0212	1.0216
#2	.98777	.99738	.96525	.98052	1.0226	1.0366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26732	--	--	--	--	--	--

SDev	136.4716	--	--	--	--	--	--
%RSD	.5105273	--	--	--	--	--	--
#1	26828	--	--	--	--	--	--
#2	26635	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-2-a Operator: SRP
Run Time: 01/25/12 14:44:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01247	.00213	.01225	.29323	-.00015	.22092	.00028
SDev	.00009	.00166	.00056	.00199	.00001	.00169	.00012
%RSD	.71951	77.954	4.6004	.67816	3.7855	.76697	41.359
#1	.01253	.00331	.01185	.29464	-.00015	.22211	.00020
#2	.01241	.00096	.01265	.29183	-.00014	.21972	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.09	-.00051	.00060	.00120	3.7679	.02443	.00008
SDev	.39	.00000	.00017	.00026	.0065	.00022	.00003
%RSD	.38560	.06049	29.004	21.390	.17305	.90754	42.387
#1	101.37	-.00051	.00048	.00102	3.7725	.02459	.00010
#2	100.81	-.00051	.00072	.00138	3.7633	.02427	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	30.191	.58783	.00716	.00083	2.8176	9.5609
SDev	.00113	.161	.00281	.00162	.00059	.0106	.0570
%RSD	322.22	.53257	.47877	22.619	70.697	.37475	.59588
#1	.00045	30.304	.58982	.00830	.00042	2.8250	9.6012
#2	-.00115	30.077	.58584	.00601	.00125	2.8101	9.5206

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	164.18	127.43	.77986	.00477	.00078	-.00042
SDev	.00037	1.23	.71	.00544	.00942	.00038	.00003
%RSD	114.17	.75155	.55699	.69720	197.49	48.787	6.5924
#1	.00006	165.05	127.93	.78371	.01143	.00105	-.00040
#2	.00059	163.31	126.93	.77602	-.00189	.00051	-.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00220	.00163	-.00069	.00114	-.00109
SDev	.00017	.00011	.00051	.00021	.00097	.00121
%RSD	54.057	4.9452	31.542	29.661	85.381	110.06
#1	-.00043	.00212	.00199	-.00084	.00183	-.00024
#2	-.00019	.00227	.00127	-.00055	.00045	-.00195

Analysis Report 01/25/12 02:48:17 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27133	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2136983	--	--	--	--	--	--
#1	27092	--	--	--	--	--	--
#2	27174	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-3-a Operator: SRP
Run Time: 01/25/12 14:48:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01402	-.00025	.00735	.32715	-.00017	.21129	.00011
SDev	.00190	.00222	.00040	.00068	.00000	.00016	.00004
%RSD	13.569	892.13	5.3846	.20634	.76117	.07679	39.805
#1	.01537	.00132	.00763	.32667	-.00017	.21141	.00008
#2	.01268	-.00182	.00707	.32762	-.00017	.21118	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.17	-.00048	-.00014	.00125	3.8400	.02514	-.00026
SDev	.21	.00000	.00009	.00004	.0058	.00007	.00045
%RSD	.21304	.04992	64.000	3.4230	.15058	.26210	176.46
#1	100.02	-.00048	-.00008	.00122	3.8359	.02509	-.00058
#2	100.32	-.00048	-.00020	.00128	3.8441	.02519	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	30.122	.51724	.00438	.00063	2.9047	10.113
SDev	.00122	.078	.00090	.00031	.00039	.0148	.024
%RSD	222.28	.25870	.17340	7.1501	61.864	.50985	.24028

#1	-.00031	30.067	.51661	.00460	.00090	2.8942	10.096
#2	.00141	30.178	.51788	.00416	.00035	2.9152	10.130

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	158.34	124.12	.78442	-.00026	.00235	-.00043
SDev	.00003	.60	.39	.00176	.00210	.00010	.00002
%RSD	14.022	.38164	.31072	.22475	798.01	4.3692	3.4995

#1	.00019	157.91	123.85	.78317	.00122	.00242	-.00044
#2	.00024	158.77	124.40	.78567	-.00175	.00228	-.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.00147	.00348	-.00212	.00667	-.00252
SDev	.00009	.00005	.00201	.00032	.00631	.00133
%RSD	23.708	3.0817	57.769	15.255	94.547	52.877

#1	-.00033	.00150	.00206	-.00190	.00221	-.00158	
#2	-.00047	.00144	.00490	-.00235	.01114	-.00346	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26980	--	--	--	--	--	--
SDev	58.68986	--	--	--	--	--	--
%RSD	.2175270	--	--	--	--	--	--

#1	27022	--	--	--	--	--	--
#2	26939	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-4-a Operator: SRP
Run Time: 01/25/12 14:52:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12584	-.00132	.00374	.17183	-.00016	.18180	.00011
SDev	.00057	.00039	.00054	.00062	.00000	.00050	.00001
%RSD	.45291	29.454	14.418	.35879	2.4150	.27555	6.1175

#1	.12625	-.00104	.00336	.17226	-.00016	.18216	.00011
#2	.12544	-.00159	.00412	.17139	-.00017	.18145	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.318	.00133	.00047	.00181	.31456	.03428	.00081
SDev	.357	.00019	.00009	.00019	.00954	.00006	.00026
%RSD	.37860	13.925	18.049	10.318	3.0346	.16709	32.099

#1	94.570	.00147	.00053	.00168	.32131	.03433	.00099
#2	94.065	.00120	.00041	.00194	.30781	.03424	.00063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	17.142	.12702	.00254	.00299	5.1132	9.3864

SDev	.00003	.067	.00052	.00005	.00012	.0159	.0261
%RSD	1.9550	.38828	.41123	2.0359	4.1361	.31092	.27849
#1	.00147	17.189	.12739	.00250	.00307	5.1244	9.4049
#2	.00143	17.095	.12665	.00258	.00290	5.1020	9.3679
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	151.32	119.38	.90974	.00210	.00213	.00211
SDev	.00047	.20	.09	.00295	.00265	.00077	.00006
%RSD	181.78	.13146	.07804	.32387	126.21	36.097	2.6149
#1	.00059	151.46	119.45	.91182	.00398	.00267	.00215
#2	-.00007	151.18	119.32	.90766	.00023	.00159	.00207
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.00228	.00407	-.00082	.00373	.00032
SDev	.00010	.00002	.00017	.00047	.00071	.00031
%RSD	6.8461	.92884	4.1255	57.976	18.979	98.548
#1	.00146	.00230	.00395	-.00048	.00423	.00010
#2	.00133	.00227	.00418	-.00115	.00323	.00054

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26888	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.2761263	--	--	--	--	--	--
#1	26836	--	--	--	--	--	--
#2	26941	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-5-a Operator: SRP
Run Time: 01/25/12 14:56:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02087	.00152	.00399	.32136	-.00022	.19123	.00005
SDev	.00046	.00043	.00153	.00038	.00000	.00049	.00006
%RSD	2.1816	28.224	38.248	.11803	.21301	.25500	121.77
#1	.02119	.00182	.00507	.32163	-.00022	.19157	.00010
#2	.02055	.00121	.00291	.32109	-.00022	.19088	.00001
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	125.41	.00065	.00009	.00084	3.1265	.02737	.00038
SDev	.57	.00023	.00009	.00003	.0181	.00004	.00016
%RSD	.45147	36.192	98.591	4.0568	.57861	.13462	40.642
#1	125.81	.00082	.00015	.00086	3.1393	.02739	.00027
#2	125.01	.00048	.00003	.00082	3.1137	.02734	.00049
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00279	29.281	.46509	.00177	.00008	2.9708	10.648
SDev	.00092	.115	.00222	.00012	.00051	.0042	.030
%RSD	32.847	.39197	.47851	6.7048	672.27	.14288	.28298
#1	.00344	29.362	.46666	.00185	.00044	2.9738	10.669
#2	.00215	29.200	.46351	.00169	-.00029	2.9678	10.627

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	146.27	116.72	1.2702	.00229	.00120	-.00053
SDev	.00003	.02	.07	.0015	.00195	.00073	.00001
%RSD	19.514	.01620	.06338	.11747	85.223	60.846	1.6458

#1	.00018	146.28	116.77	1.2713	.00367	.00068	-.00052
#2	.00014	146.25	116.66	1.2692	.00091	.00172	-.00053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.00201	.00367	-.00126	.00259	.00290
SDev	.00009	.00007	.00212	.00129	.00256	.00010
%RSD	21.952	3.4606	57.702	102.60	98.825	3.4040
#1	-.00036	.00197	.00516	-.00217	.00439	.00297
#2	-.00049	.00206	.00217	-.00035	.00078	.00283

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26598	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0186091	--	--	--	--	--	--
#1	26602	--	--	--	--	--	--
#2	26595	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 14:59:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5718	.50486	.50560	.50765	.50624	.50500	.51338
SDev	.0040	.00269	.00276	.00044	.00004	.00075	.00003
%RSD	.15393	.53319	.54647	.08681	.00811	.14754	.00576
#1	2.5690	.50296	.50756	.50734	.50627	.50447	.51340
#2	2.5746	.50676	.50365	.50796	.50622	.50553	.51336

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.788	.50237	.50427	.50473	2.6196	.47307	.50720
SDev	.006	.00017	.00020	.00097	.0063	.00029	.00071
%RSD	.04721	.03437	.04014	.19149	.23911	.06217	.14005
#1	12.784	.50250	.50441	.50404	2.6152	.47287	.50770
#2	12.792	.50225	.50413	.50541	2.6240	.47328	.50670

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51108	5.1031	.49980	.51221	.52534	12.217	.96612
SDev	.00095	.0025	.00021	.00282	.00170	.001	.00350
%RSD	.18538	.04828	.04150	.55139	.32422	.00472	.36246
#1	.51041	5.1013	.49965	.51021	.52654	12.218	.96859
#2	.51175	5.1048	.49994	.51421	.52413	12.217	.96364

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report Blank Sample 01/25/12 03:03:41 PM page 21

Avge	.25215	12.692	12.072	.25344	.51479	.51679	.51109
SDev	.00058	.060	.014	.00013	.00816	.00033	.00051
%RSD	.22915	.47287	.11842	.05035	1.5852	.06449	.09994
#1	.25175	12.650	12.062	.25335	.50902	.51702	.51073
#2	.25256	12.735	12.082	.25353	.52056	.51655	.51145

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50868	.51882	.50187	.50986	.50594	.51371
SDev	.00039	.00052	.00003	.00105	.00040	.00122
%RSD	.07601	.10014	.00542	.20631	.07922	.23765
#1	.50840	.51846	.50189	.51061	.50566	.51285
#2	.50895	.51919	.50185	.50912	.50623	.51458

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27570	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0359068	--	--	--	--	--	--
#1	27577	--	--	--	--	--	--
#2	27563	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 15:03:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02732	.00062	-.00080	.00040	.00026	.00185	.00032
SDev	.00158	.00194	.00273	.00002	.00005	.00053	.00005
%RSD	5.7890	314.70	340.17	4.9918	18.655	28.613	14.110
#1	.02844	.00199	.00113	.00041	.00022	.00223	.00029
#2	.02621	-.00076	-.00274	.00038	.00029	.00148	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04320	.00011	.00047	.00007	.00901	.00032	.00096
SDev	.00270	.00028	.00030	.00021	.00662	.00002	.00000
%RSD	6.2598	251.19	63.698	293.40	73.543	4.7283	.03721

#1	.04128	.00031	.00026	.00022	.00432	.00031	.00096
#2	.04511	-.00009	.00068	-.00008	.01369	.00033	.00096

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.02110	.00041	.00197	.00055	.01504	-.00252
SDev	.00019	.00253	.00000	.00058	.00026	.01998	.00173
%RSD	11.053	11.969	.45624	29.218	47.758	132.78	68.437

#1	.00190	.02289	.00041	.00238	.00036	.02917	-.00130

#2	.00162	.01932	.00041	.00156	.00073	.00092	-.00374

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.06432	.01355	.00024	.00155	.00039	.00034
SDev	.00027	.05986	.00129	.00002	.00040	.00026	.00016
%RSD	1689.3	93.059	9.5251	7.8235	25.737	68.531	46.230

#1	-.00018	-.10664	.01264	.00023	.00183	.00057	.00045
#2	.00021	-.02200	.01446	.00026	.00127	.00020	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00022	.00280	.00004	-.00083	.00306
SDev	.00027	.00008	.00230	.00115	.00516	.00287
%RSD	130.11	34.951	82.259	3218.8	619.20	94.015

#1	.00040	.00017	.00117	.00085	-.00448	.00509
#2	.00002	.00028	.00442	-.00078	.00282	.00102

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27852	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.3782745	--	--	--	--	--	--

#1	27778	--	--	--	--	--	--
#2	27927	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48856-c-1-a Operator: SRP
Run Time: 01/25/12 15:07:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04839	.00125	.00204	.08782	-.00024	1.7489	.00016
SDev	.00050	.00121	.00094	.00001	.00002	.0005	.00002
%RSD	1.0420	97.288	46.163	.00662	6.8172	.02672	11.764

#1	.04803	.00210	.00271	.08781	-.00025	1.7492	.00017
#2	.04875	.00039	.00138	.08782	-.00023	1.7486	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	255.46	.00236	.00054	.07579	.26591	.09205	.01198
SDev	.02	.00005	.00032	.00016	.01781	.00009	.00047

%RSD	.00902	1.8891	58.867	.20723	6.6990	.09677	3.8879
#1	255.47	.00239	.00077	.07591	.27851	.09212	.01231
#2	255.44	.00233	.00032	.07568	.25332	.09199	.01165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	42.675	.02564	.00306	.00970	14.856	13.404

SDev	.00120	.007	.00006	.00042	.00075	.009	.011
%RSD	140.28	.01685	.22507	13.595	7.6919	.06110	.08536
#1	.00001	42.669	.02560	.00336	.01022	14.862	13.412
#2	.00170	42.680	.02568	.00277	.00917	14.849	13.396

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	284.13	200.90	3.3148	.00176	.00302	-.00079
SDev	.00042	.82	.38	.0021	.00049	.00133	.00009
%RSD	90.148	.28799	.18895	.06245	27.882	44.009	11.527
#1	.00077	284.71	201.17	3.3162	.00210	.00208	-.00072
#2	.00017	283.55	200.63	3.3133	.00141	.00396	-.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00608	.12641	.01570	.01012	.00430	-.00087
SDev	.00055	.00015	.00160	.00010	.00006	.00176
%RSD	9.0763	.12157	10.178	.99322	1.4706	202.54
#1	.00648	.12652	.01683	.01005	.00425	-.00212
#2	.00569	.12630	.01457	.01019	.00434	.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25966	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.3295138	--	--	--	--	--	--
#1	26026	--	--	--	--	--	--
#2	25905	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48856-c-3-a Operator: SRP
Run Time: 01/25/12 15:12:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02916	-.00060	-.00151	.09125	-.00026	.73945	.00005
SDev	.00035	.00181	.00318	.00064	.00006	.00433	.00012
%RSD	1.2119	301.64	210.64	.70528	23.348	.58529	230.00
#1	.02941	-.00188	-.00375	.09171	-.00030	.74251	-.00003
#2	.02891	.00068	.00074	.09080	-.00022	.73639	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	388.02	.01327	.00108	.04155	.31023	.09487	.00027
SDev	.71	.00009	.00018	.00055	.00357	.00088	.00112
%RSD	.18179	.71145	16.695	1.3227	1.1505	.93174	413.26
#1	388.52	.01333	.00096	.04194	.30771	.09549	.00106
#2	387.52	.01320	.00121	.04116	.31276	.09424	-.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	64.882	.03414	.00300	.04335	17.802	12.523
SDev	.00060	.226	.00013	.00045	.00079	.160	.086
%RSD	21.208	.34872	.38532	14.942	1.8167	.89597	.68906
#1	.00327	65.042	.03423	.00268	.04279	17.915	12.584
#2	.00242	64.722	.03404	.00331	.04391	17.689	12.462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	269.93	195.12	5.8020	.00164	.00158	-.00131
SDev	.00036	2.40	1.56	.0407	.00059	.00053	.00011
%RSD	84.468	.89055	.80059	.70064	35.976	33.238	8.3102
#1	.00017	271.63	196.23	5.8308	.00206	.00121	-.00139
#2	.00067	268.23	194.02	5.7733	.00122	.00196	-.00124

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	.07071	.00367	-.00143	.00837	.00008
SDev	.00010	.00010	.00197	.00070	.00136	.00022
%RSD	2.9281	.13421	53.533	48.876	16.301	272.62
#1	.00354	.07078	.00506	-.00093	.00933	.00024
#2	.00340	.07064	.00228	-.00192	.00740	-.00008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25974	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2994600	--	--	--	--	--	--

#1	25919	--	--	--	--	--	--
#2	26029	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48888-c-1-a Operator: SRP
Run Time: 01/25/12 15:16:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8057	.00009	.00164	.07655	-.00033	.21247	-.00001
SDev	.0020	.00084	.00125	.00034	.00001	.00023	.00008
%RSD	.11005	894.70	76.248	.44472	1.9122	.10668	1397.4

#1	1.8071	.00068	.00252	.07679	-.00033	.21263	.00005
#2	1.8043	-.00050	.00076	.07631	-.00034	.21231	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	207.66	.00004	.00154	.00633	.43883	.00986	.01054
SDev	1.24	.00036	.00046	.00041	.00335	.00005	.00005
%RSD	.59492	878.30	30.132	6.4985	.76348	.47840	.47041
#1	206.79	-.00021	.00121	.00604	.44120	.00983	.01057
#2	208.53	.00029	.00187	.00662	.43646	.00989	.01050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	56.357	.09238	.00644	.01739	37.782	5.9672
SDev	.00061	.178	.00034	.00023	.00031	.282	.0025
%RSD	61.641	.31503	.37323	3.5062	1.7831	.74766	.04184
#1	-.00056	56.232	.09213	.00628	.01717	37.982	5.9655
#2	-.00143	56.483	.09262	.00660	.01761	37.582	5.9690

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	1596.9	566.60	.45633	.00242	.00237	.00073
SDev	.00030	3.8	4.85	.00061	.00074	.00017	.00034
%RSD	161.02	.23485	.85592	.13378	30.578	7.2330	47.453
#1	-.00003	1599.5	563.17	.45676	.00189	.00249	.00048
#2	.00039	1594.2	570.03	.45590	.00294	.00224	.00097

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.09006	.01361	.00900	.00348	-.00323
SDev	.00010	.00025	.00113	.00064	.00106	.00145
%RSD	18.224	.27345	8.3201	7.1155	30.418	44.847
#1	.00050	.08988	.01281	.00946	.00273	-.00221
#2	.00064	.09023	.01441	.00855	.00423	-.00426

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 03:20:14 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25378	--	--	--	--	--	--
SDev	152.0280	--	--	--	--	--	--
%RSD	.5990660	--	--	--	--	--	--
#1	25485	--	--	--	--	--	--
#2	25270	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 15:20:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.5249	.49984	.50224	.50313	.50007	.50088	.50921
SDev	.0119	.00201	.00166	.00287	.00136	.00032	.00146
%RSD	.47095	.40183	.32983	.57070	.27204	.06441	.28613
#1	2.5333	.50126	.50341	.50516	.50103	.50065	.51024
#2	2.5165	.49842	.50107	.50110	.49911	.50111	.50818

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.645	.49716	.50047	.49806	2.5975	.46940	.50191
SDev	.022	.00102	.00176	.00296	.0214	.00222	.00071
%RSD	.17767	.20557	.35229	.59325	.82475	.47227	.14222
#1	12.661	.49788	.50171	.50015	2.6126	.47096	.50242
#2	12.629	.49644	.49922	.49597	2.5823	.46783	.50141

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50538	5.0335	.49556	.50721	.50894	12.128	.96477
SDev	.00149	.0210	.00158	.00007	.00255	.048	.00683
%RSD	.29560	.41673	.31850	.01455	.50094	.39856	.70850
#1	.50643	5.0484	.49668	.50716	.51075	12.162	.96960
#2	.50432	5.0187	.49445	.50726	.50714	12.093	.95993

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25043	12.862	12.039	.25120	.51122	.51191	.50641
SDev	.00154	.110	.067	.00095	.00468	.00116	.00205
%RSD	.61482	.85332	.55763	.37863	.91617	.22631	.40497
#1	.25151	12.940	12.086	.25187	.50790	.51273	.50786
#2	.24934	12.785	11.991	.25053	.51453	.51109	.50496

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50325	.51446	.50009	.50283	.50063	.50781
SDev	.00125	.00159	.00188	.00013	.00413	.00017
%RSD	.24856	.30926	.37692	.02551	.82546	.03439
#1	.50414	.51558	.50143	.50292	.50355	.50793

#2	.50237	.51333	.49876	.50274	.49771	.50768	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27609	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.2509923	--	--	--	--	--	--
#1	27560	--	--	--	--	--	--
#2	27658	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 15:24:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02504	.00211	.00146	.00048	.00035	.00311	.00037
SDev	.00122	.00177	.00216	.00006	.00001	.00085	.00019
%RSD	4.8771	83.837	147.86	11.697	3.8422	27.281	51.057
#1	.02591	.00336	.00299	.00052	.00036	.00371	.00024
#2	.02418	.00086	-.00007	.00044	.00034	.00251	.00050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03708	.00064	.00014	.00044	.00154	.00037	.00077
SDev	.00554	.00051	.00066	.00048	.01337	.00003	.00009
%RSD	14.945	80.588	466.78	109.11	868.12	9.0854	11.779
#1	.03316	.00100	-.00033	.00078	-.00792	.00034	.00083
#2	.04099	.00027	.00061	.00010	.01100	.00039	.00070

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	.01419	.00049	.00126	.00041	.00398	-.00027
SDev	.00001	.00046	.00005	.00098	.00042	.00615	.00395
%RSD	.14822	3.2049	9.9895	77.713	103.59	154.49	1482.6
#1	.00370	.01451	.00052	.00196	.00011	.00834	.00252
#2	.00371	.01387	.00045	.00057	.00071	-.00037	-.00306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.02017	.02449	.00035	-.00020	.00114	.00056
SDev	.00051	.04494	.00025	.00003	.00098	.00268	.00026
%RSD	268.45	222.84	1.0062	8.1627	485.85	234.39	46.339
#1	-.00017	-.01161	.02466	.00033	.00049	-.00075	.00075
#2	.00055	.05194	.02432	.00037	-.00090	.00303	.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00058	-.00276	.00253	-.00290	.00700

SDev	.00053	.00026	.01084	.00556	.01605	.00802
%RSD	59.456	45.684	392.71	219.38	553.52	114.48
#1	.00126	.00076	-.01042	.00646	-.01425	.01267
#2	.00052	.00039	.00490	-.00140	.00845	.00133

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27806	--	--	--	--	--	--
SDev	304.7630	--	--	--	--	--	--
%RSD	1.096013	--	--	--	--	--	--
#1	28022	--	--	--	--	--	--
#2	27591	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70749/1-a Operator: SRP
Run Time: 01/25/12 15:28:00
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00687	.00111	-.00064	.00097	-.00010	.00082	.00029
SDev	.00010	.00214	.00053	.00004	.00001	.00018	.00001
%RSD	1.5021	192.69	82.946	4.4704	9.5200	21.498	3.3697
#1	.00694	-.00040	-.00102	.00100	-.00009	.00094	.00030
#2	.00680	.00263	-.00026	.00094	-.00010	.00069	.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00860	-.00028	.00019	-.00024	.02992	.00009	.00108
SDev	.00013	.00028	.00034	.00017	.00551	.00003	.00124
%RSD	1.5051	99.771	181.34	69.372	18.411	35.831	115.00
#1	.00869	-.00008	.00043	-.00036	.03381	.00007	.00020
#2	.00850	-.00047	-.00005	-.00012	.02602	.00011	.00196

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.01126	.00016	.00083	.00045	.06847	-.00247
SDev	.00163	.00205	.00003	.00015	.00009	.01212	.00105
%RSD	136.07	18.214	17.296	17.368	19.579	17.694	42.418
#1	.00005	.00981	.00018	.00073	.00039	.05991	-.00173
#2	.00235	.01271	.00014	.00094	.00051	.07704	-.00321

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.20652	.01874	-.00008	-.00234	.03256	-.00000
SDev	.00000	.03621	.00045	.00000	.00172	.00041	.00014
%RSD	.00915	17.531	2.3821	4.3988	73.540	1.2621	55636.
#1	.00068	.23212	.01906	-.00007	-.00356	.03285	.00010
#2	.00068	.18092	.01842	-.00008	-.00113	.03227	-.00010

Analysis Report 01/25/12 03:31:49 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.04059	.00607	-.00142	-.00257	.00308
SDev	.00000	.00015	.00097	.00138	.00110	.00189
%RSD	1.3856	.38029	15.916	97.626	42.733	61.448
#1	-.00011	.04048	.00539	-.00239	-.00335	.00174
#2	-.00011	.04070	.00676	-.00044	-.00179	.00442

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27555	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1437053	--	--	--	--	--	--
#1	27583	--	--	--	--	--	--
#2	27527	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70749/2-a Operator: SRP

Run Time: 01/25/12 15:31:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.147	.84485	1.2387	2.2963	1.3623	.80437	.63964
SDev	.259	.01020	.0109	.0102	.0144	.00398	.00846
%RSD	.34426	1.2077	.88170	.44627	1.0581	.49492	1.3228
#1	74.964	.85207	1.2464	2.2891	1.3725	.80718	.64563
#2	75.330	.83764	1.2310	2.3036	1.3521	.80155	.63366

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.458	.92742	1.2818	.98795	159.31	.07584	1.3036
SDev	.971	.00896	.0123	.00239	1.51	.00053	.0065
%RSD	1.1494	.96652	.96274	.24233	.95073	.69914	.50030
#1	85.144	.93376	1.2905	.98626	160.38	.07546	1.3082
#2	83.771	.92108	1.2730	.98965	158.24	.07621	1.2990

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7255	36.283	4.6872	.85467	1.2157	42.100	7.0694
SDev	.0043	.275	.0346	.00460	.0150	.402	.0218
%RSD	.24777	.75665	.73750	.53880	1.2354	.95407	.30846
#1	1.7285	36.477	4.7116	.85793	1.2264	41.816	7.0848
#2	1.7225	36.089	4.6628	.85141	1.2051	42.384	7.0540

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39787	3.0395	5.8932	2.2593	1.4796	1.4898	3.6978
SDev	.00124	.0709	.0523	.0061	.0025	.0167	.0075

%RSD	.31082	2.3323	.88828	.27046	.17096	1.1195	.20287
#1	.39874	3.0897	5.8562	2.2549	1.4814	1.5016	3.7031
#2	.39700	2.9894	5.9302	2.2636	1.4778	1.4780	3.6925

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58200	1.9687	1.2586	1.3261	1.6954	1.7405
SDev	.00434	.0145	.0110	.0153	.0147	.0138
%RSD	.74550	.73483	.87260	1.1518	.86613	.79029
#1	.58507	1.9789	1.2508	1.3369	1.6850	1.7502
#2	.57893	1.9585	1.2663	1.3153	1.7058	1.7308

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29629	--	--	--	--	--	--
SDev	258.8011	--	--	--	--	--	--
%RSD	.8734722	--	--	--	--	--	--
#1	29812	--	--	--	--	--	--
#2	29446	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49000-b-1-a Operator: SRP
Run Time: 01/25/12 15:35:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.791	.00903	.03589	3.5389	.00156	.20419	.00472
SDev	.090	.00183	.00147	.0030	.00010	.00231	.00015
%RSD	.25014	20.229	4.0900	.08416	6.6008	1.1327	3.2040
#1	35.727	.01033	.03693	3.5368	.00163	.20582	.00482
#2	35.854	.00774	.03486	3.5410	.00149	.20255	.00461

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.231	.06022	.01128	1.2161	35.034	.00979	.09766
SDev	.255	.00076	.00004	.0005	.182	.00003	.00007
%RSD	.55177	1.2638	.35200	.03951	.51957	.27991	.07228
#1	46.411	.06076	.01126	1.2164	35.162	.00977	.09771
#2	46.051	.05968	.01131	1.2157	34.905	.00981	.09761

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02231	5.6338	2.5304	.03538	.04037	7.2344	18.363
SDev	.00006	.0412	.0120	.00154	.00090	.0168	.022
%RSD	.28396	.73094	.47246	4.3470	2.2386	.23287	.12178
#1	.02226	5.6630	2.5388	.03647	.04100	7.2225	18.379
#2	.02235	5.6047	2.5219	.03429	.03973	7.2463	18.347

Analysis Report 01/25/12 03:39:31 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00591	20.900	19.264	.49795	-.00182	.14190	.13539
SDev	.00042	.124	.115	.00014	.00328	.00103	.00074
%RSD	7.1501	.59541	.59650	.02802	179.93	.72970	.54495
#1	.00620	20.812	19.183	.49785	.00050	.14263	.13591
#2	.00561	20.988	19.346	.49805	-.00414	.14117	.13487

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03445	3.5346	.08920	.10189	.01447	.02623
SDev	.00029	.0206	.00603	.00312	.00723	.00352
%RSD	.83346	.58393	6.7557	3.0609	49.957	13.423
#1	.03465	3.5492	.08494	.10410	.00936	.02872
#2	.03424	3.5200	.09346	.09969	.01959	.02374

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27928	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0227874	--	--	--	--	--	--

#1	27923	--	--	--	--	--	--
#2	27932	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-b Operator: SRP
Run Time: 01/25/12 15:39:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	158.10	.00035	.05454	.84285	.01010	.08355	.00539
SDev	.45	.00009	.00110	.00257	.00005	.00057	.00023
%RSD	.28180	26.825	2.0115	.30501	.47242	.68790	4.3152
#1	158.42	.00042	.05376	.84466	.01006	.08395	.00522
#2	157.79	.00028	.05531	.84103	.01013	.08314	.00555

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.96	.22622	.10771	.19547	245.01	.19699	.25210
SDev	.04	.00007	.00015	.00078	.15	.00040	.00116
%RSD	.03997	.03005	.14370	.40135	.06221	.20093	.45993
#1	102.94	.22617	.10760	.19603	245.12	.19727	.25292
#2	102.99	.22626	.10782	.19492	244.90	.19671	.25128

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01378	52.730	2.2348	.00271	.28178	24.826	6.9341
SDev	.00079	.029	.0014	.00040	.00125	.028	.0177
%RSD	5.7405	.05594	.06450	14.603	.44258	.11211	.25527

#1	-.01322	52.751	2.2358	.00243	.28266	24.846	6.9467
#2	-.01434	52.709	2.2338	.00299	.28090	24.807	6.9216

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00397	8.9519	9.3157	.66693	-.00147	.03598	.91056
SDev	.00033	.0135	.0190	.00159	.00088	.00092	.00049
%RSD	8.3227	.15095	.20366	.23787	59.421	2.5438	.05410
#1	-.00374	8.9615	9.3291	.66805	-.00085	.03663	.91091
#2	-.00421	8.9424	9.3022	.66581	-.00209	.03533	.91021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41826	1.0364	.22264	.26683	-.01827	-.01154
SDev	.00048	.0008	.00091	.00128	.00364	.00301
%RSD	.11491	.07243	.40963	.48091	19.909	26.033
#1	.41860	1.0370	.22329	.26774	-.02084	-.00942
#2	.41792	1.0359	.22200	.26592	-.01569	-.01367

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30884	--	--	--	--	--	--
SDev	153.4422	--	--	--	--	--	--

%RSD	.4968419	--	--	--	--	--	--
#1	30775	--	--	--	--	--	--
#2	30992	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-c du Operator: SRP
Run Time: 01/25/12 15:43:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	154.95	.00153	.05466	6.8623	.00975	.07089	.00544
SDev	.13	.00001	.00135	.0061	.00002	.00006	.00023
%RSD	.08601	.81427	2.4746	.08906	.22939	.08320	4.2496
#1	155.04	.00153	.05371	6.8666	.00977	.07094	.00561
#2	154.85	.00152	.05562	6.8580	.00973	.07085	.00528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.95	.22048	.16787	.20311	240.99	.20004	.28190
SDev	.21	.00046	.00027	.00008	.51	.00009	.00099
%RSD	.18786	.20882	.16312	.03837	.21215	.04331	.35267
#1	111.10	.22080	.16806	.20306	241.35	.20010	.28260
#2	110.81	.22015	.16768	.20317	240.63	.19998	.28119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01542	52.474	3.2930	.00196	.28353	24.573	6.7576
SDev	.00170	.117	.0064	.00024	.00044	.017	.0115
%RSD	11.051	.22298	.19381	12.443	.15695	.06752	.16950
#1	-.01662	52.557	3.2975	.00179	.28384	24.584	6.7657
#2	-.01421	52.391	3.2885	.00213	.28321	24.561	6.7496

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00455	8.8062	9.2800	.73871	-.00372	.03400	.81869
SDev	.00020	.0006	.0011	.00072	.00311	.00170	.00117
%RSD	4.3900	.00737	.01143	.09797	83.474	5.0034	.14268
#1	-.00441	8.8066	9.2793	.73922	-.00152	.03520	.81952
#2	-.00469	8.8057	9.2808	.73819	-.00592	.03280	.81787

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40719	1.0376	.25011	.29779	-.01785	-.01420
SDev	.00069	.0025	.00259	.00020	.00104	.00204
%RSD	.17007	.23883	1.0346	.06628	5.8025	14.348
#1	.40768	1.0394	.25194	.29793	-.01858	-.01564
#2	.40671	1.0359	.24828	.29765	-.01711	-.01276

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	31884	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2084683	--	--	--	--	--	--
#1	31837	--	--	--	--	--	--
#2	31931	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-d ms Operator: SRP
Run Time: 01/25/12 15:47:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	192.10	.27909	.86462	1.7911	.42091	.52723	.41730
SDev	.20	.00127	.00055	.0006	.00044	.00145	.00087
%RSD	.10530	.45427	.06332	.03091	.10568	.27560	.20806
#1	191.95	.27999	.86424	1.7907	.42122	.52621	.41791
#2	192.24	.27819	.86501	1.7915	.42059	.52826	.41668

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.90	1.0636	.99498	1.0792	325.33	.66293	1.1536
SDev	.17	.0015	.00159	.0012	.47	.00125	.0001
%RSD	.15209	.14062	.15959	.11351	.14549	.18917	.01240

#1	112.02	1.0647	.99610	1.0784	325.67	.66204	1.1537
#2	111.78	1.0626	.99386	1.0801	325.00	.66381	1.1535

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73557	63.532	5.1858	.67782	1.1237	36.192	7.2573
SDev	.00010	.052	.0052	.00030	.0001	.053	.0078
%RSD	.01337	.08108	.10088	.04463	.01103	.14600	.10690
#1	.73550	63.568	5.1895	.67804	1.1238	36.155	7.2518
#2	.73564	63.495	5.1821	.67761	1.1236	36.229	7.2627

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42514	18.461	19.095	1.1320	.83531	.73311	1.2103
SDev	.00011	.045	.049	.0005	.00088	.00120	.0003
%RSD	.02594	.24451	.25577	.04537	.10538	.16412	.02892
#1	.42522	18.493	19.060	1.1316	.83593	.73396	1.2106
#2	.42506	18.429	19.129	1.1324	.83468	.73226	1.2101

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3039	1.9389	1.1033	1.1787	.73129	.73770
SDev	.0013	.0026	.0052	.0024	.00246	.00137
%RSD	.10117	.13530	.46815	.20089	.33572	.18640
#1	1.3048	1.9407	1.1069	1.1771	.73302	.73673
#2	1.3029	1.9370	1.0996	1.1804	.72955	.73868

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31588	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1074494	--	--	--	--	--	--
#1	31564	--	--	--	--	--	--
#2	31612	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-e msd Operator: SRP
Run Time: 01/25/12 15:51:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	196.71	.27880	.86015	1.7797	.42634	.54418	.42188
SDev	.05	.00164	.00200	.0000	.00018	.00091	.00075
%RSD	.02493	.58758	.23264	.00100	.04287	.16643	.17814
#1	196.74	.27764	.86156	1.7798	.42621	.54354	.42135
#2	196.67	.27996	.85873	1.7797	.42647	.54482	.42241

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.25	1.0740	.93678	1.0589	270.97	.66920	1.1247
SDev	.03	.0001	.00090	.0012	.31	.00053	.0026
%RSD	.03027	.01337	.09635	.10870	.11510	.07871	.23066
#1	111.23	1.0739	.93615	1.0598	270.75	.66957	1.1228
#2	111.27	1.0741	.93742	1.0581	271.19	.66883	1.1265

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75536	63.641	3.2884	.68796	1.0858	36.619	7.4250
SDev	.00131	.018	.0015	.00012	.0020	.056	.0038
%RSD	.17404	.02892	.04598	.01762	.18535	.15238	.05146
#1	.75444	63.628	3.2874	.68804	1.0844	36.658	7.4277
#2	.75629	63.654	3.2895	.68787	1.0873	36.579	7.4223

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43255	18.612	19.258	1.1440	.84267	.74989	1.2237
SDev	.00008	.029	.018	.0002	.00471	.00065	.0004
%RSD	.01768	.15398	.09329	.01988	.55944	.08699	.02909
#1	.43250	18.592	19.270	1.1441	.83934	.75035	1.2235
#2	.43261	18.633	19.245	1.1438	.84601	.74943	1.2240

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2449	1.8485	1.0723	1.1508	.74897	.75856
SDev	.0007	.0008	.0006	.0036	.00052	.00171
%RSD	.05242	.04397	.05816	.31103	.06873	.22602
#1	1.2444	1.8491	1.0719	1.1483	.74860	.75735

#2	1.2454	1.8479	1.0728	1.1534	.74933	.75978

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30956	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1142116	--	--	--	--	--	--
#1	30931	--	--	--	--	--	--
#2	30981	--	--	--	--	--	--

Analysis Report 01/25/12 04:00:03 PM page 1

Method: 20076010 Sample Name: 600-49129-b-7-a Operator: SRP
Run Time: 01/25/12 15:56:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	143.28	.00655	.14391	2.2288	.01102	.05373	.01613
SDev	.42	.00015	.00559	.0037	.00015	.00079	.00017
%RSD	.29222	2.3343	3.8845	.16710	1.3224	1.4653	1.0380
#1	143.58	.00644	.14787	2.2314	.01112	.05428	.01602
#2	142.99	.00666	.13996	2.2261	.01092	.05317	.01625

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1539.0	.22432	.11073	.12539	311.72	.12168	.14255
SDev	15.5	.00290	.00130	.00125	2.84	.00005	.00131
%RSD	1.0063	1.2916	1.1752	.99708	.90956	.04273	.91955
#1	1550.0	.22637	.11165	.12627	313.73	.12164	.14348
#2	1528.1	.22227	.10981	.12450	309.72	.12171	.14163

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02799	27.503	4.0853	.00575	.19442	23.985	8.9448
SDev	.00355	.231	.0340	.00047	.00064	.027	.0501
%RSD	12.676	.84118	.83264	8.1158	.33108	.11197	.55960
#1	-.02548	27.667	4.1094	.00608	.19487	23.966	8.9802
#2	-.03049	27.340	4.0613	.00542	.19396	24.004	8.9094

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	2.5633	2.8558	.54264	.00813	.03548	.29199
SDev	.00038	.0557	.0066	.00115	.00093	.00001	.00230
%RSD	13.953	2.1735	.22981	.21264	11.397	.03064	.78755
#1	-.00249	2.5239	2.8511	.54346	.00747	.03547	.29361
#2	-.00303	2.6027	2.8604	.54183	.00878	.03548	.29036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91984	.43632	.10891	.15937	-.02310	-.03043
SDev	.00687	.00420	.00771	.00582	.00321	.00693
%RSD	.74676	.96194	7.0822	3.6536	13.898	22.761

#1	.92469	.43929	.10346	.16349	-.02537	-.02553
#2	.91498	.43335	.11436	.15526	-.02083	-.03533

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28517	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0892655	--	--	--	--	--	--

Analysis Report 01/25/12 04:00:03 PM page 2

#1	28535	--	--	--	--	--
#2	28499	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49129-a-6-b Operator: SRP
Run Time: 01/25/12 16:00:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	166.04	.86326	.90936	1.7082	.42466	.94222	.42893
SDev	.04	.00291	.00056	.0013	.00148	.00244	.00158
%RSD	.02426	.33735	.06205	.07462	.34968	.25855	.36811
#1	166.02	.86120	.90896	1.7073	.42571	.94395	.43004
#2	166.07	.86531	.90976	1.7091	.42361	.94050	.42781

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.04	1.0674	.93685	1.0556	253.25	1.1198	1.0914
SDev	.36	.0036	.00328	.0014	.84	.0024	.0013
%RSD	.32305	.33409	.35042	.12961	.32992	.21528	.11822
#1	111.29	1.0699	.93917	1.0565	253.84	1.1181	1.0923
#2	110.78	1.0649	.93453	1.0546	252.66	1.1215	1.0905

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80697	60.969	3.0574	.85883	1.1136	34.110	7.7256
SDev	.00231	.210	.0079	.00057	.0033	.133	.0187
%RSD	.28626	.34474	.25925	.06660	.29257	.39049	.24193
#1	.80861	61.117	3.0630	.85843	1.1159	34.015	7.7388
#2	.80534	60.820	3.0517	.85924	1.1112	34.204	7.7124

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42888	17.978	18.974	1.1067	.85816	.89236	1.7628
SDev	.00157	.150	.052	.0008	.00311	.00701	.0020
%RSD	.36511	.83530	.27524	.07472	.36197	.78582	.11569
#1	.42999	18.084	18.937	1.1061	.86036	.89732	1.7643
#2	.42777	17.872	19.011	1.1073	.85597	.88740	1.7614

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.2611	1.8690	1.0438	1.1152	.79819	.81137
SDev	.0022	.0054	.0053	.0046	.01059	.00876
%RSD	.17356	.29073	.51020	.41231	1.3265	1.0795
#1	1.2627	1.8729	1.0400	1.1184	.79070	.81756
#2	1.2596	1.8652	1.0476	1.1119	.80568	.80517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 04:03:54 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30768	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.1953492	--	--	--	--	--	--
#1	30810	--	--	--	--	--	--
#2	30725	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49129-a-6-b@5 Operator: SRP
Run Time: 01/25/12 16:03:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.661	.00314	.01385	.21498	.00256	.02257	.00095
SDev	.073	.00121	.00017	.00016	.00001	.00030	.00016
%RSD	.18521	38.487	1.1956	.07432	.30812	1.3320	17.168
#1	39.610	.00400	.01373	.21487	.00256	.02278	.00083
#2	39.713	.00229	.01397	.21510	.00255	.02236	.00106

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.352	.05853	.02811	.04865	63.106	.04554	.06639
SDev	.230	.00029	.00050	.00004	.116	.00009	.00045
%RSD	.84265	.48861	1.7859	.08763	.18348	.19041	.67131
#1	27.189	.05874	.02847	.04862	63.188	.04547	.06607
#2	27.515	.05833	.02776	.04868	63.024	.04560	.06670

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00285	13.784	.58488	.00283	.07374	5.7202	1.7946
SDev	.00257	.031	.00125	.00106	.00102	.0019	.0037
%RSD	90.168	.22387	.21432	37.348	1.3785	.03340	.20889
#1	-.00467	13.806	.58576	.00357	.07302	5.7189	1.7972
#2	-.00103	13.762	.58399	.00208	.07446	5.7216	1.7919

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	2.0680	2.1099	.16843	.00235	.01078	.23381
SDev	.00009	.0100	.0091	.00003	.00505	.00070	.00046
%RSD	8.2424	.48351	.43227	.01834	214.95	6.4857	.19735
#1	-.00100	2.0750	2.1034	.16846	.00591	.01029	.23414
#2	-.00113	2.0609	2.1163	.16841	-.00122	.01128	.23349

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10688	.27442	.06107	.06904	-.00476	-.00189
SDev	.00047	.00002	.00078	.00106	.00205	.00283
%RSD	.44351	.00887	1.2740	1.5316	42.961	149.55
#1	.10722	.27444	.06162	.06830	-.00621	-.00389

#2	.10655	.27441	.06052	.06979	-.00332	.00011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28501	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0297719	--	--	--	--	--	--
#1	28495	--	--	--	--	--	--
#2	28507	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 16:07:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5010	.50352	.50245	.50228	.49986	.50097	.51637
SDev	.0051	.00030	.00471	.00079	.00061	.00100	.00131
%RSD	.20574	.05954	.93758	.15780	.12135	.19942	.25364
#1	2.4973	.50374	.49912	.50284	.49943	.50027	.51544
#2	2.5046	.50331	.50578	.50172	.50029	.50168	.51730

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.730	.49774	.50020	.49203	2.6027	.46897	.50687
SDev	.086	.00104	.00054	.00050	.0133	.00037	.00158
%RSD	.67701	.20903	.10881	.10127	.51042	.07815	.31184
#1	12.669	.49701	.49981	.49238	2.5933	.46923	.50575
#2	12.791	.49848	.50058	.49167	2.6121	.46871	.50798

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50575	5.0297	.49573	.51080	.50775	12.092	.95843
SDev	.00068	.0145	.00056	.00417	.00148	.002	.00182
%RSD	.13512	.28864	.11249	.81741	.29076	.01430	.18961
#1	.50624	5.0195	.49533	.50785	.50671	12.091	.95971
#2	.50527	5.0400	.49612	.51376	.50880	12.093	.95714

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24912	12.620	11.933	.25079	.51329	.52373	.50630
SDev	.00006	.024	.007	.00018	.00056	.00311	.00003
%RSD	.02193	.18956	.06267	.07381	.10895	.59409	.00505

#1	.24908	12.603	11.928	.25092	.51289	.52153	.50628
#2	.24916	12.637	11.939	.25066	.51369	.52593	.50632

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50211	.51797	.49980	.51040	.49759	.50989

Analysis Report Blank Sample 01/25/12 04:11:36 PM page 5

SDev	.00026	.00070	.00177	.00149	.00137	.00034
%RSD	.05096	.13467	.35311	.29164	.27592	.06641
#1	.50192	.51748	.49855	.50935	.49856	.51013
#2	.50229	.51847	.50104	.51145	.49662	.50965

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27692	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1685290	--	--	--	--	--	--
#1	27725	--	--	--	--	--	--
#2	27659	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 16:11:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01938	.00197	.00095	.00035	.00024	.00181	.00046
SDev	.00609	.00097	.00123	.00010	.00005	.00019	.00012
%RSD	31.435	49.207	130.73	28.442	19.394	10.447	26.738
#1	.01507	.00129	.00007	.00028	.00021	.00168	.00037
#2	.02369	.00266	.00182	.00042	.00027	.00194	.00055

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04601	.00016	.00068	-.00007	.02538	.00050	.00094
SDev	.01721	.00001	.00050	.00029	.01582	.00012	.00023
%RSD	37.400	3.1334	73.518	413.53	62.311	23.710	24.133
#1	.03384	.00016	.00033	-.00027	.01420	.00042	.00078
#2	.05818	.00017	.00103	.00013	.03656	.00059	.00111

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.02601	.00041	.00202	.00032	.08584	-.00082
SDev	.00255	.00592	.00017	.00046	.00015	.03154	.00133
%RSD	463.05	22.768	41.472	22.843	48.211	36.747	163.03
#1	-.00125	.02183	.00029	.00235	.00021	.06353	-.00176
#2	.00235	.03020	.00053	.00170	.00042	.10814	.00012

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.12654	.01513	.00022	.00328	.00081	.00041
SDev	.00042	.09152	.00337	.00005	.00050	.00166	.00019

%RSD	98.674	72.323	22.260	24.689	15.344	204.00	45.752
#1	.00013	.06183	.01275	.00018	.00293	.00199	.00028
#2	.00072	.19126	.01751	.00025	.00364	-.00036	.00054

Analysis Report Blank Sample 01/25/12 04:15:28 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00037	.00323	-.00020	.00184	-.00009
SDev	.00009	.00008	.00193	.00062	.00108	.00328
%RSD	107.49	21.264	59.655	315.78	58.805	3514.9
#1	.00015	.00032	.00187	.00024	.00107	-.00241
#2	.00002	.00043	.00459	-.00064	.00260	.00223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27894	--	--	--	--	--	--
SDev	267.2864	--	--	--	--	--	--
%RSD	.9582217	--	--	--	--	--	--
#1	28083	--	--	--	--	--	--
#2	27705	--	--	--	--	--	--

Analysis Report 01/25/12 04:20:09 PM page 1

Method: 20076010 Sample Name: mb 600-70836/1-a Operator: SRP
Run Time: 01/25/12 16:16:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00726	-.00044	-.00037	.00129	.00002	.00047	.00027
SDev	.00400	.00174	.00114	.00015	.00014	.00052	.00010
%RSD	55.135	396.39	309.42	12.009	761.95	109.06	38.402
#1	.00443	.00079	.00044	.00118	-.00008	.00084	.00019
#2	.01009	-.00167	-.00117	.00140	.00011	.00011	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04269	-.00016	.00059	.01367	.02997	.00026	.00155
SDev	.02622	.00005	.00013	.00005	.00606	.00009	.00026
%RSD	61.419	31.554	21.412	.39265	20.218	34.306	16.557
#1	.02415	-.00019	.00050	.01371	.03426	.00020	.00137
#2	.06124	-.00012	.00068	.01363	.02569	.00032	.00173

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.01364	.00035	-.00006	.00052	.05525	-.00035
SDev	.00106	.00196	.00014	.00048	.00004	.01373	.00067
%RSD	703.82	14.370	39.149	814.35	8.3878	24.848	190.66
#1	.00090	.01503	.00025	.00028	.00049	.06496	.00012
#2	-.00060	.01226	.00045	-.00040	.00055	.04555	-.00082

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.12707	.05487	.00013	.00150	.00299	.00023
SDev	.00021	.00351	.00201	.00007	.00085	.00026	.00026
%RSD	76.023	2.7612	3.6695	54.204	56.567	8.7933	115.22
#1	.00042	.12458	.05344	.00008	.00209	.00280	.00004
#2	.00013	.12955	.05629	.00018	.00090	.00317	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.04739	.00276	.00095	-.00155	.00100
SDev	.00027	.00007	.00142	.00110	.00206	.00057
%RSD	428.04	.13949	51.666	115.61	132.60	56.637
#1	.00025	.04734	.00376	.00017	-.00010	.00140
#2	-.00013	.04744	.00175	.00173	-.00300	.00060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28011	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1262195	--	--	--	--	--	--

#1	27986	--	--	--	--	--	--
#2	28036	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70836/2-a Operator: SRP
Run Time: 01/25/12 16:20:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9247	1.0129	1.0213	1.0240	.50559	1.0231	.52026
SDev	.0328	.0037	.0068	.0037	.00169	.0004	.00190
%RSD	.33008	.36126	.66249	.35656	.33467	.03551	.36576
#1	9.9479	1.0155	1.0260	1.0266	.50679	1.0234	.52161
#2	9.9016	1.0103	1.0165	1.0214	.50440	1.0228	.51892

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.249	1.0047	1.0132	1.0057	10.341	.47180	1.0217
SDev	.036	.0045	.0032	.0042	.047	.00164	.0044
%RSD	.34988	.44526	.31322	.41674	.45142	.34684	.42790
#1	10.274	1.0079	1.0155	1.0087	10.374	.47296	1.0248
#2	10.223	1.0015	1.0110	1.0028	10.308	.47065	1.0186

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0207	10.090	1.0035	1.0302	1.0176	9.8742	.95110
SDev	.0017	.031	.0035	.0009	.0079	.0436	.00426
%RSD	.16357	.30467	.35221	.08846	.77418	.44112	.44753

#1	1.0219	10.112	1.0060	1.0295	1.0232	9.9050	.95410
#2	1.0195	10.069	1.0010	1.0308	1.0120	9.8434	.94809

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50841	9.8313	9.8151	.51174	1.0442	1.0219	1.0170
SDev	.00118	.2040	.0254	.00221	.0019	.0041	.0037
%RSD	.23233	2.0746	.25877	.43187	.18108	.39991	.36711

#1	.50924	9.9756	9.8331	.51330	1.0429	1.0248	1.0197
#2	.50757	9.6871	9.7971	.51018	1.0456	1.0190	1.0144

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0151	1.0705	1.0023	1.0315	1.0113	1.0254
SDev	.0037	.0038	.0091	.0020	.0034	.0008
%RSD	.36842	.35102	.90972	.19381	.33955	.07678

#1	1.0178	1.0732	1.0087	1.0329	1.0137	1.0260
#2	1.0125	1.0679	.99581	1.0300	1.0089	1.0249

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 04:24:00 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27688	--	--	--	--	--	--
SDev	34.64823	--	--	--	--	--	--
%RSD	.1251403	--	--	--	--	--	--

#1	27663	--	--	--	--	--	--
#2	27712	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70806/1-b Operator: SRP
Run Time: 01/25/12 16:24:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01991	.00182	.00225	.00494	-.00016	.00895	.00017
SDev	.00063	.00118	.00121	.00004	.00003	.00025	.00010
%RSD	3.1645	65.122	53.902	.81760	18.905	2.8069	60.984

#1	.01946	.00098	.00311	.00497	-.00014	.00878	.00010
#2	.02036	.00265	.00139	.00491	-.00019	.00913	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18351	.00008	.00036	.00827	.00591	.00025	.00065
SDev	.00113	.00033	.00052	.00022	.00809	.00002	.00086
%RSD	.61360	395.37	142.48	2.7100	136.94	6.9240	132.30

#1	.18271	-.00015	-.00000	.00811	.00019	.00026	.00126
#2	.18430	.00032	.00073	.00842	.01163	.00024	.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00215	.02503	.00044	.00246	.00067	.07493	.01225
SDev	.00032	.00206	.00003	.00214	.00000	.00114	.00049
%RSD	14.966	8.2300	6.1127	87.006	.02092	1.5216	4.0217
#1	.00238	.02648	.00046	.00398	.00067	.07573	.01260
#2	.00192	.02357	.00042	.00095	.00067	.07412	.01190

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	169.73	129.99	.00049	.00394	.00318	.00026
SDev	.00034	.49	.30	.00000	.00442	.00008	.00003
%RSD	254.53	.28590	.22785	.85247	111.98	2.4741	11.229
#1	-.00011	170.07	130.20	.00049	.00707	.00324	.00028
#2	.00037	169.39	129.78	.00049	.00082	.00312	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.02985	.00173	.00011	.00001	.00322
SDev	.00002	.00008	.00248	.00005	.00192	.00144
%RSD	6.7568	.27321	143.45	44.577	15677.	44.775
#1	.00030	.02979	.00348	.00014	-.00134	.00424

#2	.00027	.02991	-.00002	.00008	.00137	.00220

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27264	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2230457	--	--	--	--	--	--
#1	27307	--	--	--	--	--	--
#2	27221	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49190-a-1-c Operator: SRP
Run Time: 01/25/12 16:27:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01740	-.00119	.00165	.07900	-.00020	.01240	.00027
SDev	.00386	.00152	.00054	.00015	.00001	.00131	.00003
%RSD	22.195	127.70	32.522	.19341	2.4921	10.573	11.614
#1	.01467	-.00227	.00204	.07910	-.00021	.01148	.00029
#2	.02013	-.00012	.00127	.07889	-.00020	.01333	.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.768	.00097	.00112	.00154	.03493	.00080	.00111
SDev	.327	.00011	.00004	.00026	.00261	.00008	.00052
%RSD	.51304	11.198	3.8983	16.551	7.4686	10.340	46.429
#1	63.537	.00090	.00115	.00136	.03677	.00074	.00147
#2	64.000	.00105	.00109	.00172	.03309	.00085	.00075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.97142	.16630	.00112	.00304	.56981	1.5257
SDev	.00118	.00617	.00050	.00018	.00027	.03028	.0038
%RSD	74.085	.63477	.30262	16.187	8.7432	5.3137	.24612
#1	.00076	.96706	.16594	.00099	.00323	.54840	1.5230
#2	.00242	.97578	.16666	.00124	.00285	.59122	1.5283

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	146.21	115.54	.09735	.00101	.00394	-.00023
SDev	.00031	.02	.07	.00011	.00078	.00141	.00002
%RSD	57.037	.01119	.06007	.11158	77.713	35.692	8.3790
#1	.00076	146.23	115.49	.09742	.00156	.00295	-.00022
#2	.00032	146.20	115.59	.09727	.00045	.00493	-.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	.03065	.00425	-.00046	-.00159	.00317

SDev	.00020	.00015	.00199	.00022	.00144	.00249
%RSD	8.4026	.49004	46.872	48.474	91.052	78.323
#1	.00219	.03055	.00566	-.00062	-.00056	.00142
#2	.00247	.03076	.00284	-.00030	-.00261	.00493

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27134	--	--	--	--	--	--
SDev	132.9361	--	--	--	--	--	--
%RSD	.4899244	--	--	--	--	--	--
#1	27228	--	--	--	--	--	--
#2	27040	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49190-a-1-d ms Operator: SRP
Run Time: 01/25/12 16:31:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.187	1.0363	1.0466	1.0867	.51015	1.0597	.51772
SDev	.020	.0008	.0044	.0003	.00013	.0002	.00009
%RSD	.19915	.08127	.42288	.02833	.02578	.01503	.01654
#1	10.173	1.0369	1.0435	1.0869	.51024	1.0598	.51778
#2	10.201	1.0357	1.0497	1.0865	.51005	1.0596	.51766

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.126	1.0023	1.0114	1.0071	10.252	.53206	1.0269
SDev	.039	.0008	.0013	.0008	.024	.00028	.0009
%RSD	.05294	.07676	.12368	.08262	.23676	.05345	.09233
#1	74.098	1.0017	1.0105	1.0065	10.269	.53186	1.0275

#2	74.153	1.0028	1.0122	1.0077	10.234	.53226	1.0262

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0625	10.961	1.1611	1.0464	1.0078	12.874	2.5771
SDev	.0018	.018	.0000	.0041	.0076	.009	.0080
%RSD	.17285	.16301	.00380	.39154	.75213	.06778	.30884
#1	1.0612	10.949	1.1612	1.0435	1.0131	12.880	2.5715
#2	1.0638	10.974	1.1611	1.0493	1.0024	12.868	2.5827

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51416	159.08	125.14	.60410	1.0669	1.0463	1.0182
SDev	.00066	.22	.15	.00023	.0101	.0012	.0003
%RSD	.12854	.14114	.12266	.03834	.94987	.11448	.02470
#1	.51370	158.92	125.03	.60426	1.0597	1.0455	1.0183
#2	.51463	159.24	125.25	.60393	1.0740	1.0472	1.0180

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0236	1.0839	1.0076	1.0365	1.0531	1.0673
SDev	.0004	.0005	.0028	.0000	.0064	.0059
%RSD	.03825	.04391	.28029	.00097	.60386	.55606
#1	1.0238	1.0836	1.0096	1.0365	1.0576	1.0631
#2	1.0233	1.0843	1.0056	1.0365	1.0486	1.0715

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27369	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1705179	--	--	--	--	--	--
#1	27402	--	--	--	--	--	--
#2	27336	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49190-a-1-e msd Operator: SRP
Run Time: 01/25/12 16:35:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.140	1.0272	1.0333	1.0837	.49946	1.0489	.50537
SDev	.123	.0111	.0139	.0148	.00624	.0138	.00656
%RSD	1.2145	1.0854	1.3462	1.3674	1.2504	1.3155	1.2983
#1	10.227	1.0350	1.0431	1.0941	.50387	1.0587	.51001
#2	10.053	1.0193	1.0235	1.0732	.49504	1.0392	.50073

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.353	.98116	.99059	1.0022	10.038	.53274	1.0060
SDev	.845	.01292	.01269	.0138	.130	.00728	.0126
%RSD	1.1678	1.3167	1.2809	1.3798	1.2948	1.3658	1.2545

#1	72.950	.99030	.99956	1.0120	10.129	.53788	1.0149
#2	71.755	.97203	.98162	.99241	9.9457	.52759	.99706

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0517	10.741	1.1382	1.0336	.97093	12.860	2.5502
SDev	.0085	.133	.0139	.0115	.01056	.167	.0321
%RSD	.81085	1.2352	1.2221	1.1131	1.0877	1.2959	1.2588

#1	1.0577	10.834	1.1481	1.0418	.97840	12.977	2.5729
#2	1.0457	10.647	1.1284	1.0255	.96346	12.742	2.5275

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50799	158.59	125.12	.60081	1.0532	1.0235	1.0070
SDev	.00727	2.07	1.38	.00796	.0172	.0109	.0136

%RSD	1.4320	1.3035	1.1063	1.3251	1.6348	1.0686	1.3513

#1	.51313	160.05	126.10	.60644	1.0654	1.0312	1.0166
#2	.50285	157.13	124.14	.59518	1.0411	1.0158	.99739

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0072	1.0619	.98482	1.0166	1.0448	1.0551
SDev	.0132	.0127	.01079	.0135	.0080	.0088
%RSD	1.3102	1.1984	1.0955	1.3315	.76457	.83377

#1	1.0166	1.0709	.99245	1.0261	1.0505	1.0614
#2	.99791	1.0529	.97719	1.0070	1.0392	1.0489

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27320	--	--	--	--	--	--
SDev	183.1407	--	--	--	--	--	--
%RSD	.6703415	--	--	--	--	--	--

#1	27191	--	--	--	--	--	--
#2	27450	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-b-9-b Operator: SRP
Run Time: 01/25/12 16:39:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78280	.00068	.00311	.01420	-.00011	.06519	.00089
SDev	.00309	.00109	.00234	.00004	.00003	.00070	.00025
%RSD	.39441	161.30	75.422	.28166	24.354	1.0672	27.936

#1	.78062	.00145	.00477	.01418	-.00009	.06568	.00107
#2	.78499	-.00010	.00145	.01423	-.00013	.06469	.00071

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.038	.00082	.00076	.00415	.68934	.00585	.08052

SDev	.033	.00003	.00055	.00032	.01826	.00002	.00034
%RSD	.29552	3.5481	72.408	7.6306	2.6487	.35594	.42312
#1	11.061	.00080	.00115	.00392	.70225	.00584	.08028
#2	11.015	.00084	.00037	.00437	.67643	.00587	.08076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00531	.93022	.05672	.00410	.00121	1.7727	1.7258
SDev	.00123	.00109	.00019	.00207	.00011	.0187	.0027
%RSD	23.171	.11684	.34287	50.541	9.2696	1.0526	.15891
#1	.00444	.92945	.05686	.00556	.00129	1.7595	1.7278
#2	.00618	.93099	.05658	.00263	.00113	1.7859	1.7239

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	29.255	26.411	.10016	.00462	.00195	.02881
SDev	.00058	.232	.258	.00001	.00377	.00083	.00038
%RSD	101.30	.79387	.97838	.01379	81.710	42.596	1.3299
#1	.00098	29.090	26.228	.10015	.00728	.00136	.02908
#2	.00016	29.419	26.594	.10017	.00195	.00253	.02854

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	.01974	.08127	.08014	.00797	.00398
SDev	.00016	.00007	.00026	.00064	.00203	.00083
%RSD	8.5666	.36697	.31790	.79889	25.519	20.823
#1	.00181	.01979	.08145	.07969	.00653	.00340
#2	.00205	.01969	.08109	.08060	.00940	.00457

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27705	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.3420044	--	--	--	--	--	--
#1	27772	--	--	--	--	--	--
#2	27638	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49145-a-4-d Operator: SRP
Run Time: 01/25/12 16:43:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02297	.00051	.00356	.03895	-.00015	.03433	.00006
SDev	.00236	.00017	.00037	.00010	.00002	.00043	.00004
%RSD	10.284	32.647	10.503	.24764	13.584	1.2518	62.953
#1	.02130	.00063	.00383	.03902	-.00016	.03464	.00003
#2	.02464	.00039	.00330	.03889	-.00013	.03403	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.923	-.00015	.00133	.00341	.75186	.00108	.00093
SDev	.232	.00010	.00009	.00002	.01704	.00007	.00066
%RSD	1.1065	65.678	6.3975	.52928	2.2663	6.1793	70.594
#1	21.087	-.00008	.00139	.00340	.76391	.00113	.00139
#2	20.760	-.00023	.00127	.00342	.73981	.00104	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	1.4850	.06286	.00076	.00148	2.0365	.69768
SDev	.00130	.0210	.00075	.00028	.00040	.0374	.00283
%RSD	320.48	1.4143	1.1893	36.477	26.851	1.8366	.40618

#1	.00133	1.4998	.06339	.00057	.00176	2.0630	.69568
#2	-.00051	1.4701	.06233	.00096	.00120	2.0101	.69968

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	139.75	110.59	.06568	.00045	.00211	.00004
SDev	.00023	.66	.65	.00028	.00280	.00155	.00003
%RSD	77.107	.47290	.58494	.42007	619.32	73.621	86.197
#1	-.00014	140.21	111.05	.06587	-.00153	.00101	.00002
#2	-.00047	139.28	110.13	.06548	.00243	.00321	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.02017	.00164	.00058	.00174	-.00026
SDev	.00009	.00011	.00103	.00047	.00574	.00092
%RSD	13.228	.53823	62.642	81.846	329.80	351.53
#1	.00076	.02024	.00236	.00091	.00580	-.00091
#2	.00063	.02009	.00091	.00024	-.00232	.00039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27808	--	--	--	--	--	--
SDev	195.8686	--	--	--	--	--	--
%RSD	.7043732	--	--	--	--	--	--
#1	27669	--	--	--	--	--	--
#2	27946	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49245-c-1-b Operator: SRP
Run Time: 01/25/12 16:47:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02821	-.00026	.00187	.05107	-.00021	.01249	.00010
SDev	.00504	.00132	.00177	.00009	.00001	.00073	.00025
%RSD	17.877	506.14	94.834	.17768	6.6533	5.8605	248.00
#1	.03177	.00067	.00312	.05113	-.00020	.01300	.00028
#2	.02464	-.00120	.00061	.05100	-.00022	.01197	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.252	-.00051	.00057	.00032	.03446	.00062	.00046
SDev	.293	.00041	.00065	.00057	.03208	.00003	.00016
%RSD	.50222	79.988	112.97	181.35	93.088	5.5776	36.004
#1	58.459	-.00022	.00103	.00072	.05714	.00064	.00058
#2	58.045	-.00080	.00012	-.00009	.01178	.00060	.00034

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	3.2813	.09166	.00037	.00092	.16463	.34069
SDev	.00062	.0176	.00018	.00012	.00038	.01591	.00499
%RSD	1282.1	.53757	.19512	31.062	40.634	9.6654	1.4646
#1	.00049	3.2937	.09178	.00029	.00119	.17588	.34422
#2	-.00039	3.2688	.09153	.00045	.00066	.15338	.33716

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	166.25	128.98	.08599	-.00028	.00298	.00000
SDev	.00071	.29	.13	.00003	.00115	.00042	.00016
%RSD	405.96	.17277	.10132	.03075	405.05	13.988	4039.1
#1	.00068	166.45	129.07	.08597	.00053	.00268	.00012
#2	-.00033	166.04	128.88	.08601	-.00110	.00327	-.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.01054	.00405	-.00134	.00040	-.00013
SDev	.00036	.00011	.00199	.00075	.00334	.00074
%RSD	148.26	1.0721	49.041	55.734	827.85	571.38
#1	.00001	.01062	.00546	-.00187	.00277	-.00065
#2	-.00050	.01046	.00265	-.00081	-.00196	.00039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27176	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1951429	--	--	--	--	--	--
#1	27139	--	--	--	--	--	--
#2	27214	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49265-a-1-c Operator: SRP
Run Time: 01/25/12 16:51:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22365	.74790	.01277	.02077	-.00013	.00811	-.00011
SDev	.00024	.00230	.00251	.00005	.00001	.00024	.00023
%RSD	.10574	.30769	19.680	.22977	9.5760	2.9660	221.06

#1	.22348	.74953	.01455	.02081	-.00012	.00828	.00006
#2	.22381	.74628	.01099	.02074	-.00014	.00794	-.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70495	-.00017	.00045	.00044	.14685	.00381	.00133
SDev	.00550	.00013	.00039	.00020	.02750	.00000	.00036
%RSD	.78013	76.313	86.754	46.318	18.729	.10364	27.088

Analysis Report 01/25/12 04:54:49 PM page 11

#1	.70884	-.00026	.00072	.00029	.16630	.00382	.00159
#2	.70106	-.00008	.00017	.00058	.12740	.00381	.00108

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	2.6001	.00654	.00050	.00571	3.4341	.23808
SDev	.00126	.0120	.00005	.00006	.00010	.0139	.00034
%RSD	197.12	.45962	.70804	11.902	1.7452	.40363	.14279

#1	.00153	2.6086	.00657	.00045	.00578	3.4439	.23832
#2	-.00025	2.5917	.00651	.00054	.00564	3.4243	.23784

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	171.22	131.67	.00628	-.00033	.00185	.00057
SDev	.00040	1.03	.52	.00001	.00016	.00042	.00002
%RSD	393.82	.60300	.39774	.07670	48.602	22.847	3.5771

#1	.00018	171.95	132.04	.00628	-.00022	.00155	.00058
#2	-.00039	170.49	131.30	.00629	-.00045	.00215	.00056

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10175	.00908	.00067	.00166	-.00105	.00148
SDev	.00021	.00003	.00210	.00051	.00293	.00042
%RSD	.20436	.34593	311.13	30.625	280.27	28.433

#1	.10190	.00910	.00216	.00130	.00103	.00178
#2	.10161	.00906	-.00081	.00202	-.00312	.00118

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27179	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1508966	--	--	--	--	--	--

#1	27208	--	--	--	--	--	--
#2	27150	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 16:54:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.4907	.50787	.50507	.50405	.50238	.50461	.52251
SDev	.0056	.00379	.00440	.00044	.00272	.00232	.00367
%RSD	.22446	.74620	.87049	.08829	.54079	.46039	.70238
#1	2.4946	.51055	.50818	.50374	.50430	.50625	.52510
#2	2.4867	.50519	.50196	.50437	.50045	.50297	.51991

Analysis Report Blank Sample 01/25/12 04:58:40 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.816	.50133	.50281	.49208	2.6263	.46928	.51083
SDev	.098	.00255	.00332	.00078	.0420	.00008	.00326
%RSD	.76654	.50775	.66049	.15902	1.5975	.01737	.63813
#1	12.886	.50313	.50516	.49152	2.6560	.46934	.51313
#2	12.747	.49953	.50046	.49263	2.5967	.46922	.50852

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50957	5.0572	.49996	.51240	.49052	12.114	.94820
SDev	.00453	.0384	.00282	.00084	.00267	.006	.00322
%RSD	.88804	.75904	.56444	.16362	.54486	.05276	.33977
#1	.51277	5.0843	.50196	.51299	.49241	12.119	.95048
#2	.50637	5.0300	.49797	.51181	.48863	12.110	.94593

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25024	12.534	11.902	.25251	.51835	.53332	.50909
SDev	.00087	.125	.009	.00003	.00373	.00167	.00105
%RSD	.34738	.99984	.07488	.01271	.71894	.31222	.20588
#1	.25085	12.623	11.908	.25249	.52098	.53449	.50983
#2	.24962	12.446	11.896	.25253	.51571	.53214	.50835

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50559	.52426	.50095	.51576	.50593	.51145
SDev	.00165	.00248	.00539	.00219	.00898	.00230
%RSD	.32644	.47217	1.0762	.42536	1.7743	.44965
#1	.50675	.52601	.50476	.51732	.51228	.51308
#2	.50442	.52251	.49714	.51421	.49958	.50982

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27390	--	--	--	--	--	--
SDev	193.0402	--	--	--	--	--	--
%RSD	.7047962	--	--	--	--	--	--
#1	27253	--	--	--	--	--	--
#2	27526	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 16:58:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02206	.00176	.00103	.00030	.00015	.00125	.00032
SDev	.00067	.00049	.00014	.00003	.00005	.00010	.00008

%RSD	3.0333	27.975	13.114	9.3433	33.239	7.9110	24.158
#1	.02254	.00211	.00113	.00028	.00012	.00132	.00026
#2	.02159	.00142	.00094	.00032	.00019	.00118	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02696	-.00003	.00079	-.00042	.01975	.00046	.00033
SDev	.00163	.00023	.00026	.00016	.00058	.00009	.00051
%RSD	6.0573	819.78	32.240	37.098	2.9583	20.140	157.01
#1	.02580	.00013	.00061	-.00031	.02017	.00039	-.00004
#2	.02811	-.00019	.00097	-.00053	.01934	.00053	.00069

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.02401	.00030	.00132	.00086	.07629	-.00513
SDev	.00361	.00462	.00000	.00049	.00021	.02189	.00101
%RSD	102.49	19.243	.34580	36.676	24.695	28.695	19.660
#1	.00607	.02074	.00030	.00167	.00071	.06081	-.00441
#2	.00097	.02728	.00030	.00098	.00101	.09177	-.00584

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.13445	.01611	.00018	.00183	.00338	.00027
SDev	.00015	.07807	.00257	.00001	.00483	.00010	.00006
%RSD	42.923	58.064	15.980	3.9113	262.97	2.8632	21.441
#1	.00025	.07925	.01429	.00018	.00525	.00345	.00031
#2	.00046	.18965	.01793	.00019	-.00158	.00331	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00023	.00476	-.00189	.00385	.00336
SDev	.00009	.00013	.00409	.00127	.00096	.00589
%RSD	41.328	54.859	85.744	67.308	24.953	175.57
#1	.00015	.00014	.00188	-.00099	.00317	.00753
#2	.00027	.00032	.00765	-.00279	.00453	-.00081

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27494	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2829044	--	--	--	--	--	--
#1	27549	--	--	--	--	--	--
#2	27439	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-8-b Operator: SRP

Run Time: 01/25/12 17:02:35
Comment: TRACE 61E

Analysis Report 01/25/12 05:06:23 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05441	.00084	.00151	.04980	-.00021	.01328	.00046
SDev	.00246	.00046	.00281	.00006	.00009	.00016	.00009
%RSD	4.5235	54.714	186.41	.11978	40.448	1.1716	20.163
#1	.05615	.00116	.00349	.04976	-.00027	.01339	.00052
#2	.05267	.00051	-.00048	.04984	-.00015	.01317	.00039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.687	.00007	.00044	.00711	.04682	.00197	.00226
SDev	.541	.00037	.00039	.00016	.01596	.00001	.00083
%RSD	.63907	492.24	88.499	2.3183	34.097	.34242	36.770
#1	85.070	.00033	.00072	.00723	.05811	.00198	.00167
#2	84.304	-.00018	.00016	.00700	.03553	.00197	.00284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	1.2925	.02274	.00052	.00101	1.7255	.47629
SDev	.00403	.0129	.00014	.00026	.00050	.0240	.00850
%RSD	421.93	.99904	.61963	50.087	49.246	1.3928	1.7835
#1	.00189	1.3017	.02284	.00034	.00066	1.7425	.48229
#2	-.00380	1.2834	.02264	.00071	.00136	1.7085	.47028

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	170.52	132.38	.28395	-.00039	.00284	.00066
SDev	.00050	.04	.23	.00009	.00083	.00033	.00022
%RSD	99.962	.02233	.17736	.03285	209.89	11.689	33.918
#1	.00085	170.55	132.55	.28389	.00019	.00308	.00082
#2	.00015	170.50	132.22	.28402	-.00098	.00261	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.02227	.00510	.00083	.00024	-.00155
SDev	.00028	.00000	.00027	.00111	.00379	.00415
%RSD	32.449	.01970	5.2352	133.24	1574.1	267.10
#1	.00106	.02228	.00491	.00005	.00292	.00138
#2	.00066	.02227	.00529	.00162	-.00244	-.00448

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26799	--	--	--	--	--	--
SDev	165.4630	--	--	--	--	--	--
%RSD	.6174222	--	--	--	--	--	--
#1	26682	--	--	--	--	--	--

#2	26916	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49263-b-1-b Operator: SRP
Run Time: 01/25/12 17:06:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09206	.00041	.00014	.13481	-.00020	.00941	.00085
SDev	.00221	.00095	.00095	.00009	.00001	.00050	.00006
%RSD	2.4004	231.14	674.67	.06956	4.8684	5.3314	7.3681
#1	.09362	-.00026	-.00053	.13475	-.00020	.00906	.00081
#2	.09049	.00109	.00081	.13488	-.00019	.00977	.00090

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.283	-.00026	.00045	.00055	.06521	.00075	.00021
SDev	.102	.00005	.00013	.00029	.00580	.00002	.00012
%RSD	.13873	19.905	28.487	52.602	8.8931	3.1194	56.126
#1	73.355	-.00029	.00036	.00076	.06931	.00073	.00029
#2	73.211	-.00022	.00054	.00035	.06111	.00076	.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	2.0206	.13415	.00091	.00072	.48474	.38112
SDev	.00123	.0058	.00013	.00017	.00005	.00284	.00187
%RSD	191.20	.28552	.09797	19.020	7.4351	.58549	.48991
#1	.00152	2.0165	.13424	.00103	.00076	.48273	.38244
#2	-.00023	2.0246	.13405	.00079	.00068	.48675	.37980

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	172.43	132.95	.12819	-.00156	.00261	.00370
SDev	.00019	.30	.15	.00014	.00262	.00195	.00260
%RSD	57.077	.17254	.11060	.10665	167.92	74.987	70.279
#1	.00046	172.64	133.05	.12810	-.00342	.00399	.00186
#2	.00019	172.22	132.84	.12829	.00029	.00122	.00555

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	2.5172	.00423	-.00180	.00459	-.00132
SDev	.00009	.0000	.00018	.00027	.00212	.00080
%RSD	19.473	.00009	4.1897	14.769	46.094	60.082
#1	.00053	2.5172	.00411	-.00161	.00608	-.00076
#2	.00040	2.5172	.00436	-.00199	.00309	-.00189

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27160	--	--	--	--	--	--

SDev	59.39697	--	--	--	--	--	--
%RSD	.2186928	--	--	--	--	--	--
#1	27202	--	--	--	--	--	--
#2	27118	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70807/1-b Operator: SRP
Run Time: 01/25/12 17:10:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01136	-.00021	.00094	.00307	-.00012	.00790	.00018
SDev	.00134	.00050	.00114	.00001	.00002	.00015	.00014
%RSD	11.829	236.31	121.64	.24948	14.296	1.8482	80.825
#1	.01231	-.00057	.00013	.00308	-.00011	.00779	.00028
#2	.01041	.00014	.00175	.00307	-.00013	.00800	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11321	.00009	.00083	.00142	.03929	.00007	.00059
SDev	.00054	.00010	.00113	.00006	.03955	.00001	.00099
%RSD	.48022	111.39	136.72	4.5632	100.66	15.619	166.90
#1	.11359	.00002	.00163	.00146	.06725	.00008	.00129
#2	.11282	.00016	.00003	.00137	.01132	.00006	-.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.01194	.00004	.00290	.00037	.00414	.00722
SDev	.00059	.00082	.00008	.00093	.00108	.00793	.00133
%RSD	133.61	6.8369	212.32	32.142	290.80	191.47	18.454
#1	.00002	.01251	-.00002	.00356	.00114	.00974	.00816
#2	.00086	.01136	.00010	.00224	-.00039	-.00147	.00628

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	1.2422	.87622	.00005	.00099	.00459	.00020
SDev	.00102	.2282	.00528	.00000	.00357	.00102	.00002
%RSD	89.082	18.369	.60314	.13356	361.19	22.210	12.347
#1	.00187	1.4035	.87996	.00005	.00351	.00531	.00021
#2	.00042	1.0808	.87248	.00005	-.00154	.00387	.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00482	.01007	-.00414	.00806	-.00337
SDev	.00018	.00012	.00927	.00315	.01188	.00682
%RSD	45.930	2.4092	92.053	75.964	147.35	202.55
#1	.00053	.00474	.01662	-.00637	.01646	-.00819
#2	.00027	.00490	.00351	-.00192	-.00034	.00146

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28010	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0378665	--	--	--	--	--	--
#1	28018	--	--	--	--	--	--
#2	28003	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48846-b-1-m Operator: SRP
Run Time: 01/25/12 17:14:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11976	.00315	.00060	.04269	-.00020	15.562	.00300
SDev	.00067	.00085	.00059	.00011	.00003	.025	.00006
%RSD	.55866	26.923	98.307	.24526	15.541	.16025	1.9810
#1	.12023	.00255	.00102	.04277	-.00018	15.579	.00304
#2	.11929	.00375	.00018	.04262	-.00022	15.544	.00296

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	137.65	.00065	.00400	1.2237	.17275	.00286	.00246
SDev	.22	.00000	.00013	.0024	.00269	.00003	.00008
%RSD	.15943	.06949	3.2805	.19407	1.5557	.92984	3.1565
#1	137.80	.00065	.00410	1.2253	.17465	.00284	.00241
#2	137.49	.00065	.00391	1.2220	.17085	.00288	.00252

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	1.9750	1.4856	.00963	.00860	1.2852	3.4297
SDev	.00052	.0056	.0030	.00023	.00003	.0015	.0041
%RSD	65.806	.28142	.20133	2.3827	.37600	.12002	.11929
#1	.00042	1.9790	1.4877	.00947	.00858	1.2863	3.4326
#2	.00116	1.9711	1.4835	.00980	.00863	1.2841	3.4268

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	49.991	44.350	1.0702	-.00321	.00308	-.00049
SDev	.00019	.115	.097	.0030	.00177	.00034	.00004
%RSD	34.195	.23066	.21914	.28468	55.004	10.952	7.7366
#1	.00041	50.072	44.419	1.0723	-.00196	.00284	-.00052
#2	.00068	49.909	44.281	1.0680	-.00446	.00332	-.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	21.671	.00521	.00108	.00232	.00002
SDev	.00000	.014	.00093	.00058	.00054	.00105
%RSD	.16809	.06601	17.855	53.649	23.285	4612.9

Analysis Report 01/25/12 05:17:56 PM page 18

#1	.00100	21.681	.00587	.00067	.00270	-.00072
#2	.00100	21.661	.00455	.00150	.00194	.00076

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27066	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0444121	--	--	--	--	--	--
#1	27058	--	--	--	--	--	--
#2	27075	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49279-a-1-b Operator: SRP
Run Time: 01/25/12 17:17:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02783	.00189	.00167	.63466	-.00020	.07201	.00024
SDev	.00317	.00263	.00073	.00160	.00000	.01023	.00020
%RSD	11.411	139.09	43.949	.25135	.27938	14.201	82.674
#1	.03007	.00003	.00218	.63353	-.00019	.07924	.00038
#2	.02558	.00375	.00115	.63579	-.00020	.06478	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	287.54	.00107	.00057	.00674	.04879	.00700	.00649
SDev	2.03	.00007	.00065	.00011	.03082	.00003	.00014
%RSD	.70493	6.6680	114.34	1.6062	63.158	.48884	2.2101
#1	286.11	.00102	.00103	.00681	.07058	.00698	.00639
#2	288.97	.00112	.00011	.00666	.02700	.00702	.00660

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00216	.05280	.00287	.00519	.00033	2.2046	.04126
SDev	.00085	.00224	.00002	.00026	.00056	.0110	.00019
%RSD	39.237	4.2345	.57608	4.9298	168.87	.49727	.46873
#1	.00156	.05122	.00285	.00537	.00073	2.1968	.04140
#2	.00276	.05439	.00288	.00501	-.00006	2.2123	.04112

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	18.187	17.526	.27927	-.00262	.00241	.00017
SDev	.00087	.125	.067	.00096	.00243	.00054	.00009
%RSD	81.258	.68824	.38141	.34384	92.451	22.238	54.579
#1	.00169	18.099	17.479	.27859	-.00434	.00279	.00023
#2	.00046	18.276	17.573	.27995	-.00091	.00203	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.06198	.01294	.00327	.00031	.00308
SDev	.00018	.00020	.00098	.00071	.00102	.00076

%RSD	90.809	.32891	7.6015	21.601	325.64	24.708
#1	-.00033	.06212	.01363	.00277	-.00041	.00254
#2	-.00007	.06184	.01224	.00377	.00103	.00362

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26982	--	--	--	--	--	--
SDev	108.8945	--	--	--	--	--	--
%RSD	.4035818	--	--	--	--	--	--
#1	26905	--	--	--	--	--	--
#2	27059	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49190-a-1-c Operator: SRP
Run Time: 01/25/12 17:21:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.355	1.0266	1.0591	1.1121	.50402	1.0767	.52139
SDev	.031	.0035	.0108	.0040	.00277	.0065	.00262
%RSD	.30226	.34084	1.0216	.35679	.54931	.60445	.50319
#1	10.378	1.0291	1.0667	1.1149	.50598	1.0813	.52325
#2	10.333	1.0241	1.0514	1.1093	.50207	1.0721	.51954

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.804	1.0111	1.0063	1.0204	10.191	1.1122	1.0337
SDev	.437	.0057	.0041	.0025	.035	.0043	.0051
%RSD	.59992	.56149	.41013	.24035	.34120	.39000	.49648
#1	73.113	1.0151	1.0092	1.0221	10.216	1.1152	1.0374
#2	72.495	1.0071	1.0034	1.0187	10.167	1.1091	1.0301

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0590	10.906	1.1781	1.0462	1.0028	13.128	2.5863
SDev	.0018	.061	.0060	.0032	.0063	.045	.0113
%RSD	.17122	.56383	.50849	.30847	.62816	.34164	.43777
#1	1.0603	10.949	1.1824	1.0439	1.0073	13.159	2.5943
#2	1.0577	10.862	1.1739	1.0485	.99834	13.096	2.5783

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51489	158.46	125.48	.61189	1.0804	1.0354	1.0293
SDev	.00232	.84	.51	.00255	.0024	.0058	.0039
%RSD	.45123	.52700	.40753	.41727	.22241	.56314	.38134

#1	.51653	159.06	125.84	.61369	1.0821	1.0395	1.0321
#2	.51324	157.87	125.12	.61008	1.0787	1.0313	1.0265

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0230	1.0924	1.0094	1.0459	1.0480	1.0645
SDev	.0054	.0056	.0002	.0076	.0034	.0044
%RSD	.52727	.51219	.02094	.72597	.32499	.41547
#1	1.0268	1.0964	1.0096	1.0512	1.0456	1.0676
#2	1.0192	1.0885	1.0093	1.0405	1.0504	1.0614

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27484	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1543677	--	--	--	--	--	--
#1	27514	--	--	--	--	--	--
#2	27454	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49190-a-1-c@5 Operator: SRP
Run Time: 01/25/12 17:25:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01321	.00494	-.00226	.01735	-.00012	.01068	.00021
SDev	.00037	.00229	.00000	.00001	.00000	.00131	.00015
%RSD	2.7684	46.385	.16768	.05589	4.0670	12.276	70.008
#1	.01296	.00657	-.00226	.01736	-.00012	.01160	.00032
#2	.01347	.00332	-.00226	.01735	-.00012	.00975	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.890	.00006	.00040	.00176	.00230	.00032	.00050
SDev	.026	.00010	.00013	.00003	.00212	.00001	.00038
%RSD	.18574	171.95	31.670	1.4827	92.344	3.6925	76.311
#1	13.908	-.00001	.00049	.00178	.00380	.00032	.00076
#2	13.871	.00013	.00031	.00174	.00080	.00031	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	.21262	.03586	.00323	.00287	.10608	.31962
SDev	.00345	.00116	.00006	.00131	.00018	.00123	.00045
%RSD	174.41	.54470	.17656	40.522	6.3079	1.1568	.13974
#1	.00441	.21344	.03591	.00416	.00300	.10521	.31994
#2	-.00046	.21180	.03582	.00230	.00274	.10695	.31931

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00001	27.695	25.076	.02115	-.00005	.00059	.00005
SDev	.00009	.013	.037	.00006	.00376	.00188	.00004
%RSD	694.74	.04521	.14749	.28636	7670.0	318.27	75.655
#1	.00008	27.704	25.102	.02119	.00261	-.00074	.00002
#2	-.00005	27.686	25.050	.02111	-.00271	.00192	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00855	.00118	.00015	-.00148	.00370
SDev	.00017	.00014	.00166	.00026	.00234	.00400
%RSD	30.923	1.6158	140.92	171.08	158.42	107.99
#1	.00042	.00845	.00236	-.00003	.00018	.00653
#2	.00065	.00865	.00000	.00034	-.00313	.00088

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27718	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1326559	--	--	--	--	--	--
#1	27744	--	--	--	--	--	--
#2	27692	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 05:39:51 PM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 17:36:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4355	.49448	.49386	.49532	.48394	.49585	.50696
SDev	.0186	.00360	.00386	.00282	.00286	.00009	.00410
%RSD	.76251	.72857	.78192	.57011	.59121	.01712	.80912
#1	2.4486	.49703	.49113	.49732	.48192	.49579	.50406
#2	2.4224	.49194	.49659	.49332	.48596	.49591	.50986

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.396	.48441	.48720	.47945	2.5785	.46433	.49114
SDev	.059	.00223	.00431	.00195	.0749	.00321	.00383
%RSD	.47896	.46127	.88487	.40667	2.9057	.69201	.78018
#1	12.354	.48283	.48416	.48083	2.5255	.46660	.49385
#2	12.437	.48599	.49025	.47807	2.6315	.46205	.48843

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49142	4.8783	.48435	.50255	.48582	11.974	.91822
SDev	.00343	.0142	.00192	.00050	.00325	.092	.00111
%RSD	.69726	.29130	.39662	.09981	.66870	.77052	.12090
#1	.49384	4.8682	.48299	.50219	.48353	12.039	.91744
#2	.48900	4.8883	.48571	.50290	.48812	11.908	.91901

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24436	12.539	11.784	.24776	.51323	.51760	.49612
SDev	.00189	.272	.093	.00116	.00966	.00367	.00011
%RSD	.77174	2.1663	.78584	.46866	1.8829	.70986	.02157
#1	.24303	12.347	11.850	.24859	.50639	.51500	.49620
#2	.24570	12.731	11.719	.24694	.52006	.52020	.49605

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49038	.50894	.49105	.49118	.49774	.48832
SDev	.00104	.00180	.01279	.01214	.01403	.01216
%RSD	.21224	.35338	2.6043	2.4720	2.8194	2.4894
#1	.48965	.50767	.48201	.49977	.48782	.49691
#2	.49112	.51022	.50009	.48260	.50767	.47972

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27678	--	--	--	--	--	--
SDev	285.6711	--	--	--	--	--	--
%RSD	1.032123	--	--	--	--	--	--

#1	27476	--	--	--	--	--
#2	27880	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 17:39:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01632	.00046	.00004	.00027	.00018	.00332	.00031
SDev	.00040	.00087	.00127	.00007	.00001	.00039	.00005
%RSD	2.4217	186.51	2962.0	27.498	4.6838	11.860	16.764
#1	.01660	-.00015	.00094	.00022	.00018	.00360	.00027
#2	.01604	.00108	-.00085	.00032	.00019	.00304	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02124	.00012	.00030	-.00058	.01519	.00053	-.00054
SDev	.00022	.00005	.00013	.00042	.00026	.00002	.00052
%RSD	1.0317	40.596	41.639	71.877	1.6823	4.3875	96.677
#1	.02109	.00016	.00039	-.00087	.01501	.00051	-.00017
#2	.02140	.00009	.00021	-.00028	.01537	.00055	-.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00213	.01438	.00025	.00218	.00046	.03404	-.00791
SDev	.00148	.00036	.00006	.00107	.00011	.00669	.00149
%RSD	69.789	2.4985	21.862	48.819	24.328	19.650	18.851
#1	.00108	.01464	.00021	.00294	.00054	.02931	-.00896
#2	.00317	.01413	.00029	.00143	.00038	.03877	-.00686

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.06530	.01131	.00016	.00506	.00208	.00030
SDev	.00036	.09903	.00081	.00002	.00156	.00103	.00007
%RSD	93.170	151.66	7.1700	14.026	30.834	49.641	22.534

#1	.00013	-.00473	.01074	.00014	.00617	.00135	.00025
#2	.00064	.13532	.01188	.00018	.00396	.00282	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00024	.00205	-.00183	.00106	.00266
SDev	.00043	.00005	.00191	.00018	.00097	.00271
%RSD	519.47	19.408	93.367	9.7442	91.124	101.99
#1	-.00022	.00021	.00340	-.00195	.00175	.00074
#2	.00038	.00027	.00070	-.00170	.00038	.00457

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/25/12 05:43:42 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28197	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0300929	--	--	--	--	--	--
#1	28203	--	--	--	--	--	--
#2	28191	--	--	--	--	--	--

Analysis Report 01/25/12 05:50:59 PM page 1

Method: 20076010 Sample Name: 600-49065-b-1-d Operator: SRP
Run Time: 01/25/12 17:47:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	194.99	.00088	.04866	5.2602	.01580	.04690	.00461
SDev	.09	.00118	.00144	.0001	.00002	.00056	.00001
%RSD	.04570	134.75	2.9626	.00204	.13179	1.1896	.29024
#1	194.93	.00171	.04968	5.2602	.01579	.04650	.00460
#2	195.05	.00004	.04764	5.2601	.01582	.04729	.00462

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.378	.20281	.06318	.15719	230.10	.17079	.14365
SDev	.088	.00103	.00014	.00019	.14	.00017	.00026
%RSD	.19283	.50891	.22519	.11824	.05986	.09917	.17967
#1	45.316	.20208	.06328	.15732	230.01	.17067	.14383
#2	45.440	.20354	.06308	.15706	230.20	.17091	.14347

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01320	70.327	2.0244	.00250	.20029	21.801	7.2025
SDev	.00169	.144	.0023	.00106	.00137	.001	.0197
%RSD	12.788	.20503	.11552	42.644	.68530	.00528	.27326
#1	-.01200	70.225	2.0227	.00325	.19932	21.801	7.1886
#2	-.01439	70.429	2.0260	.00174	.20126	21.802	7.2165

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00332	17.169	17.115	.65997	.00397	.03376	.29199
SDev	.00045	.153	.012	.00006	.00128	.00228	.00012
%RSD	13.502	.88966	.07204	.00838	32.140	6.7578	.04057
#1	-.00301	17.061	17.107	.66001	.00488	.03537	.29191
#2	-.00364	17.277	17.124	.65993	.00307	.03215	.29207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34254	.46063	.11174	.15961	-.01266	-.01346
SDev	.00019	.00061	.00095	.00009	.00272	.00117
%RSD	.05707	.13271	.84920	.05470	21.492	8.6944
#1	.34240	.46020	.11241	.15954	-.01074	-.01263
#2	.34267	.46106	.11107	.15967	-.01459	-.01429

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31346	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1691886	--	--	--	--	--	--

#1	31308	--	--	--	--	--	--
#2	31383	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-b Operator: SRP
Run Time: 01/25/12 17:51:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.890	.00198	.00955	.18282	.00553	.01999	.00059
SDev	.080	.00001	.00186	.00029	.00001	.00035	.00008
%RSD	.22334	.23476	19.518	.16017	.13276	1.7738	12.909
#1	35.947	.00198	.01087	.18303	.00553	.01973	.00065
#2	35.834	.00198	.00823	.18261	.00554	.02024	.00054

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2127	.04132	.01917	.02968	44.706	.02679	.03835
SDev	.0101	.00051	.00012	.00006	.086	.00004	.00044
%RSD	.14040	1.2433	.61330	.21287	.19220	.15777	1.1499
#1	7.2055	.04096	.01909	.02964	44.645	.02682	.03866
#2	7.2198	.04168	.01926	.02973	44.767	.02676	.03804

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	10.468	.21403	.00142	.06126	5.3188	6.7512
SDev	.00140	.009	.00014	.00083	.00039	.0054	.0002
%RSD	235.74	.08441	.06558	58.523	.63474	.10207	.00239

#1	-.00040	10.461	.21393	.00200	.06098	5.3227	6.7511
#2	.00159	10.474	.21413	.00083	.06153	5.3150	6.7513

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	1.9907	2.0139	.08904	-.00283	.03097	.30091
SDev	.00026	.0701	.0061	.00006	.00148	.00114	.00023
%RSD	33.925	3.5230	.30066	.06307	52.423	3.6715	.07767

#1	-.00093	2.0403	2.0182	.08908	-.00388	.03017	.30075
#2	-.00057	1.9411	2.0096	.08900	-.00178	.03177	.30108

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06591	.12862	.03505	.04000	-.00127	.00153
SDev	.00040	.00020	.00037	.00048	.00363	.00029
%RSD	.61154	.15364	1.0509	1.1933	286.66	18.725

#1	.06563	.12876	.03531	.04034	-.00384	.00132
#2	.06620	.12848	.03479	.03966	.00130	.00173

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 05:54:50 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29616	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0071629	--	--	--	--	--	--

#1	29614	--	--	--	--	--	--
#2	29617	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-c du Operator: SRP
Run Time: 01/25/12 17:54:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.471	.00117	.01035	.18492	.00597	.02131	.00053
SDev	.067	.00169	.00214	.00034	.00001	.00032	.00000
%RSD	.16952	145.01	20.659	.18407	.11762	1.5051	.45928

#1	39.518	.00237	.01186	.18516	.00598	.02108	.00053
#2	39.423	-.00003	.00884	.18468	.00597	.02154	.00053

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6132	.04567	.01846	.03086	46.745	.02870	.03809
SDev	.0010	.00011	.00036	.00020	.066	.00007	.00021
%RSD	.01307	.23569	1.9344	.63589	.14148	.23346	.54069

#1	7.6139	.04574	.01871	.03072	46.792	.02874	.03794
#2	7.6125	.04559	.01821	.03100	46.698	.02865	.03823

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	11.331	.20235	.00238	.06342	5.7638	6.2306

SDev	.00093	.009	.00011	.00086	.00003	.0016	.0075
%RSD	45.564	.07631	.05447	36.162	.05043	.02741	.12113
#1	-.00269	11.337	.20243	.00299	.06344	5.7649	6.2360
#2	-.00138	11.325	.20228	.00177	.06340	5.7627	6.2253

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	2.1271	2.1420	.09662	-.00246	.02951	.29953
SDev	.00019	.0680	.0045	.00008	.00232	.00028	.00042
%RSD	21.358	3.1975	.20942	.08267	94.622	.94954	.14076
#1	-.00077	2.1752	2.1452	.09667	-.00410	.02931	.29982
#2	-.00105	2.0790	2.1389	.09656	-.00081	.02971	.29923

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06399	.12368	.03530	.03948	-.00689	.00040
SDev	.00026	.00035	.00169	.00115	.00375	.00326
%RSD	.40172	.28576	4.7805	2.9193	54.376	823.85
#1	.06381	.12393	.03649	.03867	-.00424	-.00191

#2	.06417	.12343	.03410	.04030	-.00954	.00270

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29639	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.2338016	--	--	--	--	--	--
#1	29590	--	--	--	--	--	--
#2	29688	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-d ms Operator: SRP
Run Time: 01/25/12 17:58:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.075	.42409	.91992	1.1317	.45927	.83720	.47038
SDev	.025	.00258	.00163	.0005	.00003	.00004	.00031
%RSD	.03310	.60878	.17767	.04698	.00695	.00520	.06611
#1	75.058	.42227	.92108	1.1320	.45930	.83723	.47060
#2	75.093	.42592	.91877	1.1313	.45925	.83717	.47016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.000	.97856	.93561	.94212	67.393	.49088	.95932
SDev	.003	.00018	.00043	.00027	.045	.00006	.00325
%RSD	.01549	.01835	.04568	.02887	.06694	.01300	.33867
#1	17.002	.97869	.93591	.94231	67.425	.49084	.95703
#2	16.998	.97843	.93531	.94192	67.361	.49093	.96162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86982	23.302	1.1540	.85613	.99185	17.909	8.3458
SDev	.00297	.002	.0002	.00331	.00604	.010	.0085
%RSD	.34123	.00770	.01352	.38609	.60927	.05851	.10146
#1	.87192	23.303	1.1541	.85380	.99612	17.917	8.3398
#2	.86772	23.300	1.1538	.85847	.98758	17.902	8.3518

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46055	11.525	11.782	.58559	.95128	.88550	.93769
SDev	.00030	.079	.003	.00028	.00491	.00183	.00067
%RSD	.06605	.68418	.02572	.04827	.51648	.20626	.07148
#1	.46077	11.581	11.780	.58579	.94780	.88679	.93722
#2	.46034	11.469	11.784	.58539	.95475	.88421	.93816

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99428	1.0736	.92777	.97510	.85548	.87699

SDev	.00058	.0003	.00360	.00668	.00542	.00174
%RSD	.05865	.02396	.38828	.68450	.63345	.19870
#1	.99386	1.0734	.93031	.97038	.85931	.87822
#2	.99469	1.0738	.92522	.97982	.85165	.87576

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29152	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.2352859	--	--	--	--	--	--
#1	29103	--	--	--	--	--	--
#2	29200	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-e msd Operator: SRP
Run Time: 01/25/12 18:02:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.661	.43266	.90693	1.1038	.45401	.82954	.46640
SDev	.058	.00034	.00175	.0003	.00027	.00084	.00017
%RSD	.08300	.07766	.19286	.02340	.05969	.10157	.03620
#1	69.620	.43242	.90569	1.1040	.45382	.82894	.46628
#2	69.702	.43290	.90817	1.1037	.45420	.83013	.46652

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.284	.96735	.92609	.92371	63.618	.47828	.94966
SDev	.011	.00068	.00023	.00023	.016	.00001	.00067
%RSD	.06994	.07046	.02526	.02533	.02581	.00173	.07053
#1	16.276	.96687	.92592	.92387	63.630	.47828	.94919
#2	16.292	.96783	.92625	.92354	63.607	.47829	.95014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86603	22.335	1.1383	.84969	.96695	17.151	8.2280
SDev	.00083	.026	.0006	.00106	.00150	.004	.0085
%RSD	.09558	.11425	.05374	.12482	.15465	.02188	.10367
#1	.86545	22.317	1.1378	.84894	.96801	17.148	8.2220
#2	.86662	22.353	1.1387	.85044	.96589	17.154	8.2340

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45378	11.293	11.438	.56656	.94088	.87559	.94984
SDev	.00019	.016	.002	.00004	.00393	.00127	.00032
%RSD	.04118	.14377	.02144	.00716	.41802	.14514	.03412
#1	.45391	11.305	11.436	.56653	.93810	.87469	.94961
#2	.45365	11.282	11.440	.56659	.94366	.87649	.95007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98341	1.0546	.91811	.96544	.85106	.87352
SDev	.00013	.0008	.00353	.00277	.00530	.00389
%RSD	.01266	.07114	.38482	.28704	.62314	.44570
#1	.98332	1.0551	.92061	.96348	.85481	.87077
#2	.98350	1.0541	.91561	.96740	.84731	.87628

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29203	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.0920113	--	--	--	--	--	--
#1	29184	--	--	--	--	--	--
#2	29222	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-3-b Operator: SRP
Run Time: 01/25/12 18:06:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.429	.00365	.03632	.06756	.00127	.01611	.00131
SDev	.011	.00088	.00077	.00019	.00000	.00091	.00014
%RSD	.09670	23.964	2.1208	.28226	.26593	5.6412	10.434
#1	11.437	.00427	.03578	.06770	.00127	.01675	.00141
#2	11.422	.00303	.03686	.06743	.00127	.01547	.00121

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	258.58	.03148	.01736	.01554	51.034	.01807	.04579
SDev	.46	.00000	.00040	.00032	.104	.00004	.00013
%RSD	.17942	.01330	2.3210	2.0635	.20395	.19861	.29043

#1	258.91	.03148	.01765	.01577	51.107	.01809	.04588
#2	258.26	.03148	.01708	.01532	50.960	.01804	.04569

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	8.8617	1.0353	.00478	.02861	2.5516	4.1557
SDev	.00223	.0214	.0018	.00198	.00105	.0031	.0067
%RSD	80.542	.24126	.17119	41.399	3.6633	.12304	.16087
#1	-.00119	8.8769	1.0366	.00618	.02935	2.5538	4.1605
#2	-.00434	8.8466	1.0341	.00338	.02787	2.5494	4.1510

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	5.5529	5.6147	.34621	.00152	.03113	.43223
SDev	.00078	.2301	.0006	.00029	.00254	.00137	.00049

%RSD	197.73	4.1431	.01031	.08350	167.72	4.4105	.11269
#1	.00016	5.7155	5.6152	.34641	.00332	.03016	.43257
#2	-.00094	5.3902	5.6143	.34601	-.00028	.03210	.43188

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10474	.07511	.04761	.04487	-.00506	-.00162
SDev	.00020	.00033	.00264	.00112	.00186	.00241
%RSD	.18697	.43537	5.5376	2.4933	36.778	149.00
#1	.10488	.07534	.04948	.04408	-.00374	.00009
#2	.10460	.07488	.04575	.04566	-.00637	-.00332

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28108	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1685474	--	--	--	--	--	--
#1	28075	--	--	--	--	--	--
#2	28142	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-4-b Operator: SRP
Run Time: 01/25/12 18:10:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.34	.00171	.05050	.53622	.00862	.05003	.00251
SDev	.05	.00109	.00413	.00002	.00003	.00028	.00013
%RSD	.03880	63.639	8.1727	.00391	.33643	.56685	5.0308
#1	121.37	.00248	.04758	.53621	.00864	.04983	.00242
#2	121.31	.00094	.05342	.53624	.00859	.05023	.00260

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.517	.13237	.03098	.10212	150.96	.09771	.09308
SDev	.029	.00011	.00031	.00040	.16	.00006	.00010

%RSD	.07249	.08029	.99312	.39358	.10701	.05933	.10283
#1	40.537	.13229	.03119	.10240	151.08	.09767	.09301
#2	40.496	.13244	.03076	.10183	150.85	.09776	.09314

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00701	40.756	.56791	.00335	.11204	15.274	8.2917
SDev	.00473	.064	.00037	.00111	.00003	.013	.0042
%RSD	67.388	.15673	.06549	33.095	.02187	.08264	.05031
#1	-.00367	40.801	.56817	.00413	.11206	15.265	8.2947
#2	-.01036	40.710	.56764	.00256	.11203	15.283	8.2888

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	9.9201	9.8677	.29664	.00095	.03413	.35893
SDev	.00040	.0077	.0080	.00006	.00294	.00120	.00025
%RSD	22.015	.07741	.08063	.02096	309.77	3.5254	.07022
#1	-.00155	9.9255	9.8620	.29660	-.00113	.03498	.35911
#2	-.00212	9.9147	9.8733	.29669	.00303	.03328	.35876

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25351	.30195	.07536	.10193	-.01034	-.00535
SDev	.00003	.00037	.00094	.00061	.00031	.00725
%RSD	.01314	.12178	1.2491	.60262	2.9888	135.35
#1	.25353	.30221	.07603	.10150	-.01056	-.00023
#2	.25348	.30169	.07470	.10237	-.01012	-.01048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28770	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2113701	--	--	--	--	--	--
#1	28727	--	--	--	--	--	--
#2	28813	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-5-b Operator: SRP
Run Time: 01/25/12 18:14:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	201.58	.00195	.03432	1.4708	.01705	.04067	.00488
SDev	.60	.00089	.00345	.0035	.00001	.00025	.00019
%RSD	.29933	45.824	10.040	.23719	.05754	.60815	3.9455
#1	201.15	.00132	.03188	1.4683	.01705	.04049	.00502
#2	202.00	.00258	.03676	1.4733	.01706	.04084	.00475

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	50.399	.19785	.06238	.14295	217.95	.17015	.13315
SDev	.172	.00039	.00007	.00061	.64	.00052	.00104
%RSD	.34113	.19655	.11727	.42848	.29499	.30874	.78222
#1	50.277	.19758	.06232	.14252	217.49	.16978	.13389
#2	50.520	.19813	.06243	.14339	218.40	.17053	.13241

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01421	69.065	2.0386	.00156	.21135	22.647	6.8984
SDev	.00171	.217	.0061	.00008	.00039	.075	.0208
%RSD	12.011	.31400	.30092	5.0256	.18535	.33295	.30132

#1	-.01542	68.912	2.0342	.00151	.21108	22.593	6.8837
#2	-.01301	69.218	2.0429	.00162	.21163	22.700	6.9131

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00321	19.020	18.763	.60457	.00383	.03326	.23106
SDev	.00017	.023	.063	.00157	.00086	.00219	.00026
%RSD	5.2367	.12218	.33420	.25945	22.510	6.5837	.11091
#1	-.00309	19.037	18.718	.60346	.00322	.03481	.23088
#2	-.00333	19.004	18.807	.60568	.00444	.03171	.23125

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30992	.51053	.09985	.14980	-.00977	-.01643
SDev	.00113	.00167	.00073	.00120	.00380	.00066
%RSD	.36583	.32668	.73376	.79838	38.833	4.0357
#1	.30912	.50935	.10037	.15064	-.01246	-.01690
#2	.31072	.51170	.09934	.14895	-.00709	-.01596

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31772	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.2403611	--	--	--	--	--	--
#1	31826	--	--	--	--	--	--
#2	31718	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-6-b Operator: SRP
Run Time: 01/25/12 18:17:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.39	.00201	.01763	.92039	.01265	.04975	.00444
SDev	.03	.00127	.00266	.00016	.00006	.00107	.00010
%RSD	.01082	63.438	15.089	.01732	.47197	2.1468	2.2789
#1	245.40	.00111	.01575	.92050	.01261	.04900	.00451
#2	245.37	.00291	.01952	.92027	.01269	.05051	.00437

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.04	.25296	.05797	.14446	195.01	.28972	.10477
SDev	.30	.00096	.00059	.00014	.50	.00020	.00008
%RSD	.28431	.38126	1.0235	.09776	.25619	.06771	.07803
#1	105.83	.25227	.05839	.14456	194.65	.28986	.10483
#2	106.25	.25364	.05755	.14436	195.36	.28958	.10472

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01409	111.19	1.0013	.00233	.24997	38.181	8.0745
SDev	.00267	.24	.0021	.00006	.00054	.034	.0081
%RSD	18.930	.21290	.21152	2.3705	.21519	.09035	.10057
#1	-.01598	111.02	.99978	.00237	.24959	38.205	8.0688
#2	-.01221	111.36	1.0028	.00229	.25035	38.157	8.0803

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	20.944	21.000	.64596	.00225	.03864	.36363
SDev	.00009	.062	.038	.00033	.00274	.00107	.00065
%RSD	3.2465	.29610	.18028	.05166	121.83	2.7690	.17922
#1	-.00279	20.900	21.027	.64572	.00418	.03788	.36317
#2	-.00292	20.987	20.973	.64620	.00031	.03939	.36409

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15520	.69117	.06605	.12414	-.00771	-.01729
SDev	.00037	.00247	.00325	.00150	.00003	.00399
%RSD	.23619	.35702	4.9174	1.2094	.38507	23.063
#1	.15494	.68943	.06835	.12307	-.00773	-.02011
#2	.15545	.69292	.06375	.12520	-.00769	-.01447

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27909	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0658740	--	--	--	--	--	--
#1	27922	--	--	--	--	--	--
#2	27896	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-8-b Operator: SRP
Run Time: 01/25/12 18:21:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.519	.00227	.01443	.21914	.00399	.01688	.00083
SDev	.202	.00079	.00130	.00003	.00002	.00020	.00035
%RSD	.26790	34.879	9.0342	.01195	.49019	1.1876	42.854

#1	75.662	.00284	.01535	.21912	.00401	.01703	.00058
#2	75.376	.00171	.01351	.21916	.00398	.01674	.00108

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.917	.07193	.01931	.01911	53.712	.03755	.07645
SDev	.014	.00013	.00061	.00012	.087	.00002	.00105
%RSD	.03451	.17512	3.1518	.62484	.16181	.05978	1.3724

Analysis Report 01/25/12 06:25:37 PM page 11

#1	41.906	.07202	.01888	.01919	53.651	.03757	.07719
#2	41.927	.07184	.01974	.01903	53.774	.03754	.07571

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00290	18.413	.16408	.00020	.07409	3.2975	8.0202
SDev	.00175	.012	.00031	.00095	.00036	.0039	.0188
%RSD	60.258	.06675	.18703	483.25	.48100	.11913	.23408

#1	-.00413	18.421	.16387	-.00048	.07384	3.3003	8.0334
#2	-.00166	18.404	.16430	.00087	.07434	3.2947	8.0069

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	6.8047	6.5696	.29134	-.00437	.02863	.15789
SDev	.00075	.2163	.0095	.00013	.00556	.00188	.00017
%RSD	45.956	3.1780	.14443	.04311	127.36	6.5602	.10993

#1	-.00217	6.6518	6.5764	.29125	-.00830	.02730	.15801
#2	-.00110	6.9576	6.5629	.29142	-.00043	.02996	.15777

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13543	.10549	.05777	.08579	-.01474	.00302
SDev	.00024	.00011	.00920	.00617	.01726	.00601
%RSD	.17557	.10186	15.920	7.1940	117.12	198.81

#1	.13560	.10541	.05126	.09016	-.02694	.00727
#2	.13527	.10557	.06427	.08143	-.00253	-.00123

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28235	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.3105410	--	--	--	--	--	--

#1	28173	--	--	--	--	--	--
#2	28297	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 18:25:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4798	.50724	.50301	.50693	.49297	.50251	.51830

SDev	.0046	.00011	.00243	.00010	.00014	.00176	.00071
%RSD	.18540	.02169	.48236	.02057	.02923	.34992	.13704
#1	2.4831	.50716	.50473	.50686	.49287	.50127	.51780
#2	2.4766	.50732	.50129	.50701	.49308	.50375	.51880

Analysis Report Blank Sample 01/25/12 06:29:28 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.635	.49587	.49634	.48954	2.5486	.47605	.50662
SDev	.010	.00004	.00146	.00022	.0678	.00014	.00052
%RSD	.08252	.00771	.29523	.04519	2.6618	.02896	.10248
#1	12.628	.49584	.49531	.48939	2.5006	.47614	.50625
#2	12.642	.49590	.49738	.48970	2.5965	.47595	.50699

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50802	4.9813	.49531	.50951	.50449	12.267	.95681
SDev	.00224	.0034	.00012	.00441	.00065	.005	.00557
%RSD	.44089	.06845	.02343	.86636	.12877	.04451	.58217
#1	.50960	4.9789	.49523	.50638	.50403	12.270	.96074
#2	.50644	4.9837	.49539	.51263	.50495	12.263	.95287

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24902	12.362	12.027	.25332	.51651	.52141	.50734
SDev	.00149	.254	.004	.00014	.00470	.00477	.00035
%RSD	.59788	2.0562	.03381	.05456	.91031	.91440	.06858
#1	.24797	12.182	12.029	.25322	.51318	.51804	.50709
#2	.25008	12.541	12.024	.25342	.51983	.52478	.50759

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50171	.52120	.49358	.51314	.50209	.51105
SDev	.00008	.00013	.00012	.00072	.00172	.00422
%RSD	.01512	.02477	.02415	.14015	.34322	.82604
#1	.50176	.52129	.49350	.51263	.50087	.51403
#2	.50165	.52111	.49367	.51365	.50330	.50806

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27083	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2871977	--	--	--	--	--	--
#1	27138	--	--	--	--	--	--
#2	27028	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 18:29:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02099	.00036	.00141	.00033	.00018	.00206	.00043
SDev	.00283	.00124	.00120	.00009	.00005	.00002	.00028

%RSD	13.496	345.26	85.304	25.927	28.414	1.1230	65.089
#1	.01899	-.00052	.00056	.00027	.00014	.00208	.00023
#2	.02299	.00124	.00226	.00040	.00021	.00205	.00063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02012	.00011	.00073	-.00020	.02277	.00050	.00011
SDev	.00201	.00048	.00009	.00010	.01400	.00004	.00062
%RSD	10.014	422.07	11.622	48.181	61.489	7.4944	548.22
#1	.01870	-.00022	.00067	-.00013	.01287	.00047	.00055
#2	.02155	.00045	.00079	-.00027	.03267	.00053	-.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	.02611	.00030	.00207	.00055	.10796	-.00077
SDev	.00334	.00064	.00006	.00115	.00006	.00382	.00008
%RSD	90.234	2.4494	18.747	55.458	11.108	3.5355	10.672
#1	.00606	.02656	.00026	.00288	.00051	.11066	-.00071
#2	.00134	.02565	.00034	.00126	.00060	.10526	-.00082

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.18389	.01532	.00020	.00403	.00246	.00038
SDev	.00079	.06205	.00096	.00003	.00318	.00097	.00006
%RSD	133.66	33.745	6.2665	13.903	78.890	39.546	14.852
#1	.00003	.14001	.01464	.00018	.00628	.00315	.00034
#2	.00115	.22776	.01600	.00022	.00178	.00177	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00032	.00204	-.00085	.00567	.00271
SDev	.00043	.00022	.00172	.00008	.00197	.00402
%RSD	93.358	68.455	84.128	8.8519	34.665	148.30
#1	.00016	.00017	.00326	-.00080	.00706	.00556
#2	.00077	.00048	.00083	-.00090	.00428	-.00013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27632	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0358262	--	--	--	--	--	--
#1	27625	--	--	--	--	--	--
#2	27639	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-9-b Operator: SRP
Run Time: 01/25/12 18:33:23

Comment: TRACE 61E

Analysis Report 01/25/12 06:37:10 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	183.53	-.00028	.03697	2.1480	.01777	.03024	.00387
SDev	.10	.00099	.00103	.0037	.00000	.00060	.00005
%RSD	.05367	360.36	2.7941	.17287	.00130	1.9885	1.3731
#1	183.60	.00043	.03624	2.1506	.01777	.03066	.00383
#2	183.46	-.00098	.03770	2.1454	.01777	.02981	.00390

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.102	.18022	.09495	.11397	200.94	.13758	.22550
SDev	.079	.00014	.00012	.00040	.02	.00013	.00066
%RSD	.13807	.07513	.12428	.35040	.00807	.09463	.29227
#1	57.046	.18013	.09504	.11368	200.93	.13767	.22503
#2	57.157	.18032	.09487	.11425	200.95	.13748	.22596

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01008	49.084	2.1837	.00221	.17450	14.194	6.6184
SDev	.00122	.036	.0006	.00036	.00071	.008	.0071
%RSD	12.109	.07432	.02888	16.474	.40650	.05469	.10657
#1	-.00922	49.058	2.1833	.00247	.17501	14.199	6.6134
#2	-.01095	49.110	2.1842	.00195	.17400	14.188	6.6234

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00343	13.437	13.229	.49076	-.00017	.03183	.15892
SDev	.00030	.001	.017	.00083	.00120	.00047	.00008
%RSD	8.6004	.00994	.13073	.16915	683.57	1.4825	.05300
#1	-.00322	13.438	13.241	.49134	.00067	.03216	.15886
#2	-.00364	13.436	13.217	.49017	-.00102	.03149	.15897

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41076	.32299	.19264	.24193	-.00759	-.01133
SDev	.00013	.00021	.00175	.00187	.00332	.00017
%RSD	.03146	.06605	.91062	.77117	43.708	1.5228
#1	.41067	.32284	.19388	.24061	-.00525	-.01121
#2	.41085	.32314	.19140	.24325	-.00994	-.01145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33078	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.2394218	--	--	--	--	--	--
#1	33022	--	--	--	--	--	--
#2	33134	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-10-b Operator: SRP
Run Time: 01/25/12 18:37:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.65	.00218	.03192	3.6923	.01798	.01789	.00393
SDev	.14	.00213	.00146	.0011	.00002	.00035	.00015
%RSD	.07615	97.723	4.5705	.02967	.10920	1.9458	3.8528
#1	182.75	.00369	.03089	3.6931	.01796	.01814	.00382
#2	182.55	.00067	.03295	3.6916	.01799	.01764	.00404

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.244	.20644	.04949	.11595	214.92	.12898	.15705
SDev	.047	.00013	.00017	.00048	.13	.00019	.00082
%RSD	.08916	.06393	.34758	.41405	.06173	.14722	.52141
#1	52.211	.20653	.04961	.11561	214.83	.12912	.15763
#2	52.277	.20635	.04937	.11629	215.01	.12885	.15648

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01161	41.032	1.3065	.00169	.18130	10.727	6.0624
SDev	.00156	.054	.0012	.00074	.00036	.025	.0024
%RSD	13.451	.13140	.09021	43.610	.19808	.23034	.03898
#1	-.01051	40.994	1.3056	.00222	.18104	10.744	6.0607
#2	-.01272	41.070	1.3073	.00117	.18155	10.709	6.0640

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00311	5.5139	5.3699	.51345	.00159	.03125	.16092
SDev	.00012	.1036	.0110	.00027	.00590	.00208	.00007
%RSD	3.9884	1.8796	.20440	.05276	369.75	6.6685	.04259
#1	-.00302	5.5872	5.3777	.51365	.00576	.03272	.16097
#2	-.00320	5.4406	5.3621	.51326	-.00257	.02978	.16087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43038	.28270	.12674	.17221	-.00645	-.01420
SDev	.00031	.00035	.00293	.00024	.00146	.00307
%RSD	.07222	.12521	2.3150	.13863	22.679	21.656
#1	.43016	.28245	.12882	.17204	-.00748	-.01202
#2	.43060	.28295	.12467	.17238	-.00542	-.01637

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33240	--	--	--	--	--	--

SDev	21.21320	--	--	--	--	--	--
%RSD	.0638183	--	--	--	--	--	--
#1	33225	--	--	--	--	--	--
#2	33255	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-11-b Operator: SRP
Run Time: 01/25/12 18:41:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	156.43	.00207	.07259	5.0150	.01393	.04035	.00875
SDev	.26	.00203	.00447	.0093	.00000	.00006	.00002
%RSD	.16891	97.798	6.1509	.18515	.01578	.14887	.20619
#1	156.61	.00064	.07574	5.0216	.01393	.04030	.00876
#2	156.24	.00350	.06943	5.0084	.01393	.04039	.00873

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	554.67	.15439	.08521	.12738	203.79	.14245	.12061
SDev	.47	.00021	.00021	.00035	.19	.00032	.00088
%RSD	.08392	.13584	.24879	.27677	.09477	.22222	.73285
#1	555.00	.15454	.08536	.12763	203.92	.14267	.12124
#2	554.34	.15424	.08506	.12713	203.65	.14222	.11999

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01771	52.315	4.5357	.00456	.19148	18.406	7.0195
SDev	.00277	.052	.0036	.00072	.00006	.040	.0079
%RSD	15.656	.09891	.07962	15.849	.03396	.21840	.11292
#1	-.01967	52.352	4.5383	.00507	.19153	18.434	7.0251
#2	-.01575	52.279	4.5332	.00405	.19144	18.377	7.0138

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	13.399	14.062	.86564	.00155	.03048	.30737
SDev	.00026	.095	.032	.00135	.00162	.00281	.00007
%RSD	8.7109	.70668	.22711	.15552	103.98	9.2010	.02388
#1	-.00278	13.466	14.085	.86659	.00270	.03246	.30742
#2	-.00314	13.332	14.039	.86469	.00041	.02850	.30731

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33376	.62415	.09397	.13393	-.00989	-.02162
SDev	.00005	.00108	.00188	.00039	.00115	.00358
%RSD	.01465	.17305	2.0014	.28786	11.600	16.583
#1	.33373	.62492	.09530	.13421	-.01070	-.02415
#2	.33380	.62339	.09264	.13366	-.00908	-.01908

Analysis Report 01/25/12 06:44:53 PM page 17

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32014	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1214789	--	--	--	--	--	--
#1	31987	--	--	--	--	--	--
#2	32042	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49076-a-7-d Operator: SRP
Run Time: 01/25/12 18:44:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.665	.00483	.02107	2.7796	.00037	.27517	.00328
SDev	.036	.00194	.00042	.0027	.00003	.00067	.00003
%RSD	.26618	40.105	2.0034	.09572	8.7316	.24370	.85456
#1	13.690	.00346	.02077	2.7815	.00035	.27470	.00330
#2	13.639	.00620	.02137	2.7777	.00039	.27565	.00326

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.497	.03151	.00596	1.0421	13.032	.00491	.03569
SDev	.016	.00012	.00028	.0013	.005	.00002	.00026
%RSD	.02277	.38923	4.7258	.12033	.03933	.30735	.72074
#1	69.486	.03143	.00616	1.0429	13.036	.00492	.03551
#2	69.508	.03160	.00576	1.0412	13.028	.00490	.03587

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02043	8.7285	1.6042	.03465	.03006	15.290	8.8950
SDev	.00232	.0150	.0005	.00060	.00037	.019	.0075
%RSD	11.358	.17222	.02888	1.7217	1.2332	.12328	.08486
#1	.02207	8.7392	1.6039	.03507	.02979	15.303	8.9003
#2	.01879	8.7179	1.6046	.03423	.03032	15.276	8.8897

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01614	21.145	19.695	.56376	-.00987	.11170	.06986
SDev	.00006	.173	.032	.00032	.00264	.00052	.00007
%RSD	.34981	.81629	.16380	.05698	26.776	.46641	.10030
#1	.01618	21.267	19.718	.56399	-.00800	.11206	.06981
#2	.01610	21.023	19.672	.56354	-.01174	.11133	.06991

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00923	4.3705	.03929	.03389	.01808	.02161
SDev	.00003	.0001	.00004	.00037	.00487	.00104
%RSD	.34629	.00312	.10309	1.0787	26.942	4.8384

Analysis Report 01/25/12 06:48:44 PM page 18

#1	.00920	4.3706	.03926	.03364	.02152	.02235
#2	.00925	4.3704	.03931	.03415	.01463	.02087

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27615	--	--	--	--	--	--
SDev	155.5635	--	--	--	--	--	--
%RSD	.5633297	--	--	--	--	--	--
#1	27505	--	--	--	--	--	--
#2	27725	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49110-a-1-b Operator: SRP
Run Time: 01/25/12 18:48:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51483	-.63309	-.00028	.00153	-.00048	.00179	.04243
SDev	.00393	.02301	.00165	.00015	.00002	.00019	.00002
%RSD	.76282	3.6342	594.92	9.6855	3.3393	10.771	.04751
#1	.51761	-.61682	.00089	.00163	-.00049	.00165	.04244
#2	.51205	-.64936	-.00144	.00142	-.00046	.00192	.04242

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77007	.00125	.00202	.01038	.75919	.00040	.20257
SDev	.00273	.00031	.00143	.00061	.01357	.00002	.00097
%RSD	.35460	25.144	70.658	5.9227	1.7875	3.7541	.47782
#1	.77200	.00147	.00303	.01081	.76878	.00041	.20325
#2	.76814	.00103	.00101	.00994	.74959	.00039	.20188

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00764	1.6477	.01398	.09520	.01603	.27722	.14105
SDev	.00377	.0046	.00016	.00646	.00162	.00558	.00928
%RSD	49.326	.27625	1.1131	6.7902	10.083	2.0147	6.5803
#1	-.01031	1.6509	.01387	.09977	.01717	.28117	.14761
#2	-.00498	1.6445	.01409	.09063	.01489	.27327	.13449

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00691	1059.8	.18280	.00058	.06088	.03285	.01234
SDev	.00039	3.3	.00144	.00004	.00200	.00267	.00012
%RSD	5.6213	.30888	.78486	7.5657	3.2804	8.1167	.99524
#1	.00718	1062.1	.18381	.00061	.05947	.03474	.01243
#2	.00663	1057.5	.18178	.00055	.06230	.03097	.01225

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 01/25/12 06:52:36 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	-66.619	.19979	.20395	-.00346	-.00973
SDev	.00017	.399	.00445	.00077	.00229	.00451
%RSD	5.8421	.59836	2.2289	.37984	66.342	46.303

#1	.00297	-66.901	.20294	.20341	-.00508	-.01292
#2	.00273	-66.338	.19664	.20450	-.00184	-.00655

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24681	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.2234688	--	--	--	--	--	--
#1	24642	--	--	--	--	--	--
#2	24720	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-2-a Operator: SRP
Run Time: 01/25/12 18:52:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.84	-.00018	.12134	.84339	.01081	.09344	.00796
SDev	.00	.00020	.00006	.00015	.00002	.00009	.00012
%RSD	.00182	112.36	.04999	.01731	.20482	.09626	1.5036
#1	153.85	-.00032	.12130	.84329	.01080	.09338	.00805
#2	153.84	-.00004	.12138	.84349	.01083	.09350	.00788

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	930.54	.23996	.06307	.11753	162.14	.06769	.19421
SDev	1.00	.00012	.00041	.00012	.09	.00006	.00080
%RSD	.10709	.04957	.64945	.10311	.05562	.08783	.41196
#1	931.25	.24004	.06336	.11744	162.20	.06765	.19365
#2	929.84	.23987	.06278	.11762	162.07	.06773	.19478

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00850	35.783	2.7508	.00201	.18254	42.052	10.456
SDev	.00159	.012	.0003	.00005	.00039	.027	.004
%RSD	18.686	.03226	.01016	2.4627	.21277	.06527	.04101
#1	-.00963	35.791	2.7510	.00198	.18282	42.071	10.453
#2	-.00738	35.775	2.7506	.00205	.18227	42.032	10.459

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	.68245	.80424	.32558	.00212	.03660	.28064
SDev	.00061	.04564	.00155	.00016	.00306	.00093	.00020
%RSD	37.748	6.6871	.19337	.04953	144.12	2.5509	.07119

#1	-.00119	.71472	.80314	.32547	.00429	.03726	.28050
#2	-.00206	.65018	.80534	.32570	-.00004	.03594	.28078

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33694	.97763	.16419	.20923	.00214	-.01383
SDev	.00063	.27465	.00247	.00244	.00682	.00103

%RSD	.18577	28.093	1.5057	1.1644	318.78	7.4368
#1	.33649	1.1718	.16594	.20750	-.00268	-.01310
#2	.33738	.78343	.16244	.21095	.00697	-.01455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29965	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1557452	--	--	--	--	--	--
#1	29932	--	--	--	--	--	--
#2	29998	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-3-a Operator: SRP
Run Time: 01/25/12 18:56:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.90	.00342	.08894	.73882	.00716	.06793	.00603
SDev	.04	.00324	.00067	.00052	.00000	.00027	.00022
%RSD	.03507	94.778	.75627	.07060	.04232	.39227	3.7357
#1	102.87	.00113	.08941	.73845	.00716	.06812	.00619
#2	102.92	.00571	.08846	.73919	.00716	.06774	.00587

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1542.9	.14128	.04971	.08320	94.064	.05348	.13357
SDev	1.2	.00007	.00047	.00006	.015	.00001	.00065
%RSD	.08033	.04899	.94766	.07340	.01571	.01714	.48939
#1	1543.7	.14133	.05004	.08324	94.053	.05347	.13311
#2	1542.0	.14123	.04938	.08316	94.074	.05349	.13403

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00874	22.938	1.6109	.00158	.13205	31.290	11.442
SDev	.00186	.016	.0001	.00003	.00018	.020	.003
%RSD	21.305	.06816	.00868	1.8293	.13995	.06551	.02720
#1	-.01006	22.927	1.6108	.00160	.13191	31.304	11.439
#2	-.00742	22.949	1.6110	.00156	.13218	31.275	11.444

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00163	.99310	1.1042	.36268	.00208	.03284	.24795
SDev	.00031	.13228	.0007	.00025	.00044	.00158	.00020
%RSD	18.934	13.319	.06157	.06823	21.138	4.7971	.08163
#1	-.00141	1.0866	1.1046	.36251	.00239	.03172	.24809
#2	-.00185	.89957	1.1037	.36286	.00177	.03395	.24781

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.28369	.35281	.11353	.14359	-.00254	-.01184
SDev	.00001	.00807	.00070	.00063	.00173	.00366
%RSD	.00510	2.2874	.61970	.43788	67.851	30.877
#1	.28368	.35852	.11303	.14315	-.00132	-.01443
#2	.28371	.34711	.11403	.14404	-.00376	-.00926

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27255	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0051888	--	--	--	--	--	--
#1	27256	--	--	--	--	--	--
#2	27254	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-4-b Operator: SRP
Run Time: 01/25/12 19:00:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	215.94	.00016	.06762	.95759	.01343	.06783	.00769
SDev	.01	.00142	.00073	.00024	.00002	.00018	.00015
%RSD	.00510	911.64	1.0765	.02496	.13103	.26957	1.9810
#1	215.93	-.00085	.06813	.95743	.01344	.06795	.00779
#2	215.94	.00116	.06710	.95776	.01342	.06770	.00758

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	307.85	.23691	.08367	.16407	180.56	.09488	.17638
SDev	.29	.00055	.00010	.00019	.11	.00004	.00148
%RSD	.09438	.23088	.11583	.11857	.05867	.03836	.84218
#1	307.64	.23652	.08374	.16393	180.48	.09491	.17533
#2	308.05	.23730	.08360	.16420	180.63	.09486	.17743

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00891	42.795	4.1881	-.00009	.15938	65.279	8.6897
SDev	.00031	.029	.0039	.00012	.00003	.046	.0053
%RSD	3.4735	.06759	.09238	131.81	.02213	.07050	.06062
#1	-.00869	42.775	4.1854	-.00001	.15941	65.311	8.6859

#2	-.00913	42.816	4.1909	-.00017	.15936	65.246	8.6934

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	1.1006	1.2793	.25890	.00464	.03227	.32978
SDev	.00025	.1266	.0001	.00007	.00333	.00257	.00028
%RSD	10.448	11.507	.01005	.02860	71.721	7.9513	.08571
#1	-.00218	1.1902	1.2793	.25896	.00699	.03409	.32958
#2	-.00253	1.0111	1.2794	.25885	.00229	.03046	.32998

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29804	.58587	.13995	.19459	-.00398	-.01138
SDev	.00031	.00075	.00017	.00231	.00509	.00208
%RSD	.10272	.12874	.12038	1.1883	127.97	18.291
#1	.29783	.58640	.14007	.19295	-.00038	-.01285
#2	.29826	.58533	.13984	.19622	-.00758	-.00991

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33689	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1175398	--	--	--	--	--	--
#1	33661	--	--	--	--	--	--
#2	33717	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-5-b Operator: SRP
Run Time: 01/25/12 19:04:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	233.15	-.00054	.06994	1.1161	.01464	.07007	.00770
SDev	.48	.00321	.00074	.0011	.00002	.00109	.00003
%RSD	.20775	600.09	1.0636	.09848	.12385	1.5494	.33947
#1	233.49	-.00281	.06941	1.1169	.01465	.07084	.00768
#2	232.80	.00174	.07046	1.1153	.01463	.06930	.00772

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	276.99	.25704	.08194	.17786	193.66	.10468	.18429
SDev	.26	.00042	.00103	.00015	.22	.00012	.00009
%RSD	.09495	.16316	1.2533	.08599	.11548	.11245	.05013
#1	277.18	.25674	.08267	.17796	193.82	.10476	.18436
#2	276.81	.25733	.08122	.17775	193.50	.10459	.18423

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01072	46.147	4.3263	.00032	.17064	61.285	8.0989

SDev	.00004	.087	.0034	.00014	.00088	.053	.0133
%RSD	.40110	.18883	.07848	43.512	.51648	.08652	.16418
#1	-.01069	46.209	4.3287	.00042	.17126	61.322	8.1083
#2	-.01075	46.085	4.3239	.00022	.17001	61.248	8.0895

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	3.4266	3.7540	.31050	.00227	.02965	.38731
SDev	.00031	.0630	.0077	.00019	.00394	.00150	.00059
%RSD	11.891	1.8374	.20439	.06192	173.34	5.0436	.15240
#1	-.00240	3.4711	3.7594	.31063	.00506	.03070	.38772

#2	-.00284	3.3821	3.7486	.31036	-.00051	.02859	.38689

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32641	.61994	.14354	.20467	-.00103	-.01556
SDev	.00007	.00128	.00136	.00054	.00637	.00312
%RSD	.02211	.20560	.95110	.26580	616.52	20.056
#1	.32636	.62084	.14450	.20429	.00347	-.01777
#2	.32646	.61903	.14257	.20506	-.00554	-.01336

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34432	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.1745613	--	--	--	--	--	--
#1	34389	--	--	--	--	--	--
#2	34474	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-6-b Operator: SRP
Run Time: 01/25/12 19:08:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	155.02	.00136	.08930	1.0129	.00979	.10332	.00727
SDev	.25	.00234	.00349	.0008	.00002	.00002	.00000
%RSD	.15822	171.93	3.9103	.07944	.22027	.01594	.02265
#1	155.19	-.00029	.09177	1.0134	.00978	.10334	.00727
#2	154.84	.00301	.08684	1.0123	.00981	.10331	.00727

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1125.7	.19181	.05489	.10434	137.36	.08253	.13043
SDev	.1	.00002	.00005	.00071	.06	.00014	.00173
%RSD	.01213	.01244	.09817	.68359	.04261	.17077	1.3286
#1	1125.6	.19179	.05492	.10384	137.32	.08263	.12920

#2	1125.8	.19183	.05485	.10484	137.40	.08243	.13165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00663	32.511	2.3540	.00180	.13757	41.814	11.949
SDev	.00220	.006	.0013	.00014	.00037	.088	.004
%RSD	33.236	.01826	.05579	7.5033	.27082	.20954	.03313
#1	-.00819	32.507	2.3530	.00171	.13783	41.876	11.952
#2	-.00507	32.516	2.3549	.00190	.13731	41.752	11.947

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	.97508	1.1390	.50171	.00118	.03237	.27656
SDev	.00011	.11925	.0014	.00024	.00014	.00044	.00007

%RSD	6.3455	12.230	.12458	.04751	11.914	1.3704	.02406
#1	-.00171	1.0594	1.1400	.50188	.00108	.03206	.27652
#2	-.00187	.89076	1.1380	.50154	.00128	.03268	.27661

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33860	.54310	.10379	.14375	-.00342	-.00824
SDev	.00025	.00048	.00057	.00231	.00678	.00008
%RSD	.07490	.08844	.54769	1.6106	198.46	1.0054
#1	.33878	.54344	.10338	.14211	-.00821	-.00818
#2	.33842	.54276	.10419	.14539	.00138	-.00830

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28878	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1003943	--	--	--	--	--	--
#1	28857	--	--	--	--	--	--
#2	28898	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 19:11:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4698	.50783	.50599	.50517	.49612	.50391	.52176
SDev	.0022	.00321	.00387	.00074	.00039	.00108	.00028
%RSD	.09094	.63211	.76463	.14623	.07782	.21404	.05303
#1	2.4682	.50556	.50872	.50465	.49639	.50314	.52156
#2	2.4714	.51010	.50325	.50570	.49584	.50467	.52195

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.758	.49825	.50054	.48800	2.6089	.47399	.50827
SDev	.064	.00079	.00031	.00050	.0022	.00038	.00062
%RSD	.50249	.15845	.06213	.10257	.08554	.07939	.12134
#1	12.803	.49881	.50076	.48765	2.6073	.47373	.50784
#2	12.713	.49769	.50032	.48836	2.6105	.47426	.50871

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50535	5.0073	.49736	.51330	.52963	12.209	.96593
SDev	.00050	.0072	.00018	.00041	.00190	.025	.00705
%RSD	.09970	.14440	.03572	.07941	.35827	.20294	.73019
#1	.50500	5.0022	.49749	.51358	.53098	12.192	.97092
#2	.50571	5.0124	.49724	.51301	.52829	12.227	.96094

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24930	12.476	11.968	.25242	.52379	.52529	.50747
SDev	.00019	.048	.016	.00039	.00715	.00425	.00029
%RSD	.07758	.38506	.13664	.15392	1.3648	.80980	.05628
#1	.24917	12.442	11.956	.25215	.51874	.52228	.50768
#2	.24944	12.510	11.980	.25270	.52885	.52830	.50727

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50317	.55259	.49680	.51401	.50224	.50697
SDev	.00040	.00218	.00126	.00030	.00540	.00346
%RSD	.07886	.39396	.25368	.05738	1.0758	.68193
#1	.50346	.55105	.49591	.51380	.50606	.50452
#2	.50289	.55413	.49769	.51422	.49842	.50941

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27578	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2615305	--	--	--	--	--	--
#1	27629	--	--	--	--	--	--
#2	27527	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 19:15:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01977	.00187	-.00096	.00031	.00016	.00068	.00029
SDev	.00269	.00019	.00044	.00003	.00001	.00074	.00006
%RSD	13.598	10.287	46.150	8.6991	5.5853	108.42	19.190

#1	.02168	.00173	-.00127	.00033	.00017	.00120	.00025
#2	.01787	.00200	-.00064	.00029	.00015	.00016	.00032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02352	.00008	.00061	-.00051	.02139	.00036	.00073
SDev	.00600	.00038	.00000	.00049	.00670	.00001	.00033
%RSD	25.528	473.78	.09188	95.446	31.314	3.1823	44.696
#1	.01927	.00035	.00061	-.00017	.01666	.00035	.00096
#2	.02776	-.00019	.00061	-.00086	.02613	.00037	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.01340	.00036	.00198	-.00004	.05239	.00078
SDev	.00237	.00136	.00003	.00164	.00049	.00126	.00120
%RSD	294.83	10.145	7.7064	82.981	1224.9	2.3996	154.54
#1	-.00087	.01244	.00038	.00313	.00031	.05328	.00163

#2	.00248	.01436	.00034	.00082	-.00039	.05150	-.00007

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.13882	.00923	.00019	.00081	.00341	.00037
SDev	.00006	.09862	.00087	.00000	.00015	.00102	.00014
%RSD	9.6517	71.043	9.3838	2.0169	19.107	29.823	36.565
#1	.00068	.20855	.00862	.00019	.00092	.00413	.00047
#2	.00059	.06908	.00985	.00019	.00070	.00269	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.03065	.00432	-.00107	.00212	.00015
SDev	.00019	.00014	.00024	.00061	.00127	.00420
%RSD	69.918	.45403	5.5885	57.314	59.824	2875.6
#1	.00042	.03056	.00415	-.00063	.00302	-.00282
#2	.00014	.03075	.00450	-.00150	.00123	.00311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27480	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0926341	--	--	--	--	--	--
#1	27498	--	--	--	--	--	--
#2	27462	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70830/1-a Operator: SRP
Run Time: 01/25/12 19:19:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00866	-.00116	.00090	.00031	-.00005	-.00027	.00004
SDev	.00256	.00005	.00013	.00008	.00012	.00030	.00009
%RSD	29.593	4.0444	14.679	25.685	240.37	111.11	195.66
#1	.00684	-.00112	.00081	.00025	-.00013	-.00006	-.00002
#2	.01047	-.00119	.00100	.00037	.00003	-.00049	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	-.00042	.00017	-.00033	.02234	.00025	.00043
SDev	.01394	.00003	.00004	.00006	.00917	.00010	.00053
%RSD	2014.2	5.9437	26.203	18.283	41.051	39.533	123.43
#1	-.01055	-.00040	.00014	-.00037	.02882	.00018	.00081
#2	.00916	-.00044	.00020	-.00029	.01585	.00031	.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.01899	.00016	.00010	-.00049	.08746	-.00085
SDev	.00149	.00141	.00008	.00009	.00056	.00028	.00011

%RSD	79.691	7.4380	52.578	83.871	114.47	.31474	12.302
#1	.00082	.01800	.00010	.00004	-.00089	.08726	-.00078
#2	.00293	.01999	.00022	.00016	-.00009	.08765	-.00093

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.14336	.01475	-.00005	-.00184	.00196	.00006
SDev	.00003	.01002	.00253	.00007	.00114	.00121	.00014
%RSD	6.7622	6.9930	17.140	148.46	61.646	62.017	243.64
#1	.00046	.13627	.01296	-.00010	-.00104	.00110	-.00004
#2	.00042	.15045	.01654	.00000	-.00265	.00282	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.03317	.00287	-.00079	.00240	.00161
SDev	.00018	.00229	.00091	.00034	.00145	.00297
%RSD	137.18	6.9169	31.705	43.544	60.506	184.59
#1	.00000	.03155	.00352	-.00055	.00343	-.00049
#2	.00026	.03479	.00223	-.00103	.00138	.00370

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27761	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1324504	--	--	--	--	--	--
#1	27735	--	--	--	--	--	--
#2	27787	--	--	--	--	--	--

01/25/12 07:27:15 PM page 28

Method: 20076010 Sample Name: lcs 600-70830/2-a Operator: SRP
Run Time: 01/25/12 19:23:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9112	1.0228	1.0261	1.0284	.50196	1.0283	.52596
SDev	.0069	.0023	.0035	.0017	.00139	.0013	.00118
%RSD	.06922	.22060	.34008	.16978	.27775	.12708	.22378
#1	9.9161	1.0212	1.0285	1.0296	.50295	1.0292	.52680
#2	9.9064	1.0244	1.0236	1.0272	.50098	1.0274	.52513

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.286	1.0071	1.0154	.99086	10.397	.47642	1.0273
SDev	.031	.0023	.0029	.00094	.034	.00091	.0025
%RSD	.29695	.22904	.29012	.09486	.32760	.19090	.24252
#1	10.308	1.0087	1.0175	.99152	10.421	.47706	1.0291
#2	10.264	1.0054	1.0134	.99019	10.373	.47578	1.0256

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0263	10.093	1.0070	1.0419	1.0520	9.9745	.95088
SDev	.0018	.022	.0024	.0017	.0074	.0255	.00348
%RSD	.17855	.22037	.23817	.16548	.70634	.25586	.36612
#1	1.0250	10.109	1.0087	1.0407	1.0572	9.9925	.95334
#2	1.0276	10.078	1.0053	1.0431	1.0467	9.9564	.94842

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50931	9.7557	9.7686	.51426	1.0617	1.0329	1.0214
SDev	.00084	.1607	.0095	.00114	.0069	.0052	.0019
%RSD	.16415	1.6471	.09720	.22205	.64629	.50669	.18364
#1	.50991	9.8693	9.7753	.51506	1.0568	1.0366	1.0227
#2	.50872	9.6421	9.7619	.51345	1.0665	1.0292	1.0200

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0164	1.0644	1.0035	1.0393	1.0112	1.0338
SDev	.0015	.0006	.0013	.0031	.0041	.0048
%RSD	.15082	.05908	.13196	.29591	.40617	.46450
#1	1.0175	1.0649	1.0044	1.0415	1.0141	1.0304
#2	1.0153	1.0640	1.0026	1.0371	1.0083	1.0372

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27550	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0384988	--	--	--	--	--	--

#1	27543	--	--	--	--	--	--
#2	27558	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70826/1-b Operator: SRP
Run Time: 01/25/12 19:27:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00632	.00055	.00143	.00087	-.00006	.00135	.00012
SDev	.00007	.00156	.00141	.00001	.00002	.00133	.00008
%RSD	1.0860	285.14	98.250	1.1963	28.502	98.557	64.855
#1	.00627	.00165	.00044	.00086	-.00007	.00229	.00018
#2	.00637	-.00056	.00243	.00087	-.00005	.00041	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00810	-.00026	.00029	-.00012	.01535	.00022	-.00029
SDev	.00194	.00000	.00004	.00006	.00422	.00002	.00060
%RSD	23.931	.06256	14.965	50.783	27.477	8.7238	205.70
#1	.00673	-.00026	.00026	-.00016	.01834	.00020	.00013
#2	.00947	-.00026	.00032	-.00008	.01237	.00023	-.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	.01703	.00041	.00313	.00014	.07427	.00131
SDev	.00010	.00132	.00000	.00142	.00046	.00133	.00075
%RSD	3.2920	7.7287	.19741	45.456	333.99	1.7911	57.518
#1	.00303	.01610	.00041	.00414	.00046	.07333	.00185
#2	.00318	.01796	.00041	.00212	-.00019	.07521	.00078

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.14670	.01305	.00012	.00328	.00165	.00017
SDev	.00024	.02553	.00005	.00001	.00171	.00156	.00003
%RSD	63.253	17.402	.34667	7.7278	52.041	94.514	19.214
#1	.00055	.16475	.01308	.00011	.00449	.00055	.00019
#2	.00021	.12865	.01302	.00013	.00208	.00275	.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.03144	.00331	-.00209	.00036	.00448
SDev	.00001	.00009	.00043	.00111	.00104	.00068
%RSD	43.758	.29704	12.989	53.119	289.96	15.072
#1	.00004	.03138	.00300	-.00130	.00110	.00400
#2	.00002	.03151	.00361	-.00287	-.00038	.00495

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 07:31:06 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27896	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1546253	--	--	--	--	--	--
#1	27865	--	--	--	--	--	--
#2	27926	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-b Operator: SRP
Run Time: 01/25/12 19:31:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01567	.00058	.11727	.10986	-.00019	.11178	.00011
SDev	.00278	.00070	.00214	.00157	.00005	.00153	.00000
%RSD	17.758	120.12	1.8284	1.4274	25.705	1.3672	.46310
#1	.01764	.00009	.11879	.11097	-.00022	.11286	.00011
#2	.01371	.00108	.11576	.10875	-.00015	.11070	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	170.05	.00139	.01087	.00376	.11713	.00500	-.00014
SDev	2.38	.00010	.00037	.00025	.02161	.00009	.00015
%RSD	1.4005	7.0187	3.4326	6.6169	18.447	1.8557	103.25

#1	171.73	.00146	.01113	.00359	.13241	.00507	-.00004
#2	168.37	.00132	.01060	.00394	.10185	.00494	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	30.515	1.5750	.00872	.13448	10.859	4.5959
SDev	.00122	.449	.0230	.00072	.00311	.172	.0625
%RSD	72.508	1.4722	1.4633	8.2004	2.3148	1.5840	1.3593

#1	.00082	30.832	1.5913	.00922	.13668	10.980	4.6401
#2	.00254	30.197	1.5587	.00821	.13228	10.737	4.5518

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	114.55	96.499	.83291	-.00207	.00248	-.00087
SDev	.00028	1.50	1.304	.01257	.00235	.00133	.00002
%RSD	62.791	1.3058	1.3512	1.5088	113.62	53.372	2.6000

#1	.00063	115.61	97.421	.84180	-.00041	.00342	-.00088
#2	.00024	113.50	95.577	.82403	-.00373	.00155	-.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.12676	.00096	-.00069	.00097	.00203
SDev	.00008	.00141	.00088	.00066	.00284	.00040
%RSD	82.607	1.1125	91.417	95.052	292.03	19.786

#1	-.00016	.12776	.00034	-.00023	-.00104	.00174

#2	-.00004	.12576	.00158	-.00116	.00299	.00231

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27166	--	--	--	--	--	--
SDev	320.3194	--	--	--	--	--	--
%RSD	1.179140	--	--	--	--	--	--

#1	26939	--	--	--	--	--	--
#2	27392	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-c du Operator: SRP
Run Time: 01/25/12 19:35:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01339	-.00034	.11457	.10983	-.00017	.11035	.00023
SDev	.00139	.00057	.00304	.00029	.00001	.00007	.00008
%RSD	10.417	167.66	2.6558	.26113	6.8709	.06249	33.541

#1	.01437	-.00074	.11672	.11003	-.00018	.11040	.00029
#2	.01240	.00006	.11242	.10962	-.00016	.11030	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.92	.00107	.01119	.00390	.13247	.00498	-.00007

SDev	.22	.00013	.00017	.00016	.00091	.00001	.00008
%RSD	.13057	11.986	1.5146	4.1959	.68737	.23292	107.38
#1	168.76	.00116	.01131	.00401	.13312	.00499	-.00013
#2	169.07	.00098	.01107	.00378	.13183	.00498	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	30.305	1.5639	.00859	.13366	10.805	4.5629
SDev	.00082	.007	.0011	.00040	.00016	.036	.0085
%RSD	315.71	.02378	.07100	4.7216	.11664	.33186	.18710
#1	.00084	30.300	1.5631	.00887	.13355	10.830	4.5690
#2	-.00032	30.310	1.5647	.00830	.13377	10.780	4.5569

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	114.36	96.322	.82766	.00144	.00106	-.00088
SDev	.00003	.42	.366	.00173	.00221	.00011	.00007
%RSD	7.1345	.36776	.37975	.20888	152.92	9.9542	7.6198
#1	.00046	114.66	96.581	.82888	-.00012	.00099	-.00083
#2	.00041	114.06	96.064	.82643	.00301	.00113	-.00093

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.12402	.00449	-.00235	.00198	-.00060

SDev	.00000	.00053	.00175	.00099	.00229	.00009
%RSD	10.397	.42743	38.929	42.055	115.32	15.562
#1	-.00003	.12365	.00572	-.00305	.00360	-.00053
#2	-.00004	.12440	.00325	-.00165	.00037	-.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27112	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0365133	--	--	--	--	--	--
#1	27119	--	--	--	--	--	--
#2	27105	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-d ms Operator: SRP
Run Time: 01/25/12 19:38:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.119	1.0350	1.1555	1.1173	.49345	1.1515	.50457
SDev	.011	.0004	.0081	.0027	.00080	.0022	.00090
%RSD	.10481	.03929	.70513	.24019	.16110	.18982	.17942
#1	10.112	1.0347	1.1498	1.1154	.49289	1.1500	.50521
#2	10.127	1.0353	1.1613	1.1192	.49401	1.1531	.50393

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.13	.97749	.99644	.98873	10.160	.54722	1.0012
SDev	.08	.00163	.00180	.00196	.003	.00054	.0022
%RSD	.04351	.16679	.18024	.19831	.02570	.09829	.22027
#1	178.08	.97634	.99517	.98734	10.158	.54684	.99963
#2	178.19	.97865	.99771	.99011	10.162	.54760	1.0028

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0293	40.124	2.5295	1.0416	1.1365	22.717	5.6409
SDev	.0032	.057	.0031	.0029	.0024	.015	.0053
%RSD	.30722	.14166	.12089	.28235	.20934	.06544	.09348
#1	1.0270	40.083	2.5273	1.0395	1.1382	22.707	5.6372
#2	1.0315	40.164	2.5316	1.0437	1.1348	22.728	5.6447

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51007	126.59	106.28	1.3386	1.0568	1.0303	1.0032
SDev	.00111	.08	.02	.0027	.0113	.0011	.0020
%RSD	.21777	.06303	.01721	.19964	1.0669	.10727	.19850
#1	.50928	126.53	106.27	1.3367	1.0488	1.0311	1.0018
#2	.51085	126.65	106.29	1.3405	1.0647	1.0296	1.0046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0011	1.1359	.97517	1.0142	1.0197	1.0341
SDev	.0009	.0020	.00112	.0027	.0027	.0034
%RSD	.09407	.17698	.11439	.27119	.26378	.32863
#1	1.0005	1.1345	.97438	1.0123	1.0177	1.0317
#2	1.0018	1.1373	.97596	1.0162	1.0216	1.0365

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27030	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.2851501	--	--	--	--	--	--
#1	27084	--	--	--	--	--	--
#2	26975	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-e msd Operator: SRP
Run Time: 01/25/12 19:42:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.217	1.0434	1.1565	1.1295	.49475	1.1589	.50368
SDev	.014	.0002	.0005	.0010	.00015	.0003	.00041
%RSD	.13345	.02091	.03977	.09192	.02953	.02542	.08103
#1	10.207	1.0436	1.1562	1.1287	.49464	1.1587	.50397
#2	10.226	1.0433	1.1569	1.1302	.49485	1.1591	.50340

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.20	.97888	.99789	.99918	10.183	.55363	1.0005
SDev	.03	.00020	.00059	.00268	.017	.00075	.0000
%RSD	.01790	.02081	.05928	.26854	.16667	.13609	.00051
#1	178.22	.97903	.99831	.99728	10.195	.55310	1.0005
#2	178.17	.97874	.99747	1.0011	10.171	.55417	1.0005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0336	40.239	2.5374	1.0446	1.1287	22.995	5.6685
SDev	.0017	.016	.0003	.0016	.0004	.008	.0042
%RSD	.16922	.03892	.01326	.15335	.03928	.03677	.07387
#1	1.0324	40.228	2.5376	1.0435	1.1291	22.989	5.6656
#2	1.0348	40.250	2.5372	1.0458	1.1284	23.001	5.6715

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51335	127.88	107.48	1.3499	1.0615	1.0285	1.0085
SDev	.00003	.11	.06	.0009	.0036	.0027	.0006

%RSD	.00620	.08732	.05448	.06849	.33674	.26285	.05922
#1	.51332	127.80	107.44	1.3492	1.0590	1.0304	1.0081
#2	.51337	127.96	107.52	1.3505	1.0641	1.0266	1.0090

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0055	1.1371	.97770	1.0119	1.0241	1.0384
SDev	.0005	.0008	.00043	.0002	.0053	.0000
%RSD	.05135	.06993	.04368	.02185	.51469	.00114
#1	1.0052	1.1365	.97740	1.0121	1.0204	1.0384
#2	1.0059	1.1376	.97801	1.0118	1.0278	1.0383

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26633	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1168201	--	--	--	--	--	--
#1	26611	--	--	--	--	--	--
#2	26655	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49310-b-1-b Operator: SRP
Run Time: 01/25/12 19:46:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8005	1.0181	1.1176	1.0918	.47038	1.1137	.48709
SDev	.0121	.0008	.0050	.0006	.00156	.0029	.00157
%RSD	.12374	.07623	.44968	.05629	.33178	.26313	.32282

#1	9.8090	1.0186	1.1141	1.0913	.46928	1.1116	.48598
#2	9.7919	1.0175	1.1212	1.0922	.47149	1.1158	.48821

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	179.85	.94705	.95338	.95628	9.7156	1.0747	.96721
SDev	.55	.00296	.00205	.00016	.0156	.0003	.00442
%RSD	.30809	.31271	.21477	.01718	.16024	.02936	.45736
#1	179.46	.94496	.95193	.95616	9.7046	1.0749	.96408
#2	180.24	.94915	.95483	.95640	9.7266	1.0745	.97033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98005	40.157	2.5295	.99805	1.0945	22.566	5.7400
SDev	.00339	.099	.0065	.00668	.0066	.005	.0002
%RSD	.34612	.24644	.25777	.66952	.60557	.02381	.00303
#1	.97765	40.087	2.5249	.99332	1.0898	22.569	5.7399
#2	.98245	40.227	2.5342	1.0028	1.0991	22.562	5.7401

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48880	128.26	107.87	1.3332	1.0072	.98019	.96753
SDev	.00162	.18	.08	.0010	.0135	.00134	.00175
%RSD	.33172	.13740	.07514	.07144	1.3360	.13679	.18070
#1	.48766	128.39	107.92	1.3326	.99769	.97924	.96630
#2	.48995	128.14	107.81	1.3339	1.0167	.98114	.96877

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95874	1.1021	.94738	.97712	.96912	.98552
SDev	.00301	.0032	.00494	.00416	.00496	.00261
%RSD	.31436	.29400	.52176	.42614	.51181	.26465
#1	.95660	1.0998	.94389	.97418	.96561	.98368
#2	.96087	1.1044	.95088	.98006	.97262	.98737

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26560	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0665587	--	--	--	--	--	--
#1	26572	--	--	--	--	--	--
#2	26547	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49310-b-1-b@5 Operator: SRP
Run Time: 01/25/12 19:50:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01115	.00177	.02658	.02501	-.00012	.02672	.00016
SDev	.00345	.00008	.00018	.00001	.00002	.00054	.00014

%RSD	30.961	4.7156	.67952	.05562	14.602	2.0182	88.791
#1	.00871	.00183	.02645	.02500	-.00013	.02710	.00006
#2	.01359	.00171	.02670	.02502	-.00011	.02634	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.298	.00037	.00270	.00046	.05591	.00131	.00037
SDev	.031	.00008	.00004	.00014	.00407	.00008	.00021
%RSD	.07978	20.924	1.4937	29.768	7.2718	5.8354	56.559
#1	39.321	.00032	.00273	.00037	.05878	.00125	.00052
#2	39.276	.00043	.00267	.00056	.05303	.00136	.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	6.9205	.36016	.00478	.03099	2.1040	1.0041
SDev	.00382	.0005	.00038	.00124	.00027	.0031	.0035
%RSD	922.50	.00664	.10549	25.918	.86015	.14533	.34482

#1	.00312	6.9202	.36043	.00565	.03118	2.1018	1.0065
#2	-.00229	6.9208	.35990	.00390	.03080	2.1062	1.0016

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	22.307	20.533	.18420	.00406	.00211	-.00004
SDev	.00019	.027	.005	.00003	.00250	.00067	.00005
%RSD	93.645	.12276	.02243	.01727	61.633	31.860	104.18
#1	.00033	22.327	20.536	.18422	.00583	.00164	-.00001
#2	.00007	22.288	20.530	.18417	.00229	.00259	-.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.04586	.00278	-.00084	-.00241	.00182
SDev	.00008	.00027	.00005	.00034	.00913	.00117
%RSD	67.368	.59758	1.7949	40.403	379.48	63.956
#1	.00006	.04567	.00274	-.00060	.00405	.00265
#2	.00017	.04606	.00281	-.00107	-.00887	.00100

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27299	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1761356	--	--	--	--	--	--
#1	27333	--	--	--	--	--	--
#2	27265	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 19:54:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.4705	.50764	.50753	.50576	.49818	.50629	.52352
SDev	.0053	.00082	.00262	.00019	.00009	.00045	.00023
%RSD	.21366	.16126	.51570	.03857	.01776	.08888	.04413
#1	2.4668	.50822	.50568	.50562	.49824	.50597	.52368
#2	2.4743	.50706	.50938	.50589	.49811	.50661	.52335

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.724	.50021	.50259	.48983	2.6167	.47376	.50976
SDev	.004	.00032	.00028	.00049	.0006	.00076	.00085
%RSD	.03223	.06314	.05542	.10010	.02303	.16010	.16629
#1	12.726	.50044	.50240	.48948	2.6162	.47323	.50916
#2	12.721	.49999	.50279	.49018	2.6171	.47430	.51036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50922	5.0185	.49806	.51608	.51646	12.207	.94920
SDev	.00192	.0018	.00019	.00243	.00193	.023	.00086
%RSD	.37699	.03536	.03779	.47121	.37414	.19018	.09048
#1	.51058	5.0197	.49819	.51436	.51510	12.191	.94981
#2	.50786	5.0172	.49792	.51780	.51783	12.224	.94859

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24984	12.565	12.000	.25276	.52191	.52712	.50834
SDev	.00003	.028	.031	.00021	.00604	.00110	.00021
%RSD	.01285	.22289	.25749	.08360	1.1579	.20860	.04133
#1	.24982	12.584	11.978	.25261	.51763	.52790	.50848
#2	.24986	12.545	12.021	.25291	.52618	.52634	.50819

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50366	.53891	.50125	.51401	.50851	.50963
SDev	.00009	.00030	.00099	.00077	.00146	.00361
%RSD	.01739	.05532	.19812	.15077	.28743	.70842
#1	.50360	.53912	.50055	.51346	.50748	.51218
#2	.50372	.53870	.50196	.51456	.50955	.50708

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27430	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0128891	--	--	--	--	--	--
#1	27433	--	--	--	--	--	--
#2	27428	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 19:58:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01705	.00163	-.00066	.00033	.00022	.00123	.00030
SDev	.00247	.00092	.00022	.00001	.00002	.00076	.00025
%RSD	14.461	56.533	32.964	3.6165	7.0384	61.987	82.983
#1	.01879	.00228	-.00082	.00034	.00021	.00177	.00048
#2	.01531	.00098	-.00051	.00032	.00023	.00069	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02139	-.00003	.00049	-.00039	.01679	.00050	-.00009
SDev	.00020	.00033	.00034	.00023	.02091	.00002	.00022
%RSD	.92901	1120.7	68.947	58.868	124.52	3.2114	237.44

#1	.02125	.00020	.00073	-.00023	.03158	.00049	.00006
#2	.02153	-.00026	.00025	-.00055	.00201	.00051	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00312	.02348	.00036	.00160	.00034	.08549	-.00643
SDev	.00023	.00101	.00003	.00066	.00003	.00047	.00007
%RSD	7.2636	4.3131	7.8380	41.150	10.414	.55528	1.0311
#1	.00296	.02419	.00037	.00207	.00036	.08582	-.00639
#2	.00328	.02276	.00034	.00113	.00031	.08515	-.00648

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.06869	.01298	.00019	.00383	.00024	.00034
SDev	.00055	.17281	.00087	.00001	.00173	.00052	.00009
%RSD	130.29	251.57	6.7350	2.8923	45.246	218.37	27.960
#1	.00081	.19089	.01236	.00019	.00506	-.00013	.00040
#2	.00003	-.05350	.01360	.00018	.00261	.00060	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.01945	.00479	-.00253	.00618	.00158
SDev	.00010	.00041	.00056	.00061	.00125	.00029
%RSD	115.47	2.1143	11.679	23.887	20.270	18.155
#1	.00015	.01974	.00440	-.00211	.00530	.00178
#2	.00002	.01916	.00519	-.00296	.00707	.00138

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27646	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0076733	--	--	--	--	--	--
#1	27644	--	--	--	--	--	--
#2	27647	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP

Run Time: 01/25/12 20:01:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10563	.01076	.00917	.01049	.00486	.01024	.00541
SDev	.00076	.00071	.00005	.00000	.00000	.00049	.00005
%RSD	.71640	6.5750	.57024	.00495	.02603	4.8180	.87041
#1	.10510	.01126	.00921	.01049	.00486	.01059	.00537
#2	.10617	.01026	.00914	.01049	.00486	.00989	.00544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08955	.01020	.01001	.00903	.11012	.00919	.01156
SDev	.00074	.00021	.00005	.00001	.00333	.00001	.00042
%RSD	.82410	2.0506	.48140	.08124	3.0249	.09578	3.6242
#1	.08903	.01035	.01004	.00903	.10777	.00919	.01186
#2	.09007	.01005	.00997	.00902	.11248	.00920	.01127

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00976	.10384	.01038	.01103	.01059	.62085	.00361
SDev	.00143	.00030	.00003	.00090	.00074	.00032	.00012
%RSD	14.638	.29347	.33222	8.1644	6.9846	.05181	3.3388
#1	.00875	.10405	.01041	.01166	.01111	.62063	.00353
#2	.01077	.10362	.01036	.01039	.01006	.62108	.00370

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00526	.64018	.54898	.00505	.00880	.01196	.01030
SDev	.00043	.00017	.00228	.00001	.00015	.00082	.00002
%RSD	8.0862	.02735	.41525	.10206	1.6423	6.8514	.21959
#1	.00496	.64030	.54737	.00506	.00891	.01254	.01028
#2	.00556	.64006	.55060	.00505	.00870	.01138	.01031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00982	.02701	.01581	.00944	.00949	.00989
SDev	.00007	.00032	.00089	.00107	.00478	.00025
%RSD	.76323	1.1862	5.6243	11.370	50.341	2.4832
#1	.00976	.02724	.01518	.01020	.00611	.01007
#2	.00987	.02679	.01644	.00868	.01287	.00972

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27456	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0618100	--	--	--	--	--	--
#1	27444	--	--	--	--	--	--

#2	27468	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/25/12 20:05:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	493.09	-.00014	-.00199	.00162	-.00040	-.00353	.00590
SDev	.38	.00164	.00035	.00002	.00004	.00050	.00002

%RSD	.07767	1143.7	17.386	1.2386	9.8299	14.189	.41041
#1	493.37	-.00130	-.00223	.00160	-.00043	-.00389	.00591
#2	492.82	.00102	-.00174	.00163	-.00037	-.00318	.00588

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	454.01	.00105	.00015	.01211	191.51	.00475	.01150
SDev	.59	.00017	.00028	.00007	.00	.00004	.00152
%RSD	.13002	15.921	187.08	.59667	.00197	.84301	13.204
#1	453.59	.00093	.00035	.01206	191.51	.00478	.01257
#2	454.43	.00117	-.00005	.01216	191.51	.00472	.01043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01126	498.99	-.00795	-.00051	.00182	.16328	.00656
SDev	.00063	.41	.00004	.00022	.00049	.00599	.00039
%RSD	5.6028	.08164	.48309	43.496	26.684	3.6712	5.9715
#1	-.01082	498.70	-.00792	-.00067	.00216	.15905	.00628
#2	-.01171	499.27	-.00797	-.00035	.00147	.16752	.00683

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.24216	.16398	-.00902	.01543	.00457	-.00266
SDev	.00007	.21278	.00156	.00001	.00448	.00291	.00001
%RSD	29.213	87.868	.95322	.11940	29.037	63.533	.49860
#1	-.00018	.39262	.16287	-.00901	.01860	.00252	-.00267
#2	-.00028	.09170	.16508	-.00903	.01226	.00663	-.00266

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.02673	-.06268	.04859	.00564	-.01971
SDev	.00049	.00051	.00425	.00015	.00416	.00113
%RSD	10.245	1.9160	6.7803	.31392	73.728	5.7413
#1	.00448	.02636	-.05968	.04870	.00858	-.02051
#2	.00518	.02709	-.06569	.04848	.00270	-.01891

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24998	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--

%RSD	.0084858	--	--	--	--	--	--
#1	25000	--	--	--	--	--	--
#2	24997	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/25/12 20:09:41
Comment: TRACE 61E

Analysis Report Blank Sample 01/25/12 08:13:29 PM page 41

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	501.87	1.0521	1.0329	1.0327	.47421	1.0489	.49116
SDev	.17	.0019	.0053	.0004	.00033	.0001	.00103
%RSD	.03485	.17668	.51740	.03579	.06923	.00610	.20884
#1	502.00	1.0534	1.0291	1.0325	.47398	1.0489	.49043
#2	501.75	1.0508	1.0367	1.0330	.47445	1.0488	.49189

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.58	.95172	.92152	1.0420	200.97	1.2425	.98460
SDev	.28	.00073	.00057	.0000	.11	.0010	.00220
%RSD	.06016	.07639	.06142	.00054	.05230	.08052	.22381
#1	461.38	.95120	.92112	1.0420	200.90	1.2432	.98304
#2	461.78	.95223	.92192	1.0420	201.04	1.2418	.98616

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98856	508.76	.95335	1.0037	.92685	14.588	.96129
SDev	.00021	.35	.00027	.0023	.00457	.030	.00211
%RSD	.02112	.06856	.02851	.22817	.49339	.20320	.21929
#1	.98842	508.51	.95316	1.0020	.93008	14.609	.96278
#2	.98871	509.00	.95354	1.0053	.92361	14.567	.95980

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53366	12.206	13.721	.50106	1.0130	1.0101	.98690
SDev	.00078	.094	.023	.00015	.0035	.0006	.00016
%RSD	.14555	.77193	.16795	.03004	.34864	.05462	.01655
#1	.53312	12.273	13.737	.50117	1.0106	1.0097	.98679
#2	.53421	12.139	13.705	.50096	1.0155	1.0105	.98702

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97666	1.0419	.88639	1.0337	.99324	.98623
SDev	.00008	.0018	.00037	.0031	.00234	.00085
%RSD	.00789	.16955	.04193	.30178	.23525	.08670
#1	.97672	1.0406	.88612	1.0315	.99159	.98683
#2	.97661	1.0431	.88665	1.0359	.99489	.98562

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24877	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	24877	--	--	--	--	--	--
#2	24877	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 08:13:29 PM page 42

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 20:13:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7710	.50765	.50448	.50586	.49362	.50423	.51674
SDev	.1766	.00344	.00146	.00028	.00031	.00064	.00025
%RSD	6.3734	.67744	.28995	.05543	.06345	.12598	.04886
#1	2.8959	.51008	.50552	.50566	.49384	.50378	.51692
#2	2.6461	.50522	.50345	.50606	.49340	.50468	.51656

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.877	.49604	.49914	.49092	2.7183	.47561	.50606
SDev	.189	.00067	.00016	.00082	.0802	.00085	.00164
%RSD	1.4673	.13573	.03129	.16662	2.9521	.17783	.32337
#1	13.010	.49651	.49925	.49034	2.7751	.47501	.50721
#2	12.743	.49556	.49903	.49150	2.6616	.47621	.50490

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51119	5.2897	.49558	.51405	.50083	12.255	.94187
SDev	.00009	.1986	.00014	.00106	.00019	.037	.00006
%RSD	.01789	3.7548	.02871	.20644	.03800	.30368	.00661
#1	.51126	5.4302	.49568	.51480	.50097	12.229	.94191
#2	.51113	5.1493	.49548	.51330	.50070	12.281	.94182

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24940	12.611	12.007	.25248	.52077	.52163	.50676
SDev	.00007	.047	.029	.00013	.00313	.00011	.00015
%RSD	.02746	.36886	.24108	.05197	.60183	.02045	.02904
#1	.24935	12.578	11.986	.25239	.51855	.52171	.50686
#2	.24945	12.644	12.027	.25257	.52299	.52156	.50665

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50164	.53359	.49757	.51030	.50484	.51443
SDev	.00008	.00062	.00035	.00228	.00310	.00141
%RSD	.01624	.11703	.07017	.44681	.61378	.27451
#1	.50158	.53404	.49782	.51191	.50703	.51343
#2	.50170	.53315	.49733	.50868	.50265	.51543

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27061	--	--	--	--	--	--

SDev	29.69848	--	--	--	--	--	--
%RSD	.1097464	--	--	--	--	--	--
#1	27040	--	--	--	--	--	--
#2	27082	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 20:17:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12802	.00013	.00182	.00054	.00040	.00133	.00055
SDev	.05512	.00051	.00151	.00017	.00013	.00051	.00020
%RSD	43.056	387.47	82.894	31.962	31.401	38.207	35.804
#1	.16699	.00049	.00288	.00067	.00049	.00169	.00069
#2	.08904	-.00023	.00075	.00042	.00031	.00097	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14624	.00020	.00053	-.00025	.05949	.00060	.00048
SDev	.06407	.00015	.00013	.00033	.02110	.00018	.00010
%RSD	43.810	76.189	24.236	134.00	35.473	29.910	21.495
#1	.19154	.00030	.00044	-.00001	.07442	.00073	.00041
#2	.10094	.00009	.00062	-.00048	.04457	.00047	.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.13938	.00062	.00263	.00078	.07641	-.00716
SDev	.00019	.05898	.00019	.00117	.00010	.00532	.00066
%RSD	12.058	42.313	31.066	44.426	12.344	6.9656	9.1895
#1	.00173	.18109	.00076	.00346	.00084	.08017	-.00762
#2	.00146	.09768	.00049	.00181	.00071	.07265	-.00669

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.02038	.02196	.00030	.00195	.00312	.00058
SDev	.00012	.00906	.00381	.00010	.00070	.00030	.00016
%RSD	36.102	44.438	17.354	31.845	35.994	9.7427	27.221
#1	.00025	.02678	.02466	.00037	.00245	.00290	.00069
#2	.00042	.01397	.01927	.00023	.00145	.00333	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.01756	.00216	-.00036	.00102	.00189
SDev	.00010	.00033	.00001	.00016	.00006	.00026
%RSD	46.651	1.8833	.28422	44.264	6.1749	13.656
#1	.00029	.01779	.00216	-.00047	.00107	.00207

#2	.00014	.01733	.00216	-.00025	.00098	.00170

Analysis Report Blank Sample 01/25/12 08:21:12 PM page 44

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27844	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1955473	--	--	--	--	--	--
#1	27805	--	--	--	--	--	--
#2	27882	--	--	--	--	--	--

Method: 20076010 01/30/12 10:45:00 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B013012	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/30/12 10:51:28 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/30/12 10:48:05

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01093	.00245	-.00106	.00041	-.02540	.00444	.00033
SDev	.00006	.00100	.00050	.00000	.00009	.00103	.00021
%RSD	.57073	40.849	47.007	.14958	.36693	23.223	62.974
#1	.01089	.00316	-.00071	.00041	-.02534	.00516	.00048
#2	.01097	.00174	-.00141	.00041	-.02547	.00371	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00700	.00041	-.00059	.00527	-.00089	.04175	.02158
SDev	.00002	.00016	.00000	.00006	.00021	.00017	.00001
%RSD	.22554	38.708	.14958	1.1455	23.425	.40100	.02798
#1	.00698	.00052	-.00059	.00531	-.00074	.04187	.02158
#2	.00701	.00030	-.00059	.00523	-.00104	.04163	.02158

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00033	.00059	-.00286	.31514	.04268	-.00037	-.00241
SDev	.00000	.00026	.00047	.00044	.00033	.00011	.00053
%RSD	.14958	44.329	16.382	.14125	.76445	28.428	21.903
#1	.00033	.00078	-.00253	.31545	.04291	-.00045	-.00279
#2	.00033	.00041	-.00319	.31482	.04245	-.00030	-.00204

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.12986	.00527	-.00206	.00085	-.00241	-.00002	.00167
SDev	.00098	.00006	.00002	.00194	.00010	.00003	.00000
%RSD	.75584	1.1455	1.1245	227.74	4.2020	141.42	.14958
#1	.13055	.00531	-.00204	-.00052	-.00234	.00000	.00167
#2	.12916	.00523	-.00208	.00222	-.00248	-.00004	.00167

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01141	-.00397	-.00735	.00599

SDev	.00130	.00183	.00125	.00128
%RSD	11.416	46.126	16.995	21.308
#1	.01233	-.00267	-.00646	.00509
#2	.01049	-.00526	-.00823	.00690

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26946	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1495800	--	--	--	--	--	--
#1	26917	--	--	--	--	--	--
#2	26974	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/30/12 10:51:45

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.2060	1.1703	1.1956	16.968	22.635	7.3345	12.762
SDev	.0024	.0016	.0002	.014	.021	.0025	.020
%RSD	.20221	.13979	.01639	.08273	.09282	.03357	.15782
#1	1.2078	1.1715	1.1955	16.959	22.620	7.3328	12.748
#2	1.2043	1.1692	1.1958	16.978	22.649	7.3363	12.776

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8523	2.3835	1.4065	1.7720	4.9493	25.303	1.2710
SDev	.0010	.0007	.0007	.0018	.0003	.031	.0002
%RSD	.03579	.02876	.05177	.10186	.00630	.12439	.01838
#1	2.8516	2.3839	1.4070	1.7733	4.9490	25.326	1.2708
#2	2.8530	2.3830	1.4060	1.7707	4.9495	25.281	1.2712

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0681	1.8950	5.4424	3.2752	1.0115	.92493	.17085
SDev	.0015	.0090	.0123	.0039	.0040	.00061	.00060
%RSD	.07416	.47425	.22582	.11804	.39904	.06583	.34865
#1	2.0670	1.8886	5.4511	3.2780	1.0144	.92536	.17127
#2	2.0692	1.9013	5.4337	3.2725	1.0087	.92450	.17043

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	21.473	52.213	.36110	2.7543	13.550	.63408	3.4266
SDev	.040	.046	.00045	.0006	.008	.00015	.0044
%RSD	.18797	.08882	.12454	.02123	.06261	.02291	.12982
#1	21.501	52.180	.36078	2.7538	13.544	.63419	3.4235
#2	21.444	52.246	.36142	2.7547	13.556	.63398	3.4298

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.0525	7.9582	1.3018	1.1566
SDev	.0054	.0082	.0020	.0005
%RSD	.13409	.10271	.15133	.04548
#1	4.0487	7.9524	1.3004	1.1562
#2	4.0564	7.9639	1.3032	1.1570

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27208	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1533319	--	--	--	--	--	--
#1	27238	--	--	--	--	--	--
#2	27179	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	16.7349	-.182903	01/30/12 10:51:45
Sb2068	206.838	STD	S0	1.71820	-.004210	01/30/12 10:51:45
As1890	189.042	STD	S0	1.65511	.001750	01/30/12 10:51:45
Ba4934	493.409	STD	S0	.117869	-.000048	01/30/12 10:51:45
Be3130	313.042	STD	S0	.044159	.001122	01/30/12 10:51:45
B_2496	249.678	STD	S0	.272848	-.001210	01/30/12 10:51:45
Cd2265	226.502	STD	S0	.078516	-.000026	01/30/12 10:51:45
Ca3179	317.933	STD	S0	7.02906	-.049172	01/30/12 10:51:45
Cr2677	267.716	STD	S0	.839259	-.000343	01/30/12 10:51:45
Co2286	228.616	STD	S0	1.42138	.000844	01/30/12 10:51:45
Cu3247	324.753	STD	S0	1.13142	-.005963	01/30/12 10:51:45
Fe2714	271.441	STD	S0	3.87301	.003449	01/30/12 10:51:45
Li6707	670.784	STD	S0	.079171	-.003305	01/30/12 10:51:45
Pb2203	220.353		NONE	.000000	.000000	*01/30/12 10:51:45
Se1960	196.026		NONE	.000000	.000000	*01/30/12 10:51:45
Mg2790	279.078	STD	S0	16.0074	-.345450	01/30/12 10:51:45
Mn2576	257.610	STD	S0	.967417	-.000323	01/30/12 10:51:45
Mo2020	202.030	STD	S0	1.05576	-.000627	01/30/12 10:51:45
Ni2316	231.604	STD	S0	.367294	.001049	01/30/12 10:51:45
K_7664	766.491	STD	S0	6.75656	-2.12924	01/30/12 10:51:45
Si2881	288.158	STD	S0	2.04528	-.087291	01/30/12 10:51:45
Ag3280	328.068	STD	S0	1.08102	.000401	01/30/12 10:51:45
Na3302	330.232	STD	S0	115.434	.278504	01/30/12 10:51:45
Na5889	588.995	STD	S0	.937075	-.121684	01/30/12 10:51:45
Sr4215	421.552	STD	S0	.019163	-.000101	01/30/12 10:51:45
Tl1908	190.864	STD	S0	5.52495	.011380	01/30/12 10:51:45
Sn1899	189.989	STD	S0	.726375	-.000619	01/30/12 10:51:45
Ti3349	334.941	STD	S0	.147579	.000356	01/30/12 10:51:45
V_2924	292.402	STD	S0	3.12384	.000058	01/30/12 10:51:45
Zn2138	213.856	STD	S0	.584664	-.000976	01/30/12 10:51:45
2203/1	220.351	STD	S0	.497802	-.005681	01/30/12 10:51:45
2203/2	220.352	STD	S0	.250248	.000993	01/30/12 10:51:45
1960/1	196.021	STD	S0	1.52965	.011239	01/30/12 10:51:45
1960/2	196.022	STD	S0	1.73461	-.010395	01/30/12 10:51:45

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

Standardization Readback Report 01/30/12 10:55:10 AM page 4

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/30/12 10:55:10 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/30/12 10:55:10 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/30/12 10:59:49 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/30/12 10:56:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.339	2.0408	2.0287	2.0424	1.0086	2.0297	1.0061

SDev	.026	.0096	.0305	.0065	.0155	.0179	.0173
%RSD	.13002	.47047	1.5044	.31637	1.5363	.88006	1.7153
#1	20.321	2.0476	2.0503	2.0378	1.0196	2.0423	1.0183
#2	20.358	2.0340	2.0071	2.0470	.99767	2.0171	.99386

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.124	2.0170	2.0114	2.0352	20.183	2.0381	2.0094
SDev	.342	.0293	.0283	.0038	.275	.0119	.0189
%RSD	1.6995	1.4548	1.4069	.18685	1.3612	.58330	.93828
#1	20.366	2.0377	2.0314	2.0326	20.377	2.0297	2.0227
#2	19.882	1.9962	1.9914	2.0379	19.989	2.0465	1.9960

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0185	20.166	2.0171	2.0229	1.9869	20.406	2.0083
SDev	.0057	.250	.0245	.0200	.0308	.153	.0192
%RSD	.28289	1.2373	1.2126	.99108	1.5477	.74749	.95801
#1	2.0225	20.342	2.0344	2.0371	2.0086	20.298	2.0219
#2	2.0144	19.990	1.9998	2.0088	1.9652	20.514	1.9947

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0124	20.244	20.389	1.0199	2.0284	2.0112	2.0293
SDev	.0035	.064	.142	.0014	.0134	.0291	.0114
%RSD	.34176	.31556	.69519	.13340	.66288	1.4462	.56320
#1	1.0149	20.199	20.289	1.0189	2.0379	2.0318	2.0374
#2	1.0100	20.289	20.489	1.0209	2.0189	1.9906	2.0213

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0230	2.0199	1.9821	2.0230	1.9890	2.0332
SDev	.0189	.0243	.0189	.0377	.0272	.0222
%RSD	.93342	1.2033	.95437	1.8654	1.3683	1.0905
#1	2.0363	2.0371	1.9687	2.0497	1.9697	2.0489
#2	2.0096	2.0027	1.9955	1.9963	2.0082	2.0176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26642	--	--	--	--	--	--
SDev	207.8894	--	--	--	--	--	--
%RSD	.7803070	--	--	--	--	--	--

Analysis Report 01/30/12 10:59:49 AM page 2

#1	26789	--	--	--	--	--	--
#2	26495	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 10:59:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5504	.50799	.51486	.51067	.51883	.51181	.51353
SDev	.0080	.00136	.00245	.00128	.00286	.00279	.00265
%RSD	.31482	.26785	.47550	.25062	.55051	.54514	.51689
#1	2.5560	.50895	.51659	.51158	.52085	.51378	.51541
#2	2.5447	.50702	.51313	.50977	.51681	.50983	.51165

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.846	.51020	.51279	.51568	2.5711	.47509	.51378
SDev	.073	.00241	.00315	.00177	.0241	.00100	.00218
%RSD	.56454	.47299	.61500	.34236	.93551	.21008	.42385
#1	12.897	.51191	.51502	.51692	2.5881	.47579	.51532
#2	12.795	.50849	.51056	.51443	2.5541	.47438	.51224

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52065	5.1317	.50524	.52145	.50103	12.277	.96842
SDev	.00153	.0350	.00215	.00350	.00218	.023	.00726
%RSD	.29430	.68110	.42584	.67112	.43478	.18759	.74979
#1	.52173	5.1564	.50676	.52393	.50257	12.293	.97355
#2	.51956	5.1070	.50372	.51898	.49949	12.260	.96328

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25523	12.631	12.136	.25531	.52318	.52004	.51790
SDev	.00118	.105	.015	.00066	.00681	.00038	.00178
%RSD	.46270	.83271	.12721	.25718	1.3017	.07410	.34315
#1	.25607	12.705	12.147	.25577	.52800	.52031	.51916
#2	.25440	12.557	12.126	.25484	.51837	.51976	.51665

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51595	.52276	.50984	.51575	.51984	.52111
SDev	.00219	.00283	.00058	.00298	.00522	.00031
%RSD	.42407	.54166	.11396	.57702	1.0052	.06025
#1	.51750	.52476	.51025	.51786	.52354	.52089
#2	.51441	.52076	.50943	.51365	.51615	.52133

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/30/12 11:03:41 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27087	--	--	--	--	--	--
SDev	131.5219	--	--	--	--	--	--
%RSD	.4855534	--	--	--	--	--	--
#1	26994	--	--	--	--	--	--
#2	27180	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/30/12 11:03:45

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00959	.00037	.00224	.00024	.00006	.00339	.00026
SDev	.00286	.00005	.00077	.00007	.00002	.00095	.00017
%RSD	29.861	14.586	34.589	27.987	37.420	28.085	66.803
#1	.00757	.00033	.00169	.00019	.00005	.00406	.00038
#2	.01162	.00040	.00279	.00029	.00008	.00271	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00469	.00026	.00001	.00007	.00639	.00022	-.00026
SDev	.00098	.00007	.00030	.00011	.00139	.00002	.00093
%RSD	21.011	25.593	3682.2	164.53	21.675	10.711	353.96
#1	.00399	.00021	.00022	.00014	.00737	.00020	.00039
#2	.00538	.00031	-.00020	-.00001	.00541	.00023	-.00092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00135	.00633	-.00000	.00250	.00069	.00998	-.00025
SDev	.00348	.00213	.00000	.00063	.00039	.00793	.00001
%RSD	258.10	33.646	11.698	25.117	56.478	79.441	3.8630
#1	-.00111	.00482	-.00000	.00294	.00042	.00437	-.00026
#2	.00380	.00784	-.00000	.00205	.00097	.01558	-.00024

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.02693	.00367	.00010	.00549	-.00092	.00024
SDev	.00009	.00040	.00148	.00001	.00259	.00191	.00001
%RSD	59.213	1.5032	40.395	14.865	47.202	206.13	3.1738
#1	.00020	-.02664	.00262	.00009	.00732	-.00227	.00023
#2	.00008	-.02721	.00471	.00011	.00366	.00042	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00015	-.00068	-.00005	.00289	.00057
SDev	.00016	.00011	.00307	.00015	.00337	.00353
%RSD	36.780	71.582	454.50	273.94	116.39	615.55
#1	.00032	.00007	.00150	-.00016	.00051	-.00192

#2	.00054	.00023	-.00285	.00005	.00527	.00307	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27212	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1325265	--	--	--	--	--	--
#1	27237	--	--	--	--	--	--
#2	27186	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 11:13:17 AM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/30/12 11:09:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10713	.01173	.01174	.01061	.00507	.01177	.00537
SDev	.00039	.00071	.00042	.00008	.00005	.00026	.00007
%RSD	.36429	6.0349	3.5650	.71555	.91714	2.2006	1.3350
#1	.10686	.01123	.01203	.01067	.00510	.01195	.00542
#2	.10741	.01223	.01144	.01056	.00504	.01159	.00532

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09537	.01036	.01021	.01026	.11525	.00903	.01084
SDev	.00027	.00025	.00023	.00004	.02096	.00006	.00043
%RSD	.28777	2.4159	2.2291	.37108	18.188	.72143	3.9865
#1	.09518	.01053	.01005	.01024	.10043	.00907	.01114
#2	.09556	.01018	.01038	.01029	.13008	.00898	.01053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00954	.10855	.01022	.01090	.01082	.58342	.00816
SDev	.00127	.00266	.00006	.00085	.00033	.00848	.00035
%RSD	13.322	2.4496	.56637	7.8324	3.0508	1.4530	4.3250
#1	.01043	.11043	.01026	.01151	.01058	.58941	.00841
#2	.00864	.10667	.01018	.01030	.01105	.57742	.00792

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00533	.57991	.54688	.00510	.01215	.00995	.01054
SDev	.00049	.03185	.00042	.00003	.00028	.00149	.00011
%RSD	9.1320	5.4926	.07668	.52285	2.3201	14.938	1.0613
#1	.00499	.55739	.54718	.00512	.01195	.00890	.01062
#2	.00568	.60244	.54659	.00508	.01235	.01100	.01046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	.01084	.00863	.01194	.00715	.01073
SDev	.00020	.00013	.00033	.00081	.00244	.00069
%RSD	1.9329	1.2002	3.7778	6.7919	34.071	6.4065
#1	.01057	.01093	.00840	.01251	.00887	.01121
#2	.01029	.01075	.00886	.01137	.00543	.01024

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27378	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.3125077	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 11:13:17 AM page 2

#1	27318	--	--	--	--	--	--
#2	27439	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/30/12 11:13:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.60	.00114	-.00042	.00165	-.00032	-.00353	.00352
SDev	.89	.00748	.00365	.00003	.00003	.00076	.00027
%RSD	.17689	655.94	874.68	1.5192	7.8889	21.587	7.7616
#1	505.24	.00643	.00216	.00163	-.00030	-.00299	.00371
#2	503.97	-.00415	-.00300	.00167	-.00034	-.00407	.00333

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.25	.00093	-.00038	.01255	194.60	.00463	.00542
SDev	.07	.00039	.00000	.00009	.03	.00000	.00044
%RSD	.01534	41.902	.20519	.73096	.01517	.03939	8.1454
#1	456.20	.00066	-.00038	.01261	194.58	.00463	.00511
#2	456.30	.00121	-.00038	.01248	194.63	.00463	.00573

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01047	508.73	-.00773	-.00045	.00044	.10155	.00861
SDev	.00029	.30	.00000	.00012	.00001	.00790	.00054
%RSD	2.7583	.05833	.05427	26.991	2.5188	7.7767	6.2729
#1	-.01067	508.52	-.00772	-.00037	.00045	.09596	.00822
#2	-.01026	508.94	-.00773	-.00054	.00043	.10713	.00899

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	-.02240	.15510	-.00908	-.02449	-.00001	-.00254
SDev	.00022	.03667	.00094	.00002	.00051	.00061	.00004
%RSD	47.387	163.68	.60503	.16700	2.0803	7779.6	1.5890
#1	-.00031	-.04833	.15444	-.00909	-.02413	.00042	-.00251
#2	-.00062	.00353	.15577	-.00907	-.02485	-.00044	-.00257

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.00365	-.09285	.05456	-.00044	-.01548
SDev	.00018	.00034	.00076	.00028	.00092	.00003
%RSD	5.1286	9.3635	.81946	.51634	210.92	.18935
#1	.00364	.00389	-.09339	.05436	-.00109	-.01546
#2	.00339	.00341	-.09232	.05476	.00022	-.01550

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/30/12 11:17:09 AM page 3

Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24359	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0638628	--	--	--	--	--	--
#1	24370	--	--	--	--	--	--
#2	24348	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/30/12 11:17:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	468.91	.95584	.95483	.96284	.44786	.96888	.44098
SDev	28.16	.06392	.05621	.05794	.02671	.05841	.02593
%RSD	6.0052	6.6869	5.8866	6.0179	5.9644	6.0284	5.8813
#1	449.00	.91064	.91508	.92187	.42897	.92758	.42264
#2	488.83	1.0010	.99457	1.0038	.46675	1.0102	.45932

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	425.50	.88111	.85060	1.0037	186.81	1.1412	.90349
SDev	25.11	.05286	.05027	.0619	11.29	.0676	.04198
%RSD	5.9012	5.9996	5.9104	6.1629	6.0408	5.9208	4.6468
#1	407.74	.84373	.81505	.95995	178.83	1.0934	.87380
#2	443.25	.91849	.88615	1.0474	194.79	1.1890	.93318

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94075	474.22	.88031	.91444	.83267	13.430	.89318
SDev	.04542	28.35	.05251	.05812	.04380	.809	.05713
%RSD	4.8279	5.9779	5.9651	6.3559	5.2596	6.0243	6.3967
#1	.90863	454.17	.84318	.87334	.80170	12.858	.85278
#2	.97286	494.27	.91744	.95553	.86364	14.002	.93358

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49848	11.369	12.795	.46812	.89882	.91385	.91899
SDev	.02976	.645	.744	.02820	.05739	.05659	.05581
%RSD	5.9710	5.6762	5.8139	6.0230	6.3851	6.1919	6.0725
#1	.47744	10.912	12.269	.44818	.85824	.87384	.87953
#2	.51953	11.825	13.321	.48805	.93940	.95386	.95845

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90984	.93889	.80152	.95447	.92851	.94687
SDev	.05517	.05682	.04480	.04057	.05214	.04206
%RSD	6.0635	6.0516	5.5897	4.2509	5.6158	4.4416
#1	.87083	.89871	.76984	.92578	.89164	.91713

#2	.94885	.97906	.83320	.98316	.96539	.97661

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26258	--	--	--	--	--	--
SDev	1351.281	--	--	--	--	--	--
%RSD	5.146071	--	--	--	--	--	--
#1	27214	--	--	--	--	--	--
#2	25303	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 11:21:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7112	.50724	.50975	.50792	.51127	.50823	.51331
SDev	.1838	.00161	.00069	.00129	.00050	.00112	.00034
%RSD	6.7794	.31807	.13560	.25402	.09700	.22027	.06555
#1	2.5812	.50610	.51024	.50883	.51162	.50902	.51355
#2	2.8412	.50839	.50926	.50700	.51092	.50744	.51308

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.971	.50425	.50496	.51005	2.6605	.47067	.50938
SDev	.214	.00009	.00040	.00188	.0881	.00149	.00176
%RSD	1.6467	.01788	.07894	.36880	3.3116	.31734	.34463
#1	12.820	.50418	.50525	.51138	2.5982	.47172	.51062
#2	13.122	.50431	.50468	.50872	2.7228	.46961	.50814

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51270	5.2918	.50039	.51561	.49650	12.167	.95560
SDev	.00049	.2118	.00082	.00104	.00250	.043	.00238
%RSD	.09514	4.0020	.16370	.20256	.50440	.35648	.24956
#1	.51236	5.1420	.50097	.51487	.49827	12.198	.95729
#2	.51305	5.4415	.49981	.51635	.49472	12.136	.95392

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25301	12.635	12.004	.25468	.52915	.51467	.51311
SDev	.00035	.001	.057	.00067	.00187	.00289	.00101
%RSD	.13747	.00775	.47729	.26421	.35317	.56237	.19659
#1	.25326	12.634	12.044	.25516	.52783	.51262	.51382
#2	.25276	12.636	11.963	.25421	.53048	.51671	.51239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51106	.52099	.50156	.51329	.50454	.51684

Analysis Report Blank Sample 01/30/12 11:24:52 AM page 5

SDev	.00036	.00075	.00018	.00254	.00953	.00404
%RSD	.07086	.14306	.03569	.49557	1.8894	.78064
#1	.51131	.52152	.50169	.51509	.49780	.51969
#2	.51080	.52047	.50143	.51149	.51128	.51399

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27222	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.1376680	--	--	--	--	--	--
#1	27196	--	--	--	--	--	--
#2	27249	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 11:24:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02467	.00003	.00216	.00021	-.00004	.00211	.00022
SDev	.01034	.00122	.00008	.00007	.00003	.00038	.00019
%RSD	41.921	4667.9	3.6301	35.664	77.769	18.169	83.617
#1	.01736	-.00084	.00222	.00016	-.00006	.00238	.00009
#2	.03198	.00089	.00211	.00026	-.00002	.00183	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01419	-.00012	.00021	-.00071	.00425	.00011	-.00022
SDev	.00853	.00045	.00018	.00047	.00532	.00004	.00033
%RSD	60.123	379.52	84.441	66.446	125.28	38.162	153.74
#1	.00816	-.00043	.00008	-.00105	.00049	.00008	-.00045
#2	.02022	.00020	.00034	-.00038	.00801	.00014	.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	.01136	-.00008	.00169	.00062	-.06160	-.00644
SDev	.00265	.00876	.00005	.00055	.00062	.00694	.00051
%RSD	217.00	77.103	60.559	32.704	99.983	11.272	7.8676
#1	.00065	.00517	-.00012	.00208	.00106	-.06651	-.00680
#2	-.00310	.01755	-.00005	.00130	.00018	-.05669	-.00609

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.02031	.00335	.00008	.00457	.00024	.00028
SDev	.00019	.07374	.00111	.00004	.00434	.00066	.00014
%RSD	158.64	363.11	33.156	47.199	95.056	278.88	50.028
#1	-.00025	.03183	.00257	.00005	.00764	-.00023	.00018
#2	.00001	-.07245	.00414	.00011	.00150	.00071	.00038

Analysis Report Blank Sample 01/30/12 11:28:44 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00008	-.00047	-.00009	-.00107	-.00130
SDev	.00047	.00015	.00039	.00031	.00154	.00321
%RSD	157.29	188.37	82.385	336.92	143.56	247.41

#1	-.00003	-.00019	-.00074	-.00031	.00002	.00097
#2	.00063	.00003	-.00020	.00013	-.00217	-.00357

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28018	--	--	--	--	--	--
SDev	84.85281	--	--	--	--	--	--
%RSD	.3028511	--	--	--	--	--	--
#1	28078	--	--	--	--	--	--
#2	27958	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-71029/1-a Operator: SRP
Run Time: 01/30/12 11:28:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02830	-.00100	.00097	.00116	-.00018	.00117	.00016
SDev	.01888	.00114	.00035	.00016	.00013	.00023	.00014
%RSD	66.693	114.19	36.232	13.819	73.687	19.437	83.708
#1	.01496	-.00019	.00072	.00104	-.00028	.00101	.00007
#2	.04165	-.00180	.00122	.00127	-.00009	.00133	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00725	-.00013	.00046	.00064	.02379	-.00001	-.00017
SDev	.02284	.00038	.00004	.00017	.01472	.00009	.00094
%RSD	315.11	292.01	8.8106	26.043	61.853	1616.6	565.63
#1	-.00890	-.00040	.00043	.00052	.01339	-.00007	-.00083
#2	.02340	.00014	.00049	.00076	.03420	.00006	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00939	.00011	.00052	.00058	-.07914	-.00307
SDev	.00107	.01938	.00017	.00004	.00027	.01325	.00048
%RSD	2839.0	206.50	148.03	8.1726	46.052	16.742	15.614
#1	.00072	-.00432	-.00001	.00049	.00039	-.06977	-.00273
#2	-.00080	.02309	.00023	.00055	.00077	-.08851	-.00341

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.01691	.00063	-.00001	.00176	.00001	.00007
SDev	.00022	.04109	.00174	.00008	.00208	.00148	.00020

%RSD	91.656	243.01	275.87	584.38	118.11	21277.	263.37
#1	.00009	-.01214	-.00060	-.00007	.00029	.00105	-.00006
#2	.00040	.04596	.00186	.00005	.00323	-.00104	.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00474	-.00075	.00013	.00130	-.00071
SDev	.00008	.00018	.00095	.00094	.00143	.00089

%RSD	33.896	3.8006	125.99	741.41	110.03	126.66
#1	.00018	.00461	-.00142	-.00054	.00231	-.00007
#2	.00029	.00487	-.00008	.00079	.00029	-.00134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27601	--	--	--	--	--	--
SDev	278.6001	--	--	--	--	--	--
%RSD	1.009384	--	--	--	--	--	--
#1	27404	--	--	--	--	--	--
#2	27798	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71029/2-a Operator: SRP
Run Time: 01/30/12 11:32:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.025	.99831	1.0042	1.0311	.49969	1.0087	.50216
SDev	.008	.00190	.0032	.0023	.00034	.0020	.00018
%RSD	.07762	.18988	.31464	.22725	.06890	.19982	.03634
#1	10.031	.99697	1.0064	1.0295	.49945	1.0073	.50203
#2	10.020	.99965	1.0019	1.0328	.49993	1.0102	.50229

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.062	.98628	.99148	1.0226	10.222	.46908	.99912
SDev	.000	.00051	.00025	.0011	.012	.00021	.00189
%RSD	.00108	.05187	.02513	.10890	.12118	.04390	.18951
#1	10.062	.98592	.99130	1.0218	10.213	.46893	.99778
#2	10.062	.98665	.99165	1.0234	10.231	.46923	1.0005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	9.9835	.98739	1.0106	.97485	9.9124	.93241
SDev	.0096	.0040	.00051	.0051	.00248	.0083	.00060
%RSD	.95054	.04037	.05184	.50757	.25472	.08345	.06387
#1	1.0068	9.9806	.98703	1.0069	.97661	9.9183	.93199
#2	1.0204	9.9863	.98775	1.0142	.97310	9.9066	.93283

Analysis Report 01/30/12 11:36:26 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50764	9.6666	9.7490	.51520	1.0351	.98761	1.0110
SDev	.00002	.0532	.0076	.00080	.0098	.00039	.0016
%RSD	.00436	.55048	.07811	.15450	.94580	.03980	.16066
#1	.50766	9.6289	9.7544	.51463	1.0281	.98789	1.0098
#2	.50763	9.7042	9.7436	.51576	1.0420	.98733	1.0121

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0074	1.0248	.97815	1.0096	.98362	1.0285
SDev	.0010	.0001	.00195	.0019	.00998	.0095
%RSD	.10043	.01198	.19945	.18470	1.0144	.92001
#1	1.0067	1.0249	.97677	1.0083	.97657	1.0219
#2	1.0081	1.0248	.97953	1.0109	.99068	1.0352

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27131	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.4065779	--	--	--	--	--	--
#1	27209	--	--	--	--	--	--
#2	27053	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-a Operator: SRP
Run Time: 01/30/12 11:36:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57057	.00171	.00811	.26163	-.00011	.05310	.00111
SDev	.00686	.00043	.00068	.00087	.00000	.00017	.00003
%RSD	1.2032	25.381	8.4087	.33220	.41988	.31964	2.8887
#1	.57542	.00140	.00859	.26224	-.00011	.05322	.00113
#2	.56571	.00202	.00763	.26101	-.00011	.05298	.00109

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.243	.00386	.00245	.15475	.91997	.00337	.00414
SDev	.045	.00036	.00015	.00049	.00978	.00001	.00002
%RSD	.29266	9.4609	6.0124	.31976	1.0633	.13466	.48453
#1	15.275	.00360	.00255	.15510	.92688	.00337	.00413
#2	15.211	.00411	.00234	.15440	.91305	.00337	.00416

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	2.4934	.96119	.00354	.05430	7.0526	3.3953
SDev	.00152	.0077	.00256	.00106	.00048	.0229	.0115
%RSD	118.90	.30925	.26635	29.980	.88669	.32420	.33737

Analysis Report 01/30/12 11:40:17 AM page 9

#1	-.00020	2.4989	.96300	.00429	.05396	7.0688	3.4034
#2	-.00236	2.4880	.95938	.00279	.05464	7.0364	3.3872

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	35.624	32.125	.09711	.00218	.00072	.01677
SDev	.00036	.251	.137	.00023	.00653	.00125	.00166
%RSD	248.62	.70383	.42600	.23647	300.00	174.94	9.8783
#1	.00040	35.801	32.221	.09727	.00680	-.00017	.01794
#2	-.00011	35.447	32.028	.09694	-.00244	.00160	.01560

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00265	.72887	.00286	.00478	-.00048	-.00168
SDev	.00009	.00182	.00114	.00060	.00312	.00384
%RSD	3.4698	.24998	39.903	12.551	645.07	228.80
#1	.00271	.73016	.00366	.00436	-.00269	.00104
#2	.00258	.72759	.00205	.00521	.00172	-.00440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27486	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0540257	--	--	--	--	--	--
#1	27475	--	--	--	--	--	--
#2	27496	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-b du Operator: SRP
Run Time: 01/30/12 11:40:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59037	.00054	.00572	.26635	-.00015	.05245	.00113
SDev	.00296	.00151	.00256	.00061	.00001	.00048	.00011
%RSD	.50115	281.62	44.734	.23032	5.1077	.91472	9.2867
#1	.59247	.00161	.00753	.26678	-.00014	.05279	.00106
#2	.58828	-.00053	.00391	.26591	-.00015	.05212	.00121

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.393	.00412	.00243	.15729	.92951	.00342	.00467
SDev	.047	.00059	.00004	.00042	.01127	.00002	.00011
%RSD	.30321	14.283	1.5544	.26706	1.2126	.53129	2.4140
#1	15.426	.00370	.00240	.15759	.92154	.00343	.00459
#2	15.360	.00453	.00245	.15699	.93748	.00340	.00475

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00210	2.5185	.97685	.00107	.05575	7.1437	3.4539
SDev	.00101	.0089	.00262	.00065	.00060	.0364	.0164
%RSD	47.953	.35341	.26792	61.090	1.0844	.50981	.47509
#1	-.00282	2.5248	.97870	.00153	.05532	7.1694	3.4655
#2	-.00139	2.5122	.97500	.00061	.05618	7.1179	3.4423

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	36.035	32.532	.09870	.00223	-.00067	.01739
SDev	.00022	.186	.180	.00025	.00014	.00023	.00034
%RSD	82.497	.51511	.55300	.25144	6.1845	33.503	1.9699
#1	-.00043	36.166	32.659	.09887	.00214	-.00051	.01715

#2	-.00011	35.903	32.405	.09852	.00233	-.00083	.01764

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.73790	.00224	.00588	-.00180	-.00225
SDev	.00025	.00149	.00118	.00076	.00094	.00104
%RSD	9.7857	.20154	52.632	12.876	52.422	46.169
#1	.00270	.73895	.00307	.00535	-.00247	-.00299
#2	.00235	.73685	.00140	.00642	-.00113	-.00152

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27376	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0645724	--	--	--	--	--	--
#1	27389	--	--	--	--	--	--
#2	27364	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-c ms Operator: SRP
Run Time: 01/30/12 11:44:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.882	1.0161	1.0300	1.3061	.50765	1.0826	.51078
SDev	.036	.0021	.0066	.0041	.00175	.0023	.00231
%RSD	.32905	.20322	.63929	.31762	.34418	.21025	.45307
#1	10.907	1.0176	1.0346	1.3090	.50888	1.0842	.51241
#2	10.857	1.0146	1.0253	1.3032	.50641	1.0810	.50914

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.684	1.0008	1.0024	1.1831	11.471	.50313	1.0158
SDev	.084	.0037	.0041	.0052	.029	.00190	.0026
%RSD	.32558	.36804	.41204	.43830	.25139	.37787	.25155

#1	25.743	1.0034	1.0054	1.1867	11.491	.50447	1.0176
#2	25.625	.99817	.99951	1.1794	11.450	.50178	1.0140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0230	12.636	2.0219	1.0285	1.0368	17.989	4.7801
SDev	.0015	.036	.0075	.0004	.0044	.074	.0253
%RSD	.14656	.28740	.37325	.03849	.42744	.40989	.52952
#1	1.0240	12.662	2.0272	1.0288	1.0400	18.041	4.7980
#2	1.0219	12.610	2.0165	1.0282	1.0337	17.937	4.7622

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51047	47.388	43.396	.62127	1.0608	1.0033	1.0339
SDev	.00166	.049	.147	.00201	.0082	.0023	.0048

%RSD	.32504	.10394	.33841	.32391	.77730	.23409	.46225
#1	.51164	47.423	43.500	.62269	1.0550	1.0050	1.0373
#2	.50929	47.353	43.293	.61984	1.0667	1.0016	1.0305

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0226	1.7519	.98454	1.0314	.98545	1.0417
SDev	.0031	.0055	.00814	.0002	.00626	.0009
%RSD	.30438	.31250	.82645	.02284	.63505	.08449
#1	1.0248	1.7558	.99029	1.0312	.98988	1.0411
#2	1.0204	1.7480	.97879	1.0315	.98103	1.0424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27321	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1552886	--	--	--	--	--	--
#1	27291	--	--	--	--	--	--
#2	27351	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-d msd Operator: SRP
Run Time: 01/30/12 11:48:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.661	1.0393	1.0483	1.3435	.51901	1.1135	.52294
SDev	.021	.0017	.0009	.0013	.00108	.0030	.00088
%RSD	.17823	.16602	.08780	.09735	.20766	.26602	.16723
#1	11.675	1.0405	1.0476	1.3445	.51977	1.1114	.52355
#2	11.646	1.0381	1.0489	1.3426	.51824	1.1156	.52232

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.385	1.0249	1.0242	1.2133	12.470	.51501	1.0403
SDev	.033	.0021	.0007	.0002	.039	.00103	.0012
%RSD	.12406	.20331	.06895	.01754	.31638	.20048	.11130
#1	26.408	1.0264	1.0247	1.2134	12.498	.51574	1.0411
#2	26.362	1.0234	1.0237	1.2131	12.443	.51428	1.0395

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0379	13.046	2.3617	1.0582	1.0588	18.473	6.1873
SDev	.0039	.008	.0024	.0016	.0029	.043	.0213
%RSD	.37175	.06093	.09987	.15071	.27103	.23330	.34496
#1	1.0352	13.051	2.3634	1.0571	1.0609	18.503	6.2024
#2	1.0406	13.040	2.3601	1.0593	1.0568	18.442	6.1722

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51916	48.881	44.606	.63738	1.0987	1.0228	1.0722
SDev	.00084	.093	.127	.00040	.0054	.0036	.0018
%RSD	.16222	.19071	.28383	.06315	.49547	.34988	.17016
#1	.51975	48.947	44.695	.63767	1.0949	1.0253	1.0735
#2	.51856	48.815	44.516	.63710	1.1026	1.0203	1.0709

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0453	1.8030	1.0071	1.0569	.99744	1.0581
SDev	.0019	.0014	.0009	.0013	.00370	.0039
%RSD	.17872	.07833	.09117	.12089	.37064	.37228
#1	1.0466	1.8040	1.0078	1.0578	.99482	1.0554
#2	1.0440	1.8020	1.0065	1.0560	1.0001	1.0609

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26822	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.2715434	--	--	--	--	--	--
#1	26873	--	--	--	--	--	--
#2	26770	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49407-a-4-a Operator: SRP
Run Time: 01/30/12 11:51:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0335	.00187	.00320	.03291	-.00046	.01673	.00006
SDev	.0149	.00148	.00144	.00026	.00000	.00030	.00000

%RSD	1.4377	78.912	45.111	.79888	.82642	1.7869	5.0260
#1	1.0440	.00292	.00218	.03310	-.00045	.01694	.00006
#2	1.0230	.00083	.00422	.03273	-.00046	.01651	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4071	.00063	-.00006	.00312	.49398	.00097	.00102
SDev	.0252	.00038	.00011	.00000	.00559	.00001	.00083
%RSD	.57182	60.880	190.49	.04307	1.1319	.86372	81.353
#1	4.4249	.00036	-.00014	.00312	.49003	.00098	.00161
#2	4.3893	.00090	.00002	.00312	.49793	.00097	.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	1.3477	.00803	.00323	.00134	2.3022	4.6738
SDev	.00226	.0090	.00005	.00150	.00016	.0240	.0588
%RSD	117.63	.66952	.66073	46.592	11.924	1.0438	1.2582
#1	-.00032	1.3541	.00806	.00429	.00122	2.3192	4.7154

#2	-.00352	1.3413	.00799	.00216	.00145	2.2852	4.6322

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	2.5536	2.3996	.01327	.00636	.00119	.03706
SDev	.00022	.0101	.0323	.00009	.00282	.00031	.00018
%RSD	469.74	.39428	1.3452	.65086	44.318	26.195	.49907
#1	-.00011	2.5465	2.4224	.01333	.00836	.00097	.03719
#2	.00021	2.5608	2.3768	.01321	.00437	.00141	.03693

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.15395	.00078	.00114	-.00118	-.00229
SDev	.00014	.00063	.00069	.00090	.00023	.00328
%RSD	7.8344	.40973	88.756	78.813	19.751	142.76
#1	.00169	.15440	.00127	.00177	-.00101	.00002
#2	.00189	.15350	.00029	.00050	-.00134	-.00461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27550	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.3387953	--	--	--	--	--	--
#1	27484	--	--	--	--	--	--
#2	27616	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49407-a-5-a Operator: SRP
Run Time: 01/30/12 11:55:44
Comment: TRACE 61E

Analysis Report 01/30/12 11:59:32 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54306	-.00077	.00224	.03339	-.00054	.01222	.00038
SDev	.00374	.00130	.00122	.00001	.00000	.00045	.00014
%RSD	.68797	170.33	54.268	.01836	.84798	3.7000	36.391
#1	.54570	.00016	.00311	.03338	-.00055	.01254	.00028
#2	.54042	-.00169	.00138	.03339	-.00054	.01190	.00048

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9104	.00027	-.00000	.00119	.28116	.00039	.00001
SDev	.0048	.00002	.00000	.00002	.00025	.00001	.00024
%RSD	.16454	8.7820	85.661	1.2253	.08774	3.3111	1955.2
#1	2.9137	.00025	-.00000	.00120	.28098	.00040	-.00016
#2	2.9070	.00028	-.00000	.00118	.28133	.00038	.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.61695	.00643	.00132	.00084	2.4714	3.7374
SDev	.00067	.00048	.00006	.00019	.00007	.0012	.0123

%RSD	209.98	.07713	1.0157	14.448	8.0202	.04923	.32901
#1	.00016	.61729	.00639	.00145	.00079	2.4723	3.7461
#2	-.00080	.61662	.00648	.00118	.00089	2.4705	3.7287

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.65220	.65570	.00590	.00294	.00065	.01553
SDev	.00000	.05546	.00155	.00000	.00147	.00046	.00077
%RSD	.49223	8.5033	.23612	.01609	49.979	70.791	4.9431
#1	.00012	.61298	.65679	.00590	.00398	.00033	.01607
#2	.00012	.69141	.65460	.00590	.00190	.00098	.01498

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.01260	-.00148	.00076	.00232	-.00164
SDev	.00008	.00003	.00056	.00065	.00288	.00043
%RSD	7.7386	.23011	38.255	85.824	123.84	26.145
#1	.00112	.01258	-.00108	.00030	.00436	-.00195
#2	.00100	.01262	-.00188	.00122	.00029	-.00134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26878	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2130909	--	--	--	--	--	--
#1	26919	--	--	--	--	--	--
#2	26838	--	--	--	--	--	--

Analysis Report 01/30/12 11:59:32 AM page 15

Method: 20076010 Sample Name: 600-49407-a-6-a Operator: SRP
Run Time: 01/30/12 11:59:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57754	.00091	.00238	.02561	-.00052	.01432	.00019
SDev	.00118	.00095	.00047	.00002	.00000	.00087	.00006
%RSD	.20505	104.37	19.524	.09482	.65991	6.0921	30.264
#1	.57838	.00024	.00271	.02563	-.00052	.01371	.00015
#2	.57670	.00159	.00205	.02560	-.00052	.01494	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.450	.00029	.00020	.00100	.29186	.00049	.00030
SDev	.009	.00013	.00018	.00016	.00976	.00002	.00028
%RSD	.07018	43.342	90.370	15.950	3.3443	4.5810	92.591
#1	13.443	.00020	.00007	.00089	.28495	.00047	.00010
#2	13.456	.00038	.00033	.00111	.29876	.00050	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	1.0579	.00586	.00034	.00048	2.6965	3.7672
SDev	.00400	.0036	.00011	.00029	.00036	.0033	.0061
%RSD	2016.5	.33702	1.8831	85.435	74.053	.12335	.16134
#1	-.00303	1.0554	.00578	.00014	.00073	2.6989	3.7715
#2	.00263	1.0604	.00593	.00055	.00023	2.6942	3.7629

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.99958	.90802	.03441	.00120	.00091	.02045
SDev	.00014	.01332	.00252	.00006	.00002	.00039	.00052
%RSD	74.348	1.3322	.27720	.18248	1.7393	42.212	2.5484
#1	.00009	1.0090	.90980	.03446	.00118	.00064	.02082
#2	.00028	.99016	.90624	.03437	.00121	.00119	.02008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	.01055	-.00031	.00061	.00451	-.00255
SDev	.00040	.00003	.00033	.00026	.00779	.00211
%RSD	18.496	.32181	108.16	42.145	172.49	82.671
#1	.00187	.01053	-.00054	.00043	-.00099	-.00405
#2	.00243	.01058	-.00007	.00079	.01002	-.00106

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27696	--	--	--	--	--	--

SDev	58.68986	--	--	--	--	--	--
%RSD	.2119112	--	--	--	--	--	--
#1	27654	--	--	--	--	--	--
#2	27737	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49395-c-1-a Operator: SRP
Run Time: 01/30/12 12:03:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29850	.00125	.00309	.10306	-.00061	.09994	-.00012
SDev	.01770	.00074	.00023	.00474	.00007	.00410	.00008
%RSD	5.9300	59.500	7.4586	4.5967	10.636	4.0985	69.028
#1	.31102	.00072	.00326	.10641	-.00066	.10284	-.00006
#2	.28598	.00177	.00293	.09971	-.00057	.09704	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	192.16	.09962	-.00002	.00177	.30974	.00801	-.00048
SDev	9.20	.00451	.00015	.00020	.01558	.00049	.00034
%RSD	4.7893	4.5285	800.43	11.483	5.0308	6.0963	71.992
#1	198.67	.10281	.00009	.00191	.32076	.00836	-.00023

#2	185.66	.09643	-.00013	.00162	.29872	.00767	-.00072

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	2.3658	.09622	.00424	.00160	4.8115	10.585
SDev	.00174	.1247	.00462	.00071	.00040	.2698	.475
%RSD	159.57	5.2719	4.8035	16.678	25.278	5.6074	4.4875
#1	-.00232	2.4540	.09949	.00474	.00189	5.0023	10.921
#2	.00014	2.2776	.09295	.00374	.00131	4.6208	10.249

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	5.6195	5.5062	.54769	.00205	.00002	.00502
SDev	.00035	.2314	.2233	.02515	.00353	.00131	.00020
%RSD	2761.7	4.1173	4.0545	4.5913	172.11	5790.0	3.9609
#1	.00024	5.7831	5.6641	.56547	-.00044	.00095	.00517
#2	-.00026	5.4559	5.3484	.52991	.00454	-.00091	.00488

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01083	.01186	-.00200	.00028	.00203	-.00265
SDev	.00025	.00052	.00055	.00079	.00290	.00116
%RSD	2.2898	4.4271	27.716	280.29	143.12	43.669
#1	.01101	.01223	-.00239	.00084	-.00002	-.00347
#2	.01066	.01149	-.00161	-.00028	.00408	-.00183

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27082	--	--	--	--	--	--
SDev	1020.355	--	--	--	--	--	--
%RSD	3.767720	--	--	--	--	--	--
#1	26360	--	--	--	--	--	--
#2	27803	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 12:07:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5399	.50012	.49676	.51155	.48921	.50191	.50759
SDev	.0212	.00604	.00866	.00570	.00417	.00430	.00345
%RSD	.83415	1.2071	1.7438	1.1139	.85350	.85588	.68004
#1	2.5249	.49585	.49063	.50752	.48626	.49887	.50515
#2	2.5549	.50439	.50288	.51558	.49216	.50494	.51003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.538	.48300	.48130	.49792	2.5810	.46699	.49454
SDev	.085	.00388	.00306	.00525	.0038	.00417	.00256

%RSD	.68017	.80345	.63607	1.0538	.14800	.89316	.51758
#1	12.478	.48025	.47913	.49421	2.5783	.46404	.49273
#2	12.598	.48574	.48346	.50163	2.5837	.46994	.49635

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49367	4.9534	.48491	.50421	.48805	12.102	.93591
SDev	.00465	.0384	.00373	.00575	.00427	.100	.00470
%RSD	.94126	.77582	.76977	1.1395	.87472	.82977	.50238
#1	.49038	4.9262	.48227	.50014	.48503	12.031	.93258
#2	.49695	4.9805	.48755	.50827	.49107	12.173	.93923

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24855	12.452	11.963	.25696	.52929	.48619	.50363
SDev	.00109	.017	.075	.00261	.00596	.00357	.00439
%RSD	.43720	.13471	.63011	1.0164	1.1256	.73496	.87267
#1	.24778	12.464	11.910	.25512	.52508	.48367	.50053
#2	.24932	12.440	12.016	.25881	.53350	.48872	.50674

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49537	.51369	.47417	.50472	.46934	.50589
SDev	.00410	.00405	.00108	.00330	.00232	.00813
%RSD	.82789	.78936	.22754	.65383	.49354	1.6068

#1	.49247	.51082	.47341	.50239	.47098	.50014
#2	.49827	.51656	.47494	.50706	.46770	.51164

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27858	--	--	--	--	--	--
SDev	229.8097	--	--	--	--	--	--
%RSD	.8249177	--	--	--	--	--	--
#1	28021	--	--	--	--	--	--
#2	27696	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 12:11:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05262	.00059	.00231	.00045	-.00024	.00196	.00043
SDev	.00430	.00074	.00022	.00023	.00017	.00018	.00024
%RSD	8.1649	126.90	9.4587	49.773	72.419	8.9923	55.739
#1	.04958	.00006	.00216	.00029	-.00036	.00208	.00026
#2	.05566	.00111	.00247	.00061	-.00012	.00183	.00060

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.01613	.00012	.00034	-.00136	.00987	.00021	-.00028
SDev	.00713	.00005	.00008	.00018	.01101	.00028	.00003
%RSD	44.193	45.563	24.045	13.052	111.62	136.03	11.317
#1	.01109	.00016	.00040	-.00149	.00208	.00001	-.00030
#2	.02117	.00008	.00028	-.00124	.01765	.00041	-.00025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.00258	.00016	.00185	.00079	-.14231	-.00885
SDev	.00220	.00817	.00020	.00058	.00069	.03436	.00142
%RSD	223.59	316.55	127.71	31.298	86.941	24.148	16.008
#1	-.00057	-.00320	.00002	.00144	.00030	-.16660	-.00985
#2	.00254	.00836	.00030	.00226	.00127	-.11801	-.00785

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.01697	.00271	.00019	.00274	.00059	.00049
SDev	.00024	.05226	.00860	.00012	.00101	.00059	.00008
%RSD	205.82	307.91	317.40	63.831	36.654	100.61	16.565
#1	-.00005	.01998	-.00337	.00010	.00345	.00017	.00043
#2	.00028	-.05393	.00880	.00027	.00203	.00100	.00054

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00012	-.00055	-.00014	.00601	-.00153
SDev	.00002	.00028	.00035	.00013	.00607	.00027
%RSD	2.6434	228.00	64.087	90.715	101.14	17.540
#1	.00062	-.00008	-.00079	-.00005	.00171	-.00171
#2	.00064	.00033	-.00030	-.00023	.01030	-.00134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28178	--	--	--	--	--	--
SDev	564.2712	--	--	--	--	--	--
%RSD	2.002524	--	--	--	--	--	--
#1	28577	--	--	--	--	--	--
#2	27779	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49395-c-2-a Operator: SRP
Run Time: 01/30/12 12:15:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3139	.00105	.00252	.26502	-.00057	.05058	.00020
SDev	.0035	.00199	.00314	.00017	.00009	.00037	.00010
%RSD	.15161	190.19	124.52	.06547	15.036	.72960	49.931
#1	2.3114	-.00036	.00030	.26489	-.00063	.05084	.00013
#2	2.3164	.00246	.00474	.26514	-.00051	.05032	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	348.08	.05043	.00129	.00163	1.8250	.00990	.00166
SDev	.45	.00032	.00004	.00025	.0000	.00014	.00031
%RSD	.12831	.63134	2.9275	15.117	.00013	1.4452	18.619
#1	347.76	.05021	.00127	.00145	1.8250	.00980	.00144
#2	348.39	.05066	.00132	.00180	1.8250	.01000	.00188

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	3.1509	.56735	.00163	.00640	3.9024	17.359
SDev	.00270	.0024	.00060	.00009	.00011	.0055	.010
%RSD	295.91	.07668	.10529	5.2528	1.7489	.13988	.05649
#1	-.00100	3.1492	.56693	.00157	.00632	3.8986	17.352
#2	.00283	3.1526	.56778	.00169	.00648	3.9063	17.366

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	2.4861	2.5289	.81745	.00116	-.00005	.04805
SDev	.00034	.0570	.0019	.00020	.00231	.00061	.00022
%RSD	793.46	2.2923	.07326	.02471	200.16	1198.0	.46000

#1	.00020	2.4458	2.5276	.81730	-.00048	-.00048	.04789
#2	-.00028	2.5264	2.5302	.81759	.00279	.00038	.04821

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01268	.05467	-.00178	.00338	.00398	-.00062
SDev	.00026	.00027	.00192	.00143	.00116	.00348
%RSD	2.0549	.50118	108.05	42.125	29.155	563.65
#1	.01250	.05447	-.00042	.00238	.00316	-.00308
#2	.01287	.05486	-.00314	.00439	.00480	.00184

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26877	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.1052360	--	--	--	--	--	--
#1	26897	--	--	--	--	--	--
#2	26857	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49395-c-3-a Operator: SRP
Run Time: 01/30/12 12:18:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5133	.00022	.00457	.24733	-.00081	.09199	.00016
SDev	.0089	.00041	.00122	.00189	.00004	.00095	.00007
%RSD	.59067	186.70	26.716	.76243	4.5848	1.0281	45.602
#1	1.5196	-.00007	.00371	.24867	-.00083	.09266	.00022

#2	1.5070	.00051	.00544	.24600	-.00078	.09132	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	368.96	.09373	.00084	.00194	.96564	.01033	-.00002
SDev	2.27	.00043	.00031	.00016	.00208	.00006	.00002
%RSD	.61497	.46121	37.183	8.2664	.21574	.57097	100.73
#1	370.57	.09403	.00062	.00183	.96711	.01037	-.00001
#2	367.36	.09342	.00107	.00206	.96416	.01029	-.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	3.0525	.56273	.00431	.00580	5.0251	17.333
SDev	.00032	.0167	.00374	.00022	.00006	.0476	.125
%RSD	70.857	.54814	.66384	5.0143	.94733	.94635	.72289
#1	-.00022	3.0643	.56537	.00416	.00576	5.0587	17.422
#2	-.00067	3.0407	.56009	.00447	.00584	4.9915	17.245

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00004	6.0418	6.0577	.83149	.00165	-.00118	.02364
SDev	.00033	.0634	.0566	.00645	.00018	.00180	.00008
%RSD	742.74	1.0491	.93504	.77613	11.212	152.31	.34864
#1	-.00028	5.9969	6.0977	.83606	.00152	.00009	.02370
#2	.00019	6.0866	6.0176	.82693	.00178	-.00246	.02358

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01704	.05555	-.00261	.00127	.00017	-.00076
SDev	.00023	.00022	.00273	.00133	.00232	.00069
%RSD	1.3338	.39702	104.44	104.54	1338.4	90.764
#1	.01720	.05570	-.00068	.00033	.00182	-.00124
#2	.01688	.05539	-.00454	.00221	-.00147	-.00027

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25637	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.3364942	--	--	--	--	--	--
#1	25576	--	--	--	--	--	--
#2	25698	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49394-c-1-a Operator: SRP
Run Time: 01/30/12 12:22:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10354	.00178	.00387	.00779	-.00076	.00405	.00005
SDev	.00165	.00069	.00016	.00002	.00001	.00026	.00009
%RSD	1.5920	38.725	4.2524	.20294	1.6255	6.4219	192.69

#1	.10471	.00226	.00376	.00778	-.00076	.00424	-.00002
#2	.10237	.00129	.00399	.00780	-.00077	.00387	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4097	.00046	.00006	-.00012	.08110	-.00003	.00324
SDev	.0200	.00021	.00032	.00011	.00063	.00000	.00003
%RSD	.45255	45.526	536.05	94.063	.77406	13.680	.88582

#1	4.4238	.00061	-.00017	-.00004	.08066	-.00002	.00322
#2	4.3956	.00031	.00029	-.00020	.08154	-.00003	.00326

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00159	5.3679	.01261	-.00091	.00034	.42321	.14085
SDev	.00189	.0202	.00007	.00035	.00068	.00784	.00239
%RSD	119.08	.37680	.56331	38.001	198.96	1.8524	1.6983

#1	-.00293	5.3822	.01266	-.00066	-.00014	.42875	.14254

#2	-.00025	5.3536	.01255	-.00115	.00083	.41767	.13916

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.13063	.13291	.00862	.00233	-.00064	.00117
SDev	.00008	.04646	.00020	.00002	.00056	.00058	.00004
%RSD	228.50	35.563	.15330	.20528	23.971	90.710	3.4747

#1	.00009	.09778	.13306	.00863	.00272	-.00106	.00120
#2	-.00002	.16348	.13277	.00861	.00193	-.00023	.00114

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.04510	.00075	.00448	-.00407	-.00035
SDev	.00008	.00024	.00052	.00021	.00123	.00223
%RSD	12.388	.54177	68.464	4.7840	30.202	634.85

#1	.00072	.04527	.00039	.00464	-.00494	-.00193
#2	.00060	.04493	.00112	.00433	-.00320	.00122

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28102	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0125813	--	--	--	--	--	--

#1	28104	--	--	--	--	--	--
#2	28099	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49416-a-10-a Operator: SRP
Run Time: 01/30/12 12:26:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14826	-.00138	.00193	.04017	-.00080	.02156	.00052

SDev	.00137	.00314	.00008	.00001	.00002	.00089	.00013
%RSD	.92332	226.96	4.3390	.03214	2.4091	4.1480	24.315
#1	.14729	-.00360	.00187	.04016	-.00079	.02092	.00043
#2	.14923	.00084	.00198	.04018	-.00081	.02219	.00061

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.8121	-.00005	-.00001	.00234	.13233	.00021	-.00027
SDev	.0109	.00008	.00007	.00011	.01006	.00001	.00024
%RSD	.18724	183.47	619.82	4.4994	7.6028	2.4573	88.167
#1	5.8198	-.00010	.00004	.00226	.13944	.00022	-.00010
#2	5.8044	.00001	-.00006	.00241	.12521	.00021	-.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	1.4166	.01123	.00034	.00075	8.1509	2.5321

SDev	.00094	.0012	.00001	.00016	.00009	.0332	.0047
%RSD	86.035	.08692	.09529	45.761	12.214	.40731	.18676
#1	-.00043	1.4175	.01123	.00023	.00082	8.1743	2.5354
#2	-.00175	1.4157	.01122	.00046	.00069	8.1274	2.5287

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	1.8804	1.7864	.01825	.00120	-.00041	.00131
SDev	.00003	.0188	.0050	.00002	.00195	.00025	.00010
%RSD	23.488	1.0009	.28145	.10555	162.11	61.534	7.2826
#1	.00013	1.8937	1.7899	.01827	-.00018	-.00059	.00124
#2	.00010	1.8671	1.7828	.01824	.00258	-.00023	.00137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.02690	-.00117	.00018	.00132	-.00229
SDev	.00008	.00003	.00010	.00030	.00114	.00084
%RSD	7.0820	.09148	8.8913	171.25	86.559	36.452
#1	.00106	.02691	-.00109	.00039	.00212	-.00170
#2	.00117	.02688	-.00124	-.00004	.00051	-.00288

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28248	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0926171	--	--	--	--	--	--
#1	28230	--	--	--	--	--	--
#2	28267	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49416-a-11-a Operator: SRP
Run Time: 01/30/12 12:30:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56676	.00002	.00296	.05568	-.00084	.03268	.00021
SDev	.00397	.00071	.00004	.00011	.00001	.00002	.00002
%RSD	.70015	4612.8	1.2402	.19004	1.2503	.05808	9.4900
#1	.56956	.00052	.00294	.05576	-.00085	.03269	.00020
#2	.56395	-.00049	.00299	.05561	-.00083	.03266	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2246	.00024	.00013	.00312	.42868	.00075	-.00010
SDev	.0096	.00007	.00021	.00023	.00588	.00001	.00078
%RSD	.13240	27.225	157.42	7.4447	1.3721	.61807	813.41
#1	7.2314	.00029	.00029	.00328	.42452	.00076	.00046

#2	7.2178	.00019	-.00002	.00295	.43283	.00075	-.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	1.2459	.02630	.00046	.00145	13.269	3.8558
SDev	.00096	.0053	.00012	.00006	.00020	.013	.0129
%RSD	101.49	.42805	.45761	12.306	13.517	.09614	.33524
#1	-.00163	1.2497	.02638	.00050	.00159	13.278	3.8650
#2	-.00027	1.2421	.02621	.00042	.00131	13.260	3.8467

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	6.4948	6.0132	.03678	.00191	-.00011	.00363
SDev	.00008	.0137	.0176	.00005	.00275	.00284	.00001
%RSD	21.457	.21062	.29275	.13532	144.07	2608.8	.18792
#1	.00032	6.5045	6.0256	.03681	.00385	.00190	.00362
#2	.00044	6.4851	6.0007	.03674	-.00004	-.00212	.00363

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	.04720	-.00250	.00110	.00049	-.00167
SDev	.00025	.00019	.00106	.00170	.00147	.00071
%RSD	9.5707	.41073	42.265	154.38	299.45	42.748
#1	.00274	.04706	-.00324	.00231	-.00055	-.00218
#2	.00239	.04734	-.00175	-.00010	.00153	-.00117

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28050	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.3604922	--	--	--	--	--	--
#1	27978	--	--	--	--	--	--
#2	28121	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49445-a-1-a Operator: SRP
Run Time: 01/30/12 12:34:17

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0793	.00078	.00245	.04945	-.00036	.01774	.00017
SDev	.0122	.00025	.00139	.00045	.00001	.00014	.00005
%RSD	1.1308	32.177	56.504	.90325	2.0954	.79034	29.167
#1	1.0879	.00095	.00147	.04976	-.00036	.01784	.00013
#2	1.0706	.00060	.00343	.04913	-.00037	.01764	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	36.402	.00251	.00069	.00336	.71010	.00149	.00383
SDev	.333	.00022	.00014	.00009	.00531	.00003	.00068
%RSD	.91452	8.6423	20.758	2.5243	.74752	2.3034	17.887
#1	36.637	.00235	.00079	.00330	.71385	.00151	.00431
#2	36.166	.00266	.00059	.00342	.70634	.00146	.00334

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	2.2423	.05164	-.00014	.00191	1.7815	2.6401
SDev	.00217	.0236	.00038	.00048	.00044	.0262	.0233
%RSD	1860.3	1.0536	.72889	354.13	23.219	1.4699	.88311
#1	.00142	2.2590	.05190	-.00047	.00159	1.8000	2.6566
#2	-.00165	2.2256	.05137	.00020	.00222	1.7630	2.6237

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	2.0766	1.9922	.06387	-.00167	-.00023	.02388
SDev	.00003	.0201	.0121	.00049	.00163	.00077	.00012
%RSD	41.971	.96929	.60524	.76063	97.549	336.08	.51077
#1	.00005	2.0908	2.0007	.06421	-.00282	-.00078	.02396
#2	.00009	2.0623	1.9836	.06352	-.00052	.00032	.02379

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00505	.11318	.00335	.00407	.00017	-.00026
SDev	.00021	.00082	.00223	.00009	.00409	.00121
%RSD	4.1822	.72713	66.558	2.1577	2392.9	464.70
#1	.00490	.11376	.00493	.00400	.00306	.00060
#2	.00520	.11260	.00177	.00413	-.00272	-.00112

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27831	--	--	--	--	--	--
SDev	175.3625	--	--	--	--	--	--
%RSD	.6300977	--	--	--	--	--	--
#1	27707	--	--	--	--	--	--
#2	27955	--	--	--	--	--	--

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Method: 20076010   Sample Name: 600-49445-a-2-a        Operator: SRP
Run Time: 01/30/12 12:38:08
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    2.6033    .00242    .00447    .09897    -.00019   .03595    .00052
 SDev     .0160    .00033    .00287    .00037     .00002   .00004    .00008
 %RSD    .61616    13.746    64.173    .37757    10.413    .10469    15.005
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 #1      2.6147    .00218    .00650    .09923    -.00017   .03598    .00046
 #2      2.5920    .00265    .00244    .09870    -.00020   .03593    .00057

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    55.889    .00510    .00168    .01201    1.7135    .00353    .00835
 SDev      .222    .00014    .00032    .00002     .0059    .00004    .00083
 %RSD    .39735    2.7471    19.094    .20308    .34440    1.0572    9.8983

 #1      56.046    .00500    .00145    .01203    1.7093    .00355    .00894
 #2      55.732    .00520    .00190    .01200    1.7177    .00350    .00777

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00278   2.9097    .10859    .00069    .00432    2.9495    6.3268
 SDev     .00092    .0109    .00052    .00005    .00023     .0187     .0278
 %RSD    32.923    .37569    .47416    7.4722    5.2375    .63497    .43971

 #1      -.00343   2.9174    .10895    .00065    .00416    2.9627    6.3464
 #2      -.00213   2.9019    .10822    .00072    .00448    2.9363    6.3071

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00010   3.1286    3.0316    .11398    .00011    .00096    .08101
 SDev     .00011    .0097     .0189    .00054    .00165    .00092    .00088
 %RSD    109.95    .31123    .62358    .47479    1536.4    95.683    1.0848

 #1      -.00018   3.1355    3.0449    .11437    .00127    .00160    .08163
 #2      -.00002   3.1217    3.0182    .11360    -.00106   .00031    .08039

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00977    .44378    .00493    .01007    -.00085   -.00375
 SDev    .00022    .00191    .00002    .00123     .00232    .00021
 %RSD    2.2762    .42987    .43956    12.213    274.84    5.6382

 #1      .00962    .44513    .00494    .01094    -.00249   -.00390
 #2      .00993    .44243    .00491    .00920    .00080    -.00360


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    28148     --        --        --        --        --        --
 SDev    38.89087  --        --        --        --        --        --
 %RSD    .1381632  --        --        --        --        --        --
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#1	28121	--	--	--	--	--	--
#2	28176	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49409-a-6-a Operator: SRP
Run Time: 01/30/12 12:41:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0046	-.00010	.00313	.07763	-.00089	.02216	.00002
SDev	.0086	.00057	.00095	.00007	.00001	.00040	.00009
%RSD	.42674	552.78	30.378	.08737	1.3343	1.7825	441.12
#1	1.9985	.00030	.00381	.07758	-.00088	.02244	.00008
#2	2.0106	-.00051	.00246	.07767	-.00090	.02188	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.378	.00169	.00045	.00918	1.4421	.00125	.00248
SDev	.055	.00022	.00007	.00009	.0094	.00002	.00028
%RSD	.35642	12.790	15.488	.94642	.64974	1.7225	11.183
#1	15.417	.00184	.00049	.00924	1.4487	.00127	.00229
#2	15.339	.00154	.00040	.00911	1.4355	.00124	.00268

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	1.7152	.05289	.00134	.00196	4.3069	5.4965
SDev	.00090	.0104	.00021	.00011	.00039	.0043	.0017
%RSD	256.59	.60373	.38916	8.4097	19.653	.09882	.03132
#1	.00099	1.7225	.05303	.00142	.00224	4.3039	5.4977
#2	-.00029	1.7079	.05274	.00126	.00169	4.3099	5.4952

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	3.9328	3.6591	.04519	.00194	.00138	.01041
SDev	.00021	.0399	.0216	.00000	.00284	.00017	.00005
%RSD	357.35	1.0147	.59111	.00416	146.64	12.298	.44400
#1	.00021	3.9610	3.6438	.04519	.00395	.00150	.01045
#2	-.00009	3.9046	3.6744	.04519	-.00007	.00126	.01038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00566	.10124	.00109	.00318	.00214	-.00054
SDev	.00033	.00016	.00120	.00101	.00160	.00056
%RSD	5.8771	.16103	109.54	31.877	74.538	102.25
#1	.00589	.10135	.00194	.00246	.00327	-.00015
#2	.00542	.10112	.00025	.00390	.00101	-.00094

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	28509	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.3869257	--	--	--	--	--	--
#1	28431	--	--	--	--	--	--
#2	28587	--	--	--	--	--	--

01/30/12 12:49:37 PM page 28

Method: 20076010 Sample Name: 600-49397-c-1-a Operator: SRP
Run Time: 01/30/12 12:45:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1229	-.00114	.00257	.15231	-.00089	.01832	.00018
SDev	.0103	.00007	.00242	.00050	.00002	.00003	.00001
%RSD	.32945	5.8610	94.279	.33058	1.9819	.14885	3.0059
#1	3.1156	-.00109	.00428	.15195	-.00087	.01834	.00018
#2	3.1302	-.00119	.00086	.15266	-.00090	.01831	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.738	.01261	.00138	.00557	1.4639	.00158	.00746
SDev	.396	.00032	.00033	.00008	.0106	.00005	.00071
%RSD	.73683	2.5787	23.735	1.4668	.72466	3.0803	9.5538
#1	53.458	.01238	.00115	.00551	1.4564	.00154	.00696
#2	54.018	.01284	.00161	.00562	1.4714	.00161	.00797

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	1.9611	.17128	-.00033	.00367	1.1219	3.7277
SDev	.00028	.0131	.00107	.00016	.00049	.0232	.0011
%RSD	31.985	.66766	.62371	48.541	13.407	2.0671	.02959
#1	-.00105	1.9518	.17053	-.00021	.00332	1.1055	3.7270
#2	-.00067	1.9703	.17204	-.00044	.00402	1.1383	3.7285

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	1.0566	1.0610	.13313	.00010	-.00029	.09335
SDev	.00025	.0149	.0024	.00053	.00022	.00134	.00013
%RSD	353.13	1.4124	.22250	.39746	216.62	464.00	.13417
#1	.00025	1.0672	1.0626	.13275	.00026	-.00124	.09344
#2	-.00011	1.0461	1.0593	.13350	-.00005	.00066	.09326

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01056	.03160	.00534	.00852	.00288	-.00273
SDev	.00007	.00036	.00123	.00046	.00192	.00137
%RSD	.69004	1.1509	23.013	5.3358	66.611	50.239
#1	.01050	.03134	.00447	.00820	.00423	-.00370
#2	.01061	.03186	.00621	.00885	.00152	-.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27962	--	--	--	--	--	--
SDev	197.9899	--	--	--	--	--	--
%RSD	.7080677	--	--	--	--	--	--

#1	28102	--	--	--	--	--	--
#2	27822	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-1-a Operator: SRP
Run Time: 01/30/12 12:49:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76027	-.00009	.00063	.11748	-.00063	.01475	-.00004
SDev	.00123	.00120	.00126	.00042	.00001	.00050	.00021
%RSD	.16169	1328.9	200.30	.36012	1.6780	3.3790	574.15
#1	.75940	.00076	-.00026	.11718	-.00062	.01440	.00011
#2	.76114	-.00094	.00152	.11777	-.00064	.01511	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.609	.00050	.00164	.00652	.33730	.00065	.00862
SDev	.297	.00011	.00084	.00003	.04047	.00003	.00022
%RSD	.73150	22.529	51.176	.43909	11.997	5.2117	2.5851
#1	40.819	.00042	.00223	.00650	.36591	.00068	.00877
#2	40.399	.00057	.00104	.00654	.30869	.00063	.00846

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00182	8.6670	.15520	-.00026	.00222	1.8600	2.5938
SDev	.00103	.0589	.00084	.00042	.00056	.0019	.0088
%RSD	56.453	.67959	.54172	160.10	25.283	.10471	.34046
#1	-.00109	8.7086	.15579	.00003	.00262	1.8586	2.6001
#2	-.00254	8.6253	.15460	-.00055	.00183	1.8614	2.5876

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	2.3619	2.3765	.05653	-.00083	-.00056	.00435
SDev	.00121	.2010	.0037	.00018	.00380	.00331	.00001
%RSD	265.40	8.5080	.15503	.32012	460.38	593.28	.17407
#1	.00040	2.5040	2.3739	.05640	.00186	.00178	.00435
#2	-.00131	2.2198	2.3791	.05666	-.00352	-.00290	.00436

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00487	.18781	.00264	.01160	-.00257	-.00144
SDev	.00027	.00108	.00636	.00285	.00812	.00252
%RSD	5.5275	.57388	240.81	24.553	315.85	175.11
#1	.00506	.18857	.00714	.00959	.00317	-.00322
#2	.00468	.18705	-.00186	.01362	-.00831	.00034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28549	--	--	--	--	--	--
SDev	263.0437	--	--	--	--	--	--
%RSD	.9213763	--	--	--	--	--	--
#1	28735	--	--	--	--	--	--
#2	28363	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 12:53:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4200	.48602	.47727	.50980	.45278	.49062	.49228
SDev	.0070	.00076	.00038	.00240	.00078	.00216	.00159
%RSD	.28956	.15684	.08015	.47047	.17141	.44041	.32290
#1	2.4151	.48548	.47700	.50810	.45333	.48909	.49340
#2	2.4250	.48656	.47754	.51149	.45223	.49215	.49115

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.943	.45163	.44358	.47336	2.4940	.46065	.47015
SDev	.027	.00085	.00118	.00139	.0140	.00226	.00126
%RSD	.22500	.18891	.26572	.29287	.56290	.48949	.26814
#1	11.962	.45223	.44441	.47238	2.5039	.45906	.47104
#2	11.924	.45103	.44274	.47434	2.4841	.46224	.46926

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46497	4.6346	.45965	.47976	.47878	11.989	.87864
SDev	.00400	.0129	.00035	.00221	.00116	.072	.00068
%RSD	.85951	.27818	.07570	.46048	.24181	.60024	.07682
#1	.46215	4.6438	.45990	.47820	.47960	11.938	.87912
#2	.46780	4.6255	.45941	.48133	.47796	12.040	.87817

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23961	12.090	11.814	.25657	.52066	.44687	.48646
SDev	.00029	.065	.054	.00100	.00553	.00075	.00073
%RSD	.12110	.53761	.46091	.38820	1.0622	.16775	.14996
#1	.23940	12.136	11.775	.25587	.51675	.44740	.48595
#2	.23981	12.044	11.852	.25728	.52457	.44634	.48698

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46854	.49942	.42940	.49052	.42195	.48654
SDev	.00002	.00039	.00080	.00229	.00032	.00616
%RSD	.00398	.07795	.18734	.46751	.07631	1.2652

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 #1      .46852    .49915    .42883    .49214    .42218    .48219

Analysis Report      Blank Sample         01/30/12 12:57:19 PM        page 31


 #2      .46855    .49970    .42997    .48890    .42172    .49089

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    28404     --        --        --        --        --        --
 SDev    85.55992  --        --        --        --        --        --
 %RSD    .3012196  --        --        --        --        --        --

 #1      28465     --        --        --        --        --        --
 #2      28344     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: CCB                  Operator: SRP
Run Time: 01/30/12 12:57:23
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .07167    .00205    .00190    .00043    -.00082   .00181    .00027
 SDev    .00106    .00070    .00053    .00003     .00006   .00068    .00012
 %RSD    1.4837    34.021    28.123    6.4118    7.8100    37.692    42.699

 #1      .07092    .00155    .00227    .00041    -.00086   .00229    .00035
 #2      .07243    .00254    .00152    .00045    -.00077   .00133    .00019

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00189    .00024    .00022    -.00230   .01152    .00009    -.00017
 SDev    .00170    .00008    .00011     .00030   .02233    .00002     .00024
 %RSD    89.553    33.331    48.306    13.052    193.80    21.473    136.35

 #1      .00069    .00030    .00030    -.00209   .02731    .00007    -.00034
 #2      .00309    .00019    .00015    -.00251   -.00427   .00010    -.00001

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00243    -.00415   .00008    .00063    .00040    -.16126   -.01515
 SDev    .00170     .00151   .00000    .00068    .00061     .02392    .00108
 %RSD    69.973    36.351    1.2771    107.57    152.99    14.833    7.1483

 #1      .00363    -.00308   .00008    .00111    .00083    -.14435   -.01438
 #2      .00123    -.00521   .00008    .00015    -.00003   -.17818   -.01591

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00009   -.06920   -.00059   .00013    .00257    -.00084   .00042
 SDev     .00064    .10948    .00082   .00004    .00262     .00077   .00004
 %RSD    701.98    158.21    138.99    27.070    101.78    92.547    9.5177

 #1      .00036    .00821    -.00117   .00011    .00443    -.00029   .00045
 #2      -.00055   -.14661   -.00001   .00016    .00072    -.00138   .00039

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00077    .00007    -.00190   .00069    .00342    .00193
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SDev	.00024	.00001	.00339	.00134	.00172	.00341
%RSD	30.557	8.0891	178.59	194.57	50.323	176.49
#1	.00094	.00006	-.00429	.00164	.00220	.00434
#2	.00061	.00007	.00050	-.00026	.00464	-.00048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28562	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.2549917	--	--	--	--	--	--
#1	28614	--	--	--	--	--	--
#2	28511	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-2-a Operator: SRP
Run Time: 01/30/12 13:01:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34474	.00123	.00035	.01540	-.00098	.00523	.00003
SDev	.01764	.00197	.00031	.00036	.00011	.00039	.00001
%RSD	5.1167	161.04	90.710	2.3376	10.948	7.5005	29.308
#1	.35722	.00262	.00012	.01565	-.00105	.00551	.00002
#2	.33227	-.00017	.00057	.01514	-.00090	.00496	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8946	.00044	.00028	-.00184	.16915	.00088	.00091
SDev	.1654	.00018	.00037	.00026	.02026	.00006	.00038
%RSD	3.3791	41.016	131.27	14.172	11.980	7.1892	42.015
#1	5.0116	.00057	.00054	-.00165	.18348	.00093	.00064
#2	4.7777	.00032	.00002	-.00202	.15482	.00084	.00119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00274	.47842	.00773	-.00071	.00041	2.5624	1.0892
SDev	.00056	.02525	.00020	.00059	.00040	.1232	.0379
%RSD	20.408	5.2773	2.6529	83.275	98.537	4.8080	3.4758
#1	-.00313	.49628	.00787	-.00029	.00069	2.6495	1.1160
#2	-.00234	.46057	.00758	-.00113	.00012	2.4753	1.0624

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	1.9054	1.7530	.01906	-.00019	-.00103	.00155
SDev	.00023	.1526	.0509	.00049	.00150	.00061	.00006
%RSD	189.10	8.0090	2.9044	2.5979	801.49	59.721	3.6007
#1	.00029	2.0133	1.7890	.01941	.00087	-.00059	.00159
#2	-.00004	1.7975	1.7170	.01871	-.00125	-.00146	.00151

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	.03252	-.00015	.00145	-.00335	-.00243
SDev	.00038	.00118	.00006	.00054	.00085	.00041
%RSD	12.323	3.6378	42.189	37.570	25.483	16.907
#1	.00335	.03336	-.00020	.00106	-.00395	-.00272
#2	.00282	.03168	-.00011	.00183	-.00275	-.00214

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28872	--	--	--	--	--	--
SDev	651.2454	--	--	--	--	--	--
%RSD	2.255590	--	--	--	--	--	--
#1	28412	--	--	--	--	--	--
#2	29333	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-3-a Operator: SRP
Run Time: 01/30/12 13:05:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20607	.00063	.00089	.01473	-.00119	.00798	.00003
SDev	.00088	.00095	.00096	.00003	.00002	.00040	.00009
%RSD	.42889	149.55	107.30	.21980	2.0669	4.9442	288.48
#1	.20545	-.00004	.00157	.01476	-.00120	.00826	-.00003
#2	.20670	.00130	.00022	.01471	-.00117	.00770	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4472	.00002	-.00014	.00040	.12044	.00002	.00027
SDev	.0121	.00004	.00003	.00003	.00769	.00001	.00033
%RSD	.35184	257.00	24.087	8.7701	6.3828	51.474	119.99
#1	3.4558	.00005	-.00012	.00043	.12588	.00002	.00004
#2	3.4387	-.00001	-.00017	.00038	.11501	.00003	.00051

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	.77818	.00178	.00060	.00026	.66479	2.2668
SDev	.00069	.00393	.00003	.00029	.00042	.00479	.0049
%RSD	91.270	.50532	1.4803	49.261	161.50	.72117	.21601
#1	-.00027	.78096	.00180	.00081	.00056	.66818	2.2702
#2	-.00124	.77540	.00177	.00039	-.00004	.66140	2.2633

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	1.0816	1.0259	.01017	-.00124	-.00024	.00108
SDev	.00016	.0649	.0004	.00000	.00277	.00189	.00001

%RSD	1052.5	5.9963	.03972	.01653	224.52	779.21	.75704

#1	.00013	1.1275	1.0256	.01018	.00073	.00109	.00108
#2	-.00010	1.0357	1.0262	.01017	-.00320	-.00158	.00107

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	.10171	-.00100	.00091	.00002	-.00114
SDev	.00007	.00001	.00103	.00002	.00128	.00167
%RSD	6.0655	.01141	102.55	2.0555	5960.9	146.68

#1	.00118	.10172	-.00172	.00092	-.00089	.00004
#2	.00129	.10170	-.00027	.00090	.00093	-.00232

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28030	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.0983862	--	--	--	--	--	--

#1	28010	--	--	--	--	--	--
#2	28049	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 13:08:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4212	.48977	.47632	.51776	.44603	.49494	.49414
SDev	.0302	.00301	.00771	.00456	.00572	.00465	.00551
%RSD	1.2466	.61455	1.6184	.88092	1.2815	.93988	1.1147

#1	2.4426	.49190	.48177	.52099	.45007	.49823	.49804
#2	2.3999	.48764	.47087	.51454	.44199	.49165	.49025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.878	.44626	.43745	.47272	2.5014	.46550	.46774
SDev	.155	.00575	.00516	.00427	.0340	.00345	.00521
%RSD	1.3027	1.2891	1.1789	.90263	1.3610	.74147	1.1133

#1	11.987	.45033	.44109	.47574	2.5254	.46794	.47142
#2	11.769	.44219	.43380	.46971	2.4773	.46306	.46406

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46366	4.5988	.45751	.47922	.48141	12.121	.87576
SDev	.00346	.0692	.00526	.00254	.00655	.070	.01068
%RSD	.74680	1.5056	1.1486	.52964	1.3606	.57621	1.2199

#1	.46611	4.6478	.46122	.48101	.48604	12.171	.88331
#2	.46122	4.5499	.45379	.47742	.47678	12.072	.86821

Analysis Report Blank Sample 01/30/12 01:12:44 PM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24026	12.259	11.913	.26058	.53070	.43989	.48763

SDev	.00250	.024	.065	.00231	.00381	.00556	.00519
%RSD	1.0421	.19334	.54143	.88646	.71840	1.2640	1.0648
#1	.24203	12.275	11.959	.26222	.53339	.44382	.49130
#2	.23849	12.242	11.867	.25895	.52800	.43596	.48396

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46616	.50011	.42107	.49107	.42184	.48463
SDev	.00477	.00542	.00549	.00507	.00337	.00351
%RSD	1.0221	1.0833	1.3041	1.0315	.79800	.72454
#1	.46953	.50394	.42496	.49466	.42422	.48711
#2	.46279	.49628	.41719	.48749	.41946	.48215

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27885	--	--	--	--	--	--
SDev	205.0610	--	--	--	--	--	--
%RSD	.7353809	--	--	--	--	--	--
#1	27740	--	--	--	--	--	--
#2	28030	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 01:19:25 PM page 1

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 13:15:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07971	.00268	.00143	.00060	-.00086	.00205	.00038
SDev	.00207	.00025	.00012	.00007	.00003	.00020	.00013
%RSD	2.5936	9.1964	8.5921	12.222	2.9380	9.7083	35.437
#1	.07825	.00285	.00135	.00054	-.00088	.00219	.00028
#2	.08117	.00251	.00152	.00065	-.00084	.00191	.00047

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00413	.00041	.00032	-.00276	.00353	.00027	.00129
SDev	.00270	.00019	.00039	.00014	.02306	.00010	.00032
%RSD	65.526	46.987	121.55	5.0496	653.17	37.992	24.944
#1	.00221	.00028	.00004	-.00286	-.01278	.00020	.00107
#2	.00604	.00055	.00059	-.00266	.01984	.00034	.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	-.00117	.00026	.00127	.00057	-.14758	-.01916
SDev	.00227	.00711	.00005	.00035	.00071	.03721	.00059
%RSD	102.56	609.28	20.435	27.809	124.52	25.216	3.0761
#1	.00382	-.00620	.00022	.00153	.00007	-.17389	-.01957
#2	.00061	.00386	.00030	.00102	.00108	-.12126	-.01874

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00023	-.03736	.00375	.00023	.00220	-.00029	.00059
SDev	.00073	.08117	.00258	.00004	.00048	.00147	.00000
%RSD	313.74	217.30	68.868	16.030	21.719	503.98	.31280
#1	-.00028	-.09475	.00192	.00020	.00187	-.00133	.00059
#2	.00075	.02004	.00557	.00025	.00254	.00075	.00059

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00028	-.00121	.00254	.00343	.00161
SDev	.00007	.00001	.00255	.00079	.00025	.00328
%RSD	7.3470	2.5156	210.82	31.001	7.3746	203.89
#1	.00106	.00028	-.00301	.00310	.00360	.00393
#2	.00096	.00029	.00059	.00199	.00325	-.00071

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28294	--	--	--	--	--	--
SDev	222.7386	--	--	--	--	--	--
%RSD	.7872153	--	--	--	--	--	--

#1	28452	--	--	--	--	--	--
#2	28137	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-71001/1-a Operator: SRP
Run Time: 01/30/12 13:24:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06989	.00232	.00074	.00121	-.00125	.00032	.00009
SDev	.00110	.00244	.00111	.00022	.00015	.00044	.00021
%RSD	1.5669	105.14	150.89	18.003	12.119	134.55	225.98
#1	.06912	.00060	-.00005	.00106	-.00135	.00002	-.00006
#2	.07067	.00405	.00152	.00136	-.00114	.00063	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01398	.00039	-.00013	-.00316	.02359	-.00003	.00107
SDev	.00475	.00021	.00011	.00009	.00338	.00017	.00053
%RSD	33.978	53.045	82.428	2.7558	14.344	616.19	49.861
#1	-.01734	.00025	-.00005	-.00322	.02598	-.00015	.00069
#2	-.01062	.00054	-.00021	-.00310	.02120	.00009	.00145

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.01620	.00015	-.00066	-.00001	-.15384	-.01623
SDev	.00024	.00392	.00024	.00005	.00026	.01263	.00089
%RSD	55.467	24.210	157.24	7.8914	2944.4	8.2127	5.4783

#1	.00060	-.01897	-.00002	-.00070	.00017	-.16277	-.01686
#2	.00026	-.01343	.00032	-.00063	-.00019	-.14491	-.01560

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.05343	.00863	.00001	-.00366	.02717	.00009
SDev	.00005	.02604	.00537	.00010	.00040	.00050	.00022
%RSD	21.634	48.740	62.273	1063.8	10.820	1.8334	229.10

#1	.00029	.07184	.00483	-.00006	-.00394	.02682	-.00006
#2	.00021	.03502	.01243	.00008	-.00338	.02752	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00170	.00238	.00042	-.00456	.00293
SDev	.00047	.00028	.00147	.00007	.00090	.00081
%RSD	95.069	16.408	61.671	16.293	19.632	27.545

#1	.00016	.00150	.00134	.00037	-.00519	.00350
#2	.00082	.00190	.00342	.00047	-.00393	.00236

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28466	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1043297	--	--	--	--	--	--

#1	28487	--	--	--	--	--	--
#2	28445	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71001/2-a Operator: SRP
Run Time: 01/30/12 13:28:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.950	.77083	1.3082	2.8329	1.3692	.87804	.70912
SDev	.016	.00342	.0078	.0043	.0064	.00349	.00437
%RSD	.02072	.44406	.59816	.15091	.46931	.39768	.61586

#1	74.961	.76841	1.3027	2.8299	1.3647	.87557	.70603
#2	74.939	.77325	1.3138	2.8360	1.3738	.88050	.71221

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.030	.93187	1.2369	1.0455	159.50	.08382	1.3035
SDev	.421	.00421	.0033	.0012	.60	.00009	.0141
%RSD	.47796	.45164	.26980	.11084	.37914	.10127	1.0803

#1	87.732	.92889	1.2346	1.0447	159.07	.08376	1.2935
#2	88.327	.93484	1.2393	1.0463	159.93	.08388	1.3134

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.7466	36.164	4.6941	.91293	1.2881	48.240	10.563
SDev	.0146	.110	.0173	.00538	.0074	.021	.024
%RSD	.83347	.30420	.36785	.58883	.57221	.04442	.22901
#1	1.7363	36.087	4.6819	.90913	1.2933	48.225	10.546
#2	1.7569	36.242	4.7063	.91673	1.2829	48.256	10.580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45994	3.5278	6.8255	2.6798	1.7281	1.4134	3.8395
SDev	.00119	.0509	.0007	.0053	.0162	.0085	.0131
%RSD	.25897	1.4433	.01002	.19855	.93703	.59992	.34191
#1	.45909	3.5638	6.8260	2.6760	1.7167	1.4074	3.8302
#2	.46078	3.4918	6.8250	2.6835	1.7396	1.4194	3.8488

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57878	2.0913	1.1498	1.3803	1.5648	1.8374
SDev	.00117	.0111	.0031	.0196	.0062	.0249
%RSD	.20233	.53115	.26835	1.4185	.39759	1.3577
#1	.57795	2.0835	1.1476	1.3664	1.5692	1.8198
#2	.57961	2.0992	1.1520	1.3941	1.5604	1.8551

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/30/12 01:31:57 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30144	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0164206	--	--	--	--	--	--
#1	30147	--	--	--	--	--	--
#2	30140	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-b-1-a Operator: SRP
Run Time: 01/30/12 13:32:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	162.70	.00433	.10855	1.5599	.01159	.08868	.00818
SDev	.25	.00176	.00025	.0034	.00003	.00079	.00036
%RSD	.15446	40.576	.22720	.21610	.28130	.89474	4.4462
#1	162.88	.00558	.10872	1.5622	.01161	.08924	.00844
#2	162.52	.00309	.10837	1.5575	.01157	.08812	.00793

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	315.33	.17956	.13906	.19199	212.99	.15232	.89604
SDev	.16	.00072	.00018	.00043	.17	.00009	.00044
%RSD	.05167	.40186	.12834	.22579	.07921	.05586	.04879
#1	315.44	.18007	.13918	.19229	213.11	.15238	.89635
#2	315.21	.17905	.13893	.19168	212.87	.15226	.89573

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01264	21.882	2.6903	.00622	.22494	22.434	9.4417
SDev	.00161	.035	.0047	.00119	.00133	.001	.0052
%RSD	12.719	.15915	.17532	19.147	.58993	.00554	.05487
#1	-.01377	21.907	2.6936	.00706	.22588	22.433	9.4454
#2	-.01150	21.858	2.6870	.00538	.22400	22.435	9.4381

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00304	134.28	112.74	1.8623	.00822	.04743	.35517
SDev	.00032	.08	.05	.0027	.00792	.00162	.00111
%RSD	10.517	.06305	.04788	.14641	96.290	3.4098	.31370
#1	-.00282	134.34	112.78	1.8642	.01382	.04858	.35596
#2	-.00327	134.22	112.70	1.8604	.00262	.04629	.35438

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54202	.45461	.76037	.96387	-.00763	-.01514
SDev	.00108	.00033	.00429	.00149	.00273	.00104
%RSD	.19989	.07202	.56361	.15428	35.852	6.8954
#1	.54278	.45484	.76340	.96282	-.00956	-.01588

#2	.54125	.45438	.75734	.96493	-.00569	-.01441

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32086	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.4010890	--	--	--	--	--	--
#1	31995	--	--	--	--	--	--
#2	32177	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-b-1-b du Operator: SRP
Run Time: 01/30/12 13:35:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	165.81	.00448	.11745	2.1593	.01173	.09649	.01343
SDev	5.11	.00070	.00669	.0633	.00035	.00291	.00061
%RSD	3.0819	15.686	5.6969	2.9318	3.0019	3.0172	4.5243
#1	169.43	.00497	.12218	2.2040	.01198	.09855	.01386
#2	162.20	.00398	.11272	2.1145	.01148	.09443	.01300

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	477.90	.18189	.11235	.18413	222.24	.16885	.77576
SDev	14.29	.00559	.00365	.00580	6.89	.00497	.01806
%RSD	2.9911	3.0710	3.2470	3.1484	3.1021	2.9440	2.3282

#1	488.00	.18584	.11492	.18823	227.11	.17237	.78853
#2	467.79	.17794	.10977	.18003	217.36	.16534	.76299

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01703	22.747	3.4006	.00632	.23841	24.918	9.0939
SDev	.00333	.700	.1034	.00103	.00652	.716	.2728
%RSD	19.569	3.0753	3.0419	16.247	2.7331	2.8745	2.9997

#1	-.01467	23.242	3.4737	.00705	.24302	25.424	9.2868
#2	-.01938	22.253	3.3274	.00559	.23380	24.411	8.9010

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00343	136.92	116.20	2.3280	.00597	.04495	.32071
SDev	.00002	4.23	3.41	.0710	.00005	.00101	.00968
%RSD	.64678	3.0908	2.9368	3.0514	.82147	2.2433	3.0187

#1	-.00342	139.91	118.61	2.3783	.00594	.04566	.32756
#2	-.00345	133.93	113.79	2.2778	.00601	.04423	.31386

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54855	.49710	.64976	.83876	-.01184	-.01962

SDev	.01668	.01529	.01707	.01856	.00579	.00210
%RSD	3.0404	3.0769	2.6263	2.2127	48.929	10.711

#1	.56034	.50792	.66183	.85188	-.00774	-.01813
#2	.53675	.48629	.63769	.82564	-.01593	-.02111

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32354	--	--	--	--	--	--
SDev	806.1018	--	--	--	--	--	--
%RSD	2.491506	--	--	--	--	--	--

#1	31784	--	--	--	--	--	--
#2	32924	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-1-d ms Operator: SRP
Run Time: 01/30/12 13:39:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	232.23	.26745	.89775	2.7980	.35190	.64363	.39512
SDev	.29	.00255	.00493	.0083	.00298	.00235	.00352
%RSD	.12611	.95469	.54875	.29716	.84583	.36482	.89029

#1	232.02	.26925	.90123	2.7921	.35401	.64529	.39760
#2	232.44	.26564	.89426	2.8039	.34980	.64197	.39263

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	715.43	.90978	.73241	1.0598	255.20	.72192	2.4769
SDev	6.11	.00733	.00664	.0030	2.09	.00530	.0160

%RSD	.85360	.80540	.90649	.28760	.82077	.73479	.64661
#1	719.75	.91496	.73710	1.0577	256.68	.71817	2.4882
#2	711.11	.90460	.72771	1.0620	253.72	.72567	2.4656

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67347	35.285	5.3764	.64065	.92105	42.159	11.167
SDev	.00086	.211	.0319	.00334	.00709	.332	.020
%RSD	.12743	.59658	.59319	.52112	.76998	.78678	.18338
#1	.67407	35.433	5.3990	.64301	.92607	41.924	11.182
#2	.67286	35.136	5.3539	.63829	.91604	42.393	11.153

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40814	153.44	129.87	3.2782	.83105	.71451	.66359
SDev	.00021	.88	.72	.0046	.00315	.00840	.00098
%RSD	.05156	.57298	.55255	.13896	.37908	1.1757	.14836
#1	.40829	152.82	129.37	3.2750	.82882	.72045	.66429
#2	.40799	154.06	130.38	3.2815	.83328	.70857	.66289

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3580	1.3029	2.1229	2.6539	.59808	.71116
SDev	.0059	.0066	.0173	.0154	.00284	.00013
%RSD	.43638	.50724	.81415	.57960	.47465	.01857
#1	1.3622	1.3076	2.1351	2.6648	.60009	.71107
#2	1.3539	1.2983	2.1107	2.6430	.59607	.71125

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31284	--	--	--	--	--	--
SDev	257.3869	--	--	--	--	--	--
%RSD	.8227428	--	--	--	--	--	--
#1	31466	--	--	--	--	--	--
#2	31102	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-1-e msd Operator: SRP
Run Time: 01/30/12 13:43:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.35	.26937	.89520	2.7732	.35104	.59022	.38404
SDev	1.47	.00420	.00692	.0180	.00291	.00459	.00385
%RSD	.67436	1.5599	.77248	.64902	.82976	.77718	1.0032
#1	216.32	.26640	.89031	2.7604	.34898	.58698	.38131
#2	218.39	.27234	.90009	2.7859	.35310	.59346	.38676

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	571.11	.89837	.73280	.97678	264.10	.71701	1.5062
SDev	4.70	.00730	.00550	.00480	2.30	.00479	.0138
%RSD	.82252	.81198	.75105	.49123	.87104	.66868	.91857
#1	567.79	.89321	.72891	.97339	262.47	.71362	1.4964
#2	574.44	.90352	.73669	.98017	265.72	.72040	1.5160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66828	33.448	5.2965	.63668	.92833	41.156	9.7656
SDev	.01255	.256	.0416	.00560	.00607	.254	.0764
%RSD	1.8783	.76482	.78529	.87924	.65354	.61669	.78185
#1	.65941	33.267	5.2671	.63273	.92404	40.977	9.7116
#2	.67716	33.629	5.3260	.64064	.93262	41.336	9.8196

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40727	151.08	128.06	3.1410	.85011	.67057	.66712
SDev	.00236	1.13	.74	.0213	.00400	.00092	.00477

%RSD	.57943	.74555	.58052	.67698	.47114	.13638	.71505
#1	.40560	150.28	127.53	3.1260	.84728	.66992	.66375
#2	.40894	151.87	128.59	3.1560	.85295	.67121	.67049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3064	1.3424	1.2800	1.6193	.60150	.70167
SDev	.0108	.0110	.0082	.0167	.00660	.01553
%RSD	.82386	.82048	.63708	1.0298	1.0975	2.2129
#1	1.2988	1.3346	1.2743	1.6075	.59683	.69069
#2	1.3140	1.3502	1.2858	1.6311	.60617	.71265

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30653	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.2860446	--	--	--	--	--	--
#1	30715	--	--	--	--	--	--
#2	30591	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-2-a Operator: SRP
Run Time: 01/30/12 13:47:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	200.16	.01072	.13294	1.8171	.01339	.09406	.01391
SDev	1.13	.00125	.00092	.0146	.00006	.00090	.00002
%RSD	.56555	11.639	.68959	.80409	.46120	.96243	.10724
#1	199.36	.01160	.13359	1.8068	.01343	.09470	.01392
#2	200.96	.00983	.13230	1.8274	.01334	.09342	.01390

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	437.79	.22081	.09130	.23270	251.73	.18483	3.9019
SDev	.30	.00021	.00021	.00084	.04	.00194	.0067
%RSD	.06840	.09519	.22820	.36101	.01595	1.0489	.17273
#1	437.58	.22096	.09145	.23210	251.70	.18346	3.8972
#2	438.00	.22066	.09115	.23329	251.76	.18620	3.9067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02064	27.102	3.0099	.01268	.21754	28.760	9.0782
SDev	.00296	.031	.0057	.00101	.00042	.333	.0228
%RSD	14.324	.11340	.18889	7.9638	.19122	1.1584	.25135
#1	-.01855	27.080	3.0059	.01339	.21725	28.524	9.0620
#2	-.02273	27.124	3.0139	.01196	.21784	28.995	9.0943

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00306	155.13	128.53	2.0011	.01656	.06440	.39913
SDev	.00010	1.11	1.11	.0152	.00535	.00059	.00148
%RSD	3.2128	.71243	.86237	.76100	32.298	.91233	.37182
#1	-.00299	154.35	127.75	1.9903	.02035	.06399	.39808
#2	-.00313	155.91	129.31	2.0118	.01278	.06482	.40018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65958	.47484	3.3576	4.1741	-.01462	-.02365
SDev	.00224	.00090	.0073	.0065	.00505	.00696
%RSD	.33893	.18960	.21717	.15486	34.559	29.437
#1	.65800	.47420	3.3525	4.1695	-.01819	-.01873
#2	.66116	.47548	3.3628	4.1787	-.01105	-.02857

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31616	--	--	--	--	--	--
SDev	238.2950	--	--	--	--	--	--
%RSD	.7537283	--	--	--	--	--	--
#1	31784	--	--	--	--	--	--
#2	31447	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-3-a Operator: SRP
Run Time: 01/30/12 13:51:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	188.21	.00671	.12921	1.7908	.01052	.17146	.02060
SDev	1.33	.01027	.00597	.0140	.00018	.00223	.00005
%RSD	.70681	153.07	4.6200	.77993	1.7071	1.3025	.24156
#1	189.15	-.00055	.12499	1.8007	.01039	.16989	.02057

#2	187.27	.01398	.13343	1.7809	.01065	.17304	.02064

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	938.36	.20454	.07858	.21337	229.13	.20040	3.5503
SDev	10.22	.00340	.00190	.00027	2.47	.00268	.0376
%RSD	1.0897	1.6614	2.4130	.12518	1.0793	1.3373	1.0589
#1	931.13	.20214	.07724	.21356	227.38	.20230	3.5769
#2	945.59	.20695	.07992	.21318	230.88	.19851	3.5238

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02331	24.893	3.6446	.00782	.20258	29.739	10.209
SDev	.00254	.186	.0257	.00019	.00419	.503	.026
%RSD	10.904	.74582	.70394	2.4916	2.0671	1.6911	.25115

#1	-.02511	24.761	3.6264	.00768	.19962	30.095	10.191
#2	-.02151	25.024	3.6627	.00796	.20554	29.384	10.227

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00402	114.10	105.32	3.4038	.00991	.06214	.37330
SDev	.00141	.74	1.30	.0184	.00384	.00273	.00085
%RSD	34.973	.64429	1.2330	.54015	38.698	4.3938	.22699
#1	-.00502	114.62	106.24	3.4168	.01263	.06021	.37270
#2	-.00303	113.58	104.40	3.3908	.00720	.06407	.37390

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59403	.51853	3.0196	3.8157	-.01495	-.02749
SDev	.00363	.00378	.0138	.0495	.01455	.00346
%RSD	.61082	.72876	.45822	1.2965	97.331	12.589
#1	.59146	.51586	3.0294	3.8507	-.02523	-.02505
#2	.59660	.52120	3.0098	3.7807	-.00466	-.02994

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30677	--	--	--	--	--	--
SDev	441.2346	--	--	--	--	--	--
%RSD	1.438324	--	--	--	--	--	--
#1	30365	--	--	--	--	--	--
#2	30989	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-4-a Operator: SRP
Run Time: 01/30/12 13:55:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.93	.00456	.11892	1.6585	.01155	.12126	.00164
SDev	1.90	.00132	.00002	.0195	.00001	.00026	.00004
%RSD	1.0367	28.898	.01415	1.1757	.11053	.21429	2.3345

#1	184.27	.00549	.11893	1.6723	.01156	.12145	.00167
#2	181.59	.00363	.11891	1.6447	.01154	.12108	.00162

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	554.78	.19392	.09376	.12074	231.78	.17817	2.2408
SDev	.09	.00091	.00056	.00154	.49	.00222	.0050
%RSD	.01613	.46774	.59458	1.2736	.20994	1.2439	.22476
#1	554.84	.19456	.09337	.12183	232.12	.17973	2.2444
#2	554.71	.19328	.09416	.11966	231.43	.17660	2.2373

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02419	25.084	3.8820	.00518	.18893	25.087	9.8703
SDev	.00061	.111	.0157	.00020	.00039	.332	.0567
%RSD	2.5228	.44211	.40471	3.8552	.20756	1.3230	.57402
#1	-.02462	25.162	3.8931	.00504	.18865	25.322	9.9104
#2	-.02376	25.006	3.8709	.00532	.18921	24.852	9.8303

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	165.52	137.33	2.5307	.01669	.03729	.35314
SDev	.00073	1.53	1.71	.0255	.00121	.00403	.00275
%RSD	27.779	.92170	1.2477	1.0072	7.2578	10.800	.77907
#1	-.00314	166.60	138.54	2.5487	.01755	.03445	.35509
#2	-.00211	164.44	136.12	2.5126	.01584	.04014	.35120

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59297	.40289	1.9038	2.4093	-.01174	-.03042
SDev	.00414	.00270	.0131	.0010	.00156	.00169
%RSD	.69870	.67052	.69056	.04073	13.259	5.5670
#1	.59590	.40480	1.9131	2.4100	-.01064	-.03162
#2	.59004	.40098	1.8945	2.4086	-.01284	-.02922

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30370	--	--	--	--	--	--
SDev	499.2174	--	--	--	--	--	--
%RSD	1.643785	--	--	--	--	--	--
#1	30017	--	--	--	--	--	--
#2	30723	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-5-a Operator: SRP
Run Time: 01/30/12 13:58:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	188.69	.00326	.11905	2.1652	.01224	.13377	.00234
SDev	1.29	.00175	.00041	.0139	.00008	.00016	.00009
%RSD	.68594	53.571	.34658	.64142	.64292	.11963	3.7501
#1	189.61	.00203	.11934	2.1751	.01229	.13388	.00227
#2	187.78	.00450	.11876	2.1554	.01218	.13366	.00240

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.76	.20246	.06488	.13734	227.48	.20763	.56064
SDev	3.05	.00158	.00040	.00122	1.27	.00131	.00535
%RSD	.61338	.77901	.62362	.89176	.55903	.63294	.95441

#1	498.92	.20357	.06460	.13820	228.38	.20855	.56442
#2	494.61	.20134	.06517	.13647	226.58	.20670	.55685

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02170	28.201	2.6041	.00183	.19659	24.339	9.2560
SDev	.00105	.206	.0166	.00093	.00061	.123	.0571
%RSD	4.8357	.72889	.63709	50.697	.30860	.50690	.61648
#1	-.02096	28.346	2.6159	.00248	.19616	24.426	9.2963
#2	-.02244	28.055	2.5924	.00117	.19701	24.252	9.2157

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00385	118.77	105.28	2.0090	.01411	.02401	.35415
SDev	.00106	.40	.64	.0120	.00569	.00270	.00238
%RSD	27.498	.33515	.60901	.59702	40.299	11.259	.67122
#1	-.00460	119.06	105.73	2.0175	.01009	.02210	.35584
#2	-.00310	118.49	104.83	2.0005	.01813	.02593	.35247

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60683	.46176	.44374	.61908	-.01342	-.02584
SDev	.00485	.00236	.00054	.00830	.00505	.00410
%RSD	.79952	.51216	.12122	1.3399	37.606	15.854
#1	.61026	.46343	.44336	.62495	-.01699	-.02294
#2	.60340	.46009	.44412	.61322	-.00985	-.02874

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32084	--	--	--	--	--	--
SDev	252.4371	--	--	--	--	--	--
%RSD	.7868129	--	--	--	--	--	--
#1	31905	--	--	--	--	--	--
#2	32262	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 14:02:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3529	.49685	.47230	.52673	.42197	.50097	.50703
SDev	.0467	.00555	.00364	.00767	.00637	.00697	.00682
%RSD	1.9829	1.1170	.77037	1.4556	1.5092	1.3909	1.3444
#1	2.3859	.50077	.47487	.53215	.42647	.50590	.51185
#2	2.3200	.49292	.46973	.52131	.41747	.49605	.50221

Analysis Report Blank Sample 01/30/12 02:06:38 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.795	.42900	.41341	.44601	2.5092	.47562	.46644
SDev	.184	.00653	.00622	.00681	.0235	.00683	.00888
%RSD	1.5584	1.5224	1.5045	1.5263	.93546	1.4359	1.9045
#1	11.925	.43361	.41781	.45083	2.5258	.48045	.47273
#2	11.665	.42438	.40901	.44120	2.4926	.47080	.46016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44634	4.4622	.44658	.47300	.48357	12.444	.87676
SDev	.00683	.0668	.00706	.00727	.00843	.183	.02164
%RSD	1.5300	1.4968	1.5801	1.5366	1.7422	1.4726	2.4685
#1	.45116	4.5095	.45157	.47814	.48953	12.573	.89207
#2	.44151	4.4150	.44159	.46786	.47761	12.314	.86146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23643	12.140	12.166	.26497	.53659	.41887	.48259
SDev	.00291	.101	.172	.00384	.00392	.00701	.00702
%RSD	1.2306	.83084	1.4106	1.4491	.73104	1.6734	1.4553
#1	.23849	12.212	12.287	.26769	.53936	.42383	.48756
#2	.23437	12.069	12.045	.26226	.53382	.41392	.47762

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44865	.50557	.39748	.50093	.38999	.47456
SDev	.00711	.00695	.00534	.01065	.00160	.00944
%RSD	1.5853	1.3750	1.3441	2.1269	.41072	1.9900
#1	.45368	.51049	.40126	.50846	.39113	.48124
#2	.44362	.50066	.39370	.49339	.38886	.46788

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27624	--	--	--	--	--	--
SDev	214.2534	--	--	--	--	--	--
%RSD	.7756199	--	--	--	--	--	--
#1	27472	--	--	--	--	--	--
#2	27775	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP

Run Time: 01/30/12 14:06:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10882	.00166	-.00076	.00035	-.00155	.00147	.00028
SDev	.00181	.00076	.00163	.00003	.00002	.00080	.00006

%RSD	1.6654	46.147	213.56	7.0299	1.1789	54.439	22.045
#1	.11010	.00112	.00039	.00033	-.00156	.00204	.00033
#2	.10754	.00220	-.00192	.00037	-.00154	.00091	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00481	-.00003	.00027	-.00401	.01335	.00036	.00066
SDev	.00034	.00022	.00044	.00007	.01524	.00001	.00004
%RSD	7.1259	682.03	167.16	1.8264	114.09	3.8545	5.8431
#1	-.00456	-.00019	.00058	-.00406	.02413	.00037	.00069
#2	-.00505	.00012	-.00005	-.00396	.00258	.00035	.00063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00262	.00581	.00002	.00032	.00035	-.06985	-.01150
SDev	.00479	.00523	.00007	.00062	.00027	.02760	.00133
%RSD	182.70	90.007	416.11	195.26	78.751	39.515	11.605
#1	-.00077	.00951	-.00003	.00075	.00054	-.05034	-.01056
#2	.00601	.00211	.00007	-.00012	.00015	-.08937	-.01244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.01043	.01314	.00011	.00133	-.00077	.00030
SDev	.00048	.09172	.00148	.00001	.00137	.00040	.00010
%RSD	183.33	879.03	11.291	12.546	102.87	52.149	33.864
#1	.00060	.05442	.01419	.00010	.00230	-.00048	.00037
#2	-.00008	-.07529	.01209	.00012	.00036	-.00105	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00045	-.00000	.00099	.00442	.00172
SDev	.00007	.00004	.00119	.00054	.00118	.00660
%RSD	15.639	9.8091	44502.	54.118	26.633	382.82
#1	.00041	-.00048	.00084	.00061	.00359	-.00294
#2	.00052	-.00042	-.00085	.00137	.00525	.00639

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26934	--	--	--	--	--	--
SDev	207.8894	--	--	--	--	--	--
%RSD	.7718474	--	--	--	--	--	--
#1	26787	--	--	--	--	--	--

#2	27081	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-6-a Operator: SRP
Run Time: 01/30/12 14:10:33
Comment: TRACE 61E

Analysis Report 01/30/12 02:14:21 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	205.29	.00315	.14300	2.2742	.01404	.10294	.00125
SDev	.04	.00053	.00098	.0006	.00001	.00012	.00020
%RSD	.02144	16.820	.68852	.02784	.07706	.11532	16.337
#1	205.32	.00277	.14231	2.2747	.01405	.10302	.00139
#2	205.26	.00352	.14370	2.2738	.01403	.10285	.00111

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	589.02	.21895	.10443	.15344	270.91	.22767	.38769
SDev	1.35	.00038	.00074	.00004	.49	.00017	.00057
%RSD	.22908	.17233	.70780	.02798	.18212	.07443	.14606
#1	589.97	.21921	.10495	.15347	271.26	.22755	.38729
#2	588.07	.21868	.10391	.15341	270.56	.22779	.38809

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03342	33.781	7.7344	.00440	.23456	24.643	8.6500
SDev	.00402	.060	.0147	.00101	.00049	.031	.0021
%RSD	12.027	.17681	.18949	22.891	.21109	.12618	.02434
#1	-.03058	33.823	7.7448	.00512	.23491	24.621	8.6485
#2	-.03626	33.739	7.7240	.00369	.23421	24.665	8.6515

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00359	109.71	100.44	2.3928	.02667	.02640	.31862
SDev	.00047	.07	.10	.0008	.00340	.00150	.00065
%RSD	13.030	.06521	.09677	.03249	12.741	5.6640	.20502
#1	-.00326	109.66	100.51	2.3934	.02908	.02745	.31908
#2	-.00392	109.76	100.38	2.3923	.02427	.02534	.31816

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74499	.47929	.29430	.43439	-.01819	-.04104
SDev	.00114	.00005	.00138	.00154	.00652	.00277
%RSD	.15372	.01133	.47036	.35487	35.870	6.7436
#1	.74580	.47925	.29528	.43330	-.01357	-.03908
#2	.74418	.47933	.29332	.43548	-.02280	-.04299

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31704	--	--	--	--	--	--
SDev	119.5011	--	--	--	--	--	--

%RSD	.3769214	--	--	--	--	--	--
#1	31620	--	--	--	--	--	--
#2	31789	--	--	--	--	--	--

Analysis Report 01/30/12 02:14:21 PM page 15

Method: 20076010 Sample Name: 600-49143-b-8-a Operator: SRP
Run Time: 01/30/12 14:14:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	130.50	.01898	.16469	1.6621	.00737	.05329	.02213
SDev	3.25	.00246	.00573	.0402	.00015	.00174	.00034
%RSD	2.4920	12.949	3.4794	2.4172	2.0038	3.2590	1.5207
#1	132.80	.02072	.16874	1.6905	.00747	.05452	.02237
#2	128.21	.01725	.16064	1.6337	.00726	.05206	.02189

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1177.1	.16112	.08920	.24503	176.03	.10217	4.0183
SDev	23.7	.00364	.00105	.00619	3.84	.00265	.0891
%RSD	2.0143	2.2594	1.1774	2.5276	2.1806	2.5902	2.2165
#1	1193.8	.16370	.08994	.24941	178.74	.10404	4.0813
#2	1160.3	.15855	.08846	.24065	173.32	.10030	3.9553

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02217	25.456	9.4242	.00701	.32330	48.354	10.583
SDev	.00309	.589	.2113	.00106	.00558	1.182	.252
%RSD	13.951	2.3124	2.2417	15.155	1.7271	2.4436	2.3802
#1	-.02436	25.873	9.5735	.00626	.32725	49.189	10.761
#2	-.01998	25.040	9.2748	.00776	.31936	47.518	10.405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00279	3.4211	4.4134	5.8024	.01499	.04904	.24169
SDev	.00096	.1919	.1139	.1407	.00346	.00269	.00567
%RSD	34.466	5.6088	2.5813	2.4243	23.051	5.4954	2.3468
#1	-.00347	3.2855	4.4940	5.9019	.01255	.04713	.24570
#2	-.00211	3.5568	4.3329	5.7030	.01744	.05094	.23768

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58691	.78429	3.3753	4.3399	-.00902	-.02874
SDev	.01334	.01804	.0743	.0965	.00694	.00117
%RSD	2.2722	2.2999	2.2005	2.2227	76.859	4.0753
#1	.59634	.79705	3.4278	4.4081	-.01393	-.02957
#2	.57748	.77154	3.3227	4.2716	-.00412	-.02791

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	28927	--	--	--	--	--	--

SDev	571.3423	--	--	--	--	--	--
%RSD	1.975118	--	--	--	--	--	--
#1	28523	--	--	--	--	--	--
#2	29331	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49143-b-1-a Operator: SRP
Run Time: 01/30/12 14:18:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.76	.87798	.93458	2.5609	.35780	.97704	.41993
SDev	.02	.00714	.00281	.0031	.00034	.00251	.00094
%RSD	.01412	.81334	.30011	.11947	.09502	.25734	.22350
#1	171.77	.87293	.93260	2.5630	.35756	.97527	.41927
#2	171.74	.88303	.93656	2.5587	.35804	.97882	.42059

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	325.99	.88608	.80609	.98463	226.56	1.2164	1.6869
SDev	.69	.00140	.00080	.00210	.30	.0007	.0059
%RSD	.21232	.15802	.09877	.21299	.13410	.05523	.34726
#1	325.50	.88509	.80553	.98612	226.34	1.2168	1.6828
#2	326.48	.88707	.80666	.98315	226.77	1.2159	1.6910

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72684	29.086	3.4369	.80073	1.0256	35.432	10.276
SDev	.00111	.038	.0031	.00229	.0010	.008	.006
%RSD	.15301	.13001	.09083	.28538	.10046	.02394	.06247
#1	.72606	29.059	3.4347	.79912	1.0263	35.438	10.272
#2	.72763	29.112	3.4391	.80235	1.0249	35.426	10.281

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41512	150.18	128.30	2.4398	.91903	.74786	1.1726
SDev	.00055	.02	.02	.0012	.00325	.00196	.0009
%RSD	.13142	.01129	.01385	.05096	.35390	.26206	.07346
#1	.41550	150.19	128.29	2.4407	.91674	.74648	1.1719
#2	.41473	150.17	128.31	2.4390	.92133	.74925	1.1732

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2891	1.3122	1.3988	1.8309	.63074	.77490
SDev	.0011	.0024	.0010	.0083	.00310	.00322
%RSD	.08548	.17974	.07313	.45198	.49087	.41505
#1	1.2883	1.3105	1.3981	1.8251	.63293	.77262
#2	1.2899	1.3138	1.3995	1.8368	.62855	.77717

Analysis Report 01/30/12 02:22:03 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30063	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.2540250	--	--	--	--	--	--
#1	30009	--	--	--	--	--	--
#2	30117	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49143-b-1-a@5 Operator: SRP
Run Time: 01/30/12 14:22:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.060	.00319	.02992	.39303	.00135	.02369	.00135
SDev	.112	.00215	.00157	.00103	.00001	.00034	.00003
%RSD	.28590	67.408	5.2404	.26187	.63545	1.4285	1.9357
#1	39.139	.00471	.03103	.39376	.00135	.02393	.00133
#2	38.981	.00167	.02881	.39231	.00136	.02346	.00137

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.099	.04368	.03353	.04109	53.629	.03357	.22811
SDev	.179	.00034	.00010	.00015	.132	.00004	.00204
%RSD	.21594	.77871	.29526	.36395	.24684	.12792	.89457
#1	83.226	.04392	.03360	.04120	53.722	.03360	.22955
#2	82.972	.04344	.03346	.04099	53.535	.03353	.22667

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00324	5.5071	.67241	.00166	.05976	4.5674	2.2928
SDev	.00072	.0137	.00191	.00158	.00019	.0017	.0120
%RSD	22.322	.24896	.28394	95.142	.32489	.03628	.52349
#1	-.00273	5.5168	.67376	.00278	.05962	4.5662	2.3013
#2	-.00376	5.4974	.67106	.00054	.05990	4.5685	2.2843

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	27.927	27.651	.45664	.00587	.01137	.09011
SDev	.00008	.023	.006	.00081	.00169	.00104	.00036
%RSD	15.245	.08169	.02067	.17792	28.817	9.1074	.40365
#1	-.00047	27.911	27.647	.45722	.00468	.01211	.09037
#2	-.00058	27.944	27.655	.45607	.00707	.01064	.08985

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13083	.11878	.18418	.25007	-.00238	-.00368
SDev	.00051	.00046	.00075	.00269	.00235	.00226
%RSD	.38575	.39090	.40666	1.0742	98.914	61.547

Analysis Report 01/30/12 02:25:54 PM page 18

#1	.13118	.11911	.18471	.25197	-.00404	-.00208
#2	.13047	.11846	.18365	.24817	-.00072	-.00528

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27893	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1926652	--	--	--	--	--	--
#1	27855	--	--	--	--	--	--
#2	27931	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/30/12 14:25:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19915	.01342	.01200	.01136	.00239	.01210	.00532
SDev	.00823	.00102	.00087	.00023	.00008	.00101	.00016
%RSD	4.1317	7.5606	7.2811	2.0092	3.2158	8.3628	3.0424
#1	.20496	.01270	.01261	.01152	.00244	.01282	.00544
#2	.19333	.01414	.01138	.01120	.00234	.01139	.00521

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07701	.00894	.00834	.00509	.11886	.00941	.00953
SDev	.00720	.00034	.00040	.00033	.00736	.00026	.00065
%RSD	9.3545	3.8536	4.7717	6.4193	6.1881	2.7737	6.8494
#1	.08210	.00918	.00862	.00532	.12406	.00959	.00999
#2	.07191	.00869	.00805	.00486	.11366	.00922	.00907

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00766	.09138	.00928	.00909	.01078	.54366	-.00033
SDev	.00178	.01134	.00031	.00075	.00062	.05874	.00422
%RSD	23.249	12.410	3.3004	8.2320	5.7513	10.806	1290.4
#1	.00892	.09940	.00950	.00856	.01122	.58520	.00266
#2	.00640	.08336	.00907	.00962	.01034	.50212	-.00331

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00478	.60892	.57460	.00546	.01269	.00914	.01009
SDev	.00028	.11575	.01385	.00013	.00189	.00091	.00023
%RSD	5.9504	19.010	2.4108	2.3182	14.881	9.9334	2.2599
#1	.00498	.69077	.58440	.00555	.01402	.00978	.01025
#2	.00458	.52707	.56481	.00537	.01135	.00850	.00993

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00993	.01008	.00447	.01206	.00452	.00923	
SDev	.00061	.00027	.00300	.00052	.00417	.00058	
%RSD	6.1792	2.6875	67.075	4.3219	92.321	6.3267	
#1	.01037	.01028	.00660	.01169	.00747	.00964	
#2	.00950	.00989	.00235	.01243	.00157	.00881	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27140	--	--	--	--	--	--
SDev	367.6955	--	--	--	--	--	--
%RSD	1.354810	--	--	--	--	--	--
#1	26880	--	--	--	--	--	--
#2	27400	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/30/12 14:29:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	426.81	.00468	-.00111	.00175	-.00220	.00016	-.00238
SDev	1.35	.00241	.00034	.00002	.00004	.00042	.00031
%RSD	.31561	51.589	30.965	1.1380	1.9724	269.77	12.842
#1	425.86	.00297	-.00087	.00173	-.00217	.00045	-.00216
#2	427.77	.00639	-.00135	.00176	-.00223	-.00014	-.00259

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	402.09	.00043	-.00040	.00729	178.43	.00453	.00498
SDev	.19	.00002	.00005	.00007	.20	.00000	.00045
%RSD	.04734	5.0368	11.313	1.0093	.11373	.00381	9.0979
#1	401.95	.00044	-.00037	.00735	178.28	.00453	.00530
#2	402.22	.00041	-.00043	.00724	178.57	.00453	.00466

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02289	420.80	-.00594	-.00078	.00048	-.04685	-.00863
SDev	.00051	.67	.00002	.00052	.00094	.00494	.00025
%RSD	2.2470	.15812	.39733	66.447	197.57	10.547	2.9413
#1	-.02253	420.33	-.00595	-.00041	-.00019	-.04335	-.00845
#2	-.02325	421.27	-.00592	-.00114	.00114	-.05034	-.00881

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00099	.04345	.15715	-.00775	.02831	-.00132	-.00232
SDev	.00047	.02741	.00139	.00001	.00009	.00195	.00018
%RSD	47.803	63.088	.88756	.18897	.32344	147.82	7.5438

#1	-.00065	.06284	.15813	-.00774	.02837	.00006	-.00220
#2	-.00132	.02407	.15616	-.00776	.02824	-.00269	-.00245

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00527	-.00240	-.06761	.04128	-.00130	-.03368
SDev	.00017	.00045	.00346	.00105	.00295	.00225
%RSD	3.1627	18.881	5.1167	2.5437	226.56	6.6677
#1	.00538	-.00272	-.06516	.04053	-.00339	-.03210
#2	.00515	-.00208	-.07005	.04202	.00078	-.03527

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24560	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.3512501	--	--	--	--	--	--
#1	24621	--	--	--	--	--	--
#2	24499	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/30/12 14:33:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	445.50	1.0425	.96122	1.0975	.38905	1.0590	.47606
SDev	4.25	.0098	.01617	.0085	.00346	.0115	.00537
%RSD	.95310	.94011	1.6823	.77218	.88877	1.0864	1.1275
#1	442.49	1.0355	.94979	1.0915	.38660	1.0509	.47227
#2	448.50	1.0494	.97266	1.1035	.39149	1.0671	.47986

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	422.62	.79726	.73846	.92880	193.57	1.2860	.89417
SDev	4.45	.00760	.00666	.00633	1.97	.0104	.00795
%RSD	1.0518	.95393	.90237	.68155	1.0174	.80803	.88919
#1	419.48	.79188	.73375	.92432	192.18	1.2787	.88855
#2	425.76	.80263	.74317	.93327	194.96	1.2934	.89979

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86624	441.33	.84501	.91556	.89256	15.457	.85638
SDev	.01841	4.41	.00799	.00611	.00566	.151	.00588
%RSD	2.1256	.99841	.94530	.66778	.63452	.97564	.68652
#1	.85322	438.21	.83936	.91123	.88855	15.350	.85222
#2	.87926	444.44	.85065	.91988	.89656	15.564	.86053

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report Blank Sample 01/30/12 02:37:28 PM page 21

Avge	.50033	11.829	14.253	.53843	1.0803	.79876	.93494
SDev	.00411	.170	.122	.00437	.0041	.00669	.00845
%RSD	.82242	1.4410	.85402	.81232	.37927	.83773	.90353

#1	.49742	11.709	14.167	.53533	1.0774	.79403	.92897
#2	.50324	11.950	14.339	.54152	1.0832	.80349	.94091

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85384	.99299	.68635	.99808	.76607	.91633
SDev	.00810	.01040	.00280	.01332	.01207	.03365
%RSD	.94869	1.0473	.40716	1.3349	1.5757	3.6728
#1	.84811	.98563	.68832	.98866	.77461	.89253
#2	.85956	1.0003	.68437	1.0075	.75754	.94013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24141	--	--	--	--	--	--
SDev	151.3209	--	--	--	--	--	--
%RSD	.6268210	--	--	--	--	--	--
#1	24248	--	--	--	--	--	--
#2	24034	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 14:37:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4427	.51106	.47241	.53957	.40884	.51188	.51485
SDev	.0375	.00017	.00404	.00084	.00138	.00066	.00208
%RSD	1.5363	.03393	.85539	.15508	.33724	.12850	.40391
#1	2.4162	.51093	.47526	.53898	.40981	.51142	.51632
#2	2.4692	.51118	.46955	.54016	.40786	.51235	.51338

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.822	.41949	.40282	.43565	2.5935	.49247	.46682
SDev	.003	.00160	.00170	.00040	.0015	.00148	.00113
%RSD	.02545	.38168	.42255	.09257	.05620	.30079	.24210
#1	11.820	.42063	.40403	.43537	2.5945	.49142	.46762
#2	11.824	.41836	.40162	.43594	2.5925	.49351	.46602

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44886	4.5003	.44296	.47256	.49155	12.940	.84076
SDev	.00078	.0217	.00143	.00143	.00313	.042	.00055
%RSD	.17430	.48230	.32280	.30319	.63657	.32817	.06508
#1	.44941	4.4849	.44397	.47357	.49376	12.910	.84114

#2	.44831	4.5156	.44195	.47155	.48933	12.970	.84037

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23579	12.311	12.529	.27210	.54914	.41309	.48404
SDev	.00016	.105	.051	.00036	.00703	.00145	.00086

%RSD	.06716	.85641	.40931	.13176	1.2800	.35118	.17719
#1	.23590	12.236	12.493	.27185	.54417	.41411	.48464
#2	.23568	12.385	12.565	.27236	.55411	.41206	.48343

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44230	.51000	.38698	.50674	.38350	.48154
SDev	.00058	.00129	.00170	.00084	.00295	.00030
%RSD	.13072	.25245	.44026	.16643	.76785	.06205
#1	.44271	.51091	.38819	.50733	.38558	.48133
#2	.44189	.50909	.38578	.50614	.38142	.48175

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26320	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1289557	--	--	--	--	--	--
#1	26296	--	--	--	--	--	--
#2	26344	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 14:41:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15103	.00224	.00045	.00052	-.00156	.00252	.00017
SDev	.00379	.00133	.00030	.00011	.00005	.00083	.00001
%RSD	2.5073	59.422	66.008	20.433	3.2229	32.981	3.0465
#1	.14835	.00318	.00067	.00060	-.00153	.00311	.00016
#2	.15371	.00130	.00024	.00045	-.00160	.00193	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03076	.00010	-.00014	-.00429	.01466	.00035	.00049
SDev	.00288	.00011	.00007	.00015	.01104	.00007	.00005
%RSD	9.3500	107.38	52.422	3.4219	75.286	19.588	10.800
#1	.02872	.00018	-.00019	-.00419	.02247	.00040	.00045
#2	.03279	.00002	-.00009	-.00440	.00686	.00030	.00053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.04340	.00013	.00034	.00017	-.08657	-.02478

SDev	.00144	.00300	.00010	.00109	.00017	.02948	.00144
%RSD	346.28	6.9084	74.239	324.95	102.51	34.059	5.8176
#1	.00143	.04552	.00021	.00110	.00029	-.06572	-.02377
#2	-.00060	.04128	.00006	-.00043	.00005	-.10742	-.02580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00027	-.03072	.01599	.00016	.00161	-.00045	.00036
SDev	.00022	.00884	.00357	.00005	.00185	.00058	.00018
%RSD	82.903	28.766	22.298	29.784	114.46	129.89	50.516
#1	-.00011	-.02447	.01851	.00020	.00292	-.00004	.00049
#2	-.00043	-.03697	.01347	.00013	.00031	-.00086	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00015	-.00062	.00105	.00293	-.00084
SDev	.00033	.00027	.00110	.00047	.00197	.00117
%RSD	64.383	183.57	176.53	44.840	67.142	138.31
#1	.00075	.00004	-.00140	.00138	.00432	-.00002
#2	.00028	-.00034	.00015	.00072	.00154	-.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27438	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0283487	--	--	--	--	--	--
#1	27432	--	--	--	--	--	--
#2	27443	--	--	--	--	--	--

Metals Worksheet

Batch Number: 600-70887
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 1:58P
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0112S1_00015	MER0112S2_00015
S0						
S0.2						
S0.5						
S1.0						
S2.0						
S5.0						
S10.0						
ICV~600-70887/8		7470A		50 mL		1.5 mL
ICB~600-70887/9		7470A				
CRA~600-70887/10		7470A		50 mL	.1 mL	
CCV~600-70887/11		7470A		50 mL		1.5 mL
CCB~600-70887/12		7470A				
MB~600-70863/7-A		7470A				
LCS~600-70863/8-A		7470A				
600-49248-G-1-B		7470A	T			
600-49248-G-1-C~DU		7470A	T			
600-49248-G-1-D~MS		7470A	T			
600-49248-G-1-E~MSD		7470A	T			
600-49299-D-1-E		245.1	T			
600-49299-D-2-B		245.1	T			
600-49299-C-3-B		245.1	T			
600-49305-A-1-B		245.1	T			
CCV~600-70887/23		7470A		50 mL		1.5 mL
CCB~600-70887/24		7470A				
600-49305-A-2-B		245.1	T			

Metals Worksheet

Batch Number: 600-70887
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 1:58P
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0112S1_00015	MER0112S2_00015
600-49311-A-3-B		245.1	T			
600-49311-A-6-B		245.1	T			
LB~600-70273/1-E		7470A				
600-48823-A-1-F		7470A	P			
600-48823-A-1-G~MS		7470A	P			
600-48823-A-1-H~MSD		7470A	P			
600-48823-B-2-E		7470A	P			
600-48823-B-2-F~MS		7470A	P			
LB~600-70563/1-F		7470A				
CCV~600-70887/35		245.1		50 mL		1.5 mL
CCB~600-70887/36		245.1				
600-49076-C-6-K		7470A	P			
600-49055-A-1-G		7470A	P			
600-49055-A-1-H~MS		7470A	P			
600-49140-A-1-E		7470A	P			
600-49140-A-1-F~MS		7470A	P			
LB~600-70806/1-C		7470A				
600-49145-A-4-E		7470A	P			
600-49143-B-9-C		7470A	P			
600-49245-C-1-C		7470A	P			
600-49265-A-1-D		7470A	P			
CCV~600-70887/47		7470A		50 mL		1.5 mL
CCB~600-70887/48		7470A				
600-49265-A-1-E~MS		7470A	P			
600-49143-A-8-C		7470A	P			

Metals Worksheet

Batch Number: 600-70887
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 1:58P
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0112S1_00015	MER0112S2_00015
600-49263-B-1-C		7470A	P			
LB~600-70807/1-C		7470A				
600-49279-A-1-C		7470A	P			
600-49279-A-1-D~MS		7470A	P			
600-49279-A-1-E~MSD		7470A	P			
600-49248-G-1-B~SD~^5		7470A	T			
600-48823-A-1-F~SD~^5		7470A	P			
CCV~600-70887/58		7470A		50 mL		1.5 mL
CCB~600-70887/59		7470A				
600-49140-A-1-E~PDS		7470A	P	10 mL		.3 mL
CCV~600-70887/61		7470A		50 mL		1.5 mL
CCB~600-70887/62		7470A				

Analysis Begun

DC 01-25-12

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 70863
Results Data Set: FW012512
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1 Autosampler Location: 2
Sample ID: S0 Date Collected: 1/25/2012 13:58:30
Analyst: Data Type: Original

Replicate Data: S0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0005	0.0029	0.0005	13:59:35	Yes
2		[0.00]	0.0005	0.0035	0.0005	14:00:17	Yes
Mean:		[0.00]	0.0005				
SD:		0.00	0.0000				
%RSD:		0.00	0.41				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 3
Sample ID: S0.2 Date Collected: 1/25/2012 14:00:19
Analyst: Data Type: Original

Replicate Data: S0.2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0025	0.0164	0.0030	14:01:24	Yes
2		[0.2]	0.0024	0.0151	0.0029	14:02:06	Yes
Mean:		[0.2]	0.0025				
SD:		0.0	0.0001				
%RSD:		0.0	3.50				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.01226 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 4
Sample ID: S0.5 Date Collected: 1/25/2012 14:02:08
Analyst: Data Type: Original

Replicate Data: S0.5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0063	0.0360	0.0068	14:03:13	Yes
2		[0.5]	0.0062	0.0358	0.0067	14:03:55	Yes
Mean:		[0.5]	0.0063				
SD:		0.0	0.0001				
%RSD:		0.0	1.24				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.999952 Slope: 0.01255 Intercept: -0.00002

Sequence No.: 4 Autosampler Location: 5
Sample ID: S1.0 Date Collected: 1/25/2012 14:03:57
Analyst: Data Type: Original

Replicate Data: S1.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.0]	0.0128	0.0712	0.0134	14:05:02	Yes
2		[1.0]	0.0128	0.0699	0.0133	14:05:45	Yes
Mean:		[1.0]	0.0128				
SD:		0.0	0.0000				
%RSD:		0.0	0.34				

Standard number 3 applied. [1.0]
Correlation Coef.: 0.999916 Slope: 0.01284 Intercept: -0.00007

Sequence No.: 5 Autosampler Location: 6
Sample ID: S2.0 Date Collected: 1/25/2012 14:05:47
Analyst: Data Type: Original

Replicate Data: S2.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.0]	0.0265	0.1424	0.0270	14:06:54	Yes
2		[2.0]	0.0262	0.1411	0.0267	14:07:36	Yes
Mean:		[2.0]	0.0263				
SD:		0.0	0.0002				
%RSD:		0.0	0.70				

Standard number 4 applied. [2.0]
Correlation Coef.: 0.999875 Slope: 0.01320 Intercept: -0.00019

Sequence No.: 6 Autosampler Location: 7
Sample ID: S5.0 Date Collected: 1/25/2012 14:07:37
Analyst: Data Type: Original

Replicate Data: S5.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.0]	0.0650	0.3463	0.0655	14:08:43	Yes
2		[5.0]	0.0643	0.3428	0.0648	14:09:24	Yes
Mean:		[5.0]	0.0646				
SD:		0.0	0.0005				
%RSD:		0.0	0.84				

Standard number 5 applied. [5.0]
Correlation Coef.: 0.999954 Slope: 0.01297 Intercept: -0.00005

Sequence No.: 7 Autosampler Location: 8
Sample ID: S10.0 Date Collected: 1/25/2012 14:10:11
Analyst: Data Type: Original

Replicate Data: S10.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.0]	0.1272	0.6791	0.1277	14:11:17	Yes
2		[10.0]	0.1262	0.6737	0.1267	14:11:58	Yes
Mean:		[10.0]	0.1267				
SD:		0.0	0.0007				
%RSD:		0.0	0.55				

Standard number 6 applied. [10.0]
Correlation Coef.: 0.999926 Slope: 0.01270 Intercept: 0.00025

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
S0	0.0000	0	-0.020	0.00	0.4
S0.2	0.0025	0.2	0.174	0.00	3.5
S0.5	0.0063	0.5	0.474	0.00	1.2
S1.0	0.0128	1.0	0.990	0.00	0.3

S2.0	0.0263	2.0	2.055	0.00	0.7
S5.0	0.0646	5.0	5.072	0.00	0.8
S10.0	0.1267	10.0	9.956	0.00	0.6

Correlation Coef.: 0.999926 Slope: 0.01270 Intercept: 0.00025

Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICV **Date Collected: 1/25/2012 14:12:47**
Analyst: **Data Type: Original**

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.087	3.087	0.0394	0.2117	0.0400	14:13:52	Yes
2	3.074	3.074	0.0393	0.2107	0.0398	14:14:33	Yes
Mean:	3.080	3.080	0.0394				
SD:	0.009	0.009	0.0001				
%RSD:	0.293	0.293	0.29				

QC value within limits for Hg 253.7 Recovery = 102.68%
All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 2**
Sample ID: ICB **Date Collected: 1/25/2012 14:15:20**
Analyst: **Data Type: Original**

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0021	0.0004	14:16:26	Yes
2	-0.051	-0.051	-0.0004	-0.0023	0.0001	14:17:08	Yes
Mean:	-0.039	-0.039	-0.0002				
SD:	0.016	0.016	0.0002				
%RSD:	41.71	41.71	83.52				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 10 **Autosampler Location: 3**
Sample ID: CRA **Date Collected: 1/25/2012 14:17:09**
Analyst: **Data Type: Original**

Replicate Data: CRA

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.173	0.173	0.0024	0.0158	0.0030	14:18:15	Yes
2	0.170	0.170	0.0024	0.0153	0.0029	14:18:57	Yes
Mean:	0.171	0.171	0.0024				
SD:	0.002	0.002	0.0000				
%RSD:	1.215	1.215	1.09				

QC value within limits for Hg 253.7 Recovery = 85.54%
All analyte(s) passed QC.

Sequence No.: 11 **Autosampler Location: 1**
Sample ID: CCV **Date Collected: 1/25/2012 14:18:58**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.096	3.096	0.0396	0.2121	0.0401	14:20:04	Yes
2	3.074	3.074	0.0393	0.2104	0.0398	14:20:45	Yes
Mean:	3.085	3.085	0.0394				
SD:	0.016	0.016	0.0002				
%RSD:	0.506	0.506	0.50				

QC value within limits for Hg 253.7 Recovery = 102.84%
All analyte(s) passed QC.

Sequence No.: 12 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 14:21:33
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0021	0.0004	14:22:39	Yes
2	-0.030	-0.030	-0.0001	0.0019	0.0004	14:23:21	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	4.591	4.591	13.68				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13 Autosampler Location: 9
Sample ID: MB 600-70863/7-A Date Collected: 1/25/2012 14:23:22
Analyst: DCL Data Type: Original

Replicate Data: MB 600-70863/7-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0001	0.0018	0.0004	14:24:28	Yes
2	-0.031	-0.031	-0.0001	0.0018	0.0004	14:25:10	Yes
Mean:	-0.030	-0.030	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.183	3.183	9.02				

Sequence No.: 14 Autosampler Location: 10
Sample ID: LCS 600-70863/8-A Date Collected: 1/25/2012 14:25:11
Analyst: DCL Data Type: Original

Replicate Data: LCS 600-70863/8-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.984	2.984	0.0381	0.2066	0.0386	14:26:16	Yes
2	2.955	2.955	0.0378	0.2046	0.0383	14:26:58	Yes
Mean:	2.969	2.969	0.0380				
SD:	0.020	0.020	0.0003				
%RSD:	0.679	0.679	0.67				

Sequence No.: 15 Autosampler Location: 11
Sample ID: 600-49248-G-1-B Date Collected: 1/25/2012 14:27:00
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0021	0.0004	14:28:05	Yes
2	-0.032	-0.032	-0.0002	0.0015	0.0004	14:28:47	Yes
Mean:	-0.030	-0.030	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.209	8.209	23.92				

Sequence No.: 16 Autosampler Location: 12
Sample ID: 600-49248-G-1-C DU Date Collected: 1/25/2012 14:28:48
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-C DU

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.032	-0.032	-0.0002	0.0017	0.0003	14:29:54	Yes
2	-0.035	-0.035	-0.0002	0.0016	0.0003	14:30:36	Yes
Mean:	-0.034	-0.034	-0.0002				
SD:	0.002	0.002	0.0000				
%RSD:	5.647	5.647	13.44				

Sequence No.: 17 Autosampler Location: 13
Sample ID: 600-49248-G-1-D MS Date Collected: 1/25/2012 14:30:38
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-D MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.635	2.635	0.0337	0.1858	0.0342	14:31:43	Yes
2	2.650	2.650	0.0339	0.1874	0.0344	14:32:25	Yes
Mean:	2.643	2.643	0.0338				
SD:	0.010	0.010	0.0001				
%RSD:	0.386	0.386	0.38				

Sequence No.: 18 Autosampler Location: 14
Sample ID: 600-49248-G-1-E MSD Date Collected: 1/25/2012 14:32:26
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-E MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.648	2.648	0.0339	0.1869	0.0344	14:33:33	Yes
2	2.649	2.649	0.0339	0.1862	0.0344	14:34:15	Yes
Mean:	2.648	2.648	0.0339				
SD:	0.000	0.000	0.0000				
%RSD:	0.017	0.017	0.02				

Sequence No.: 19 Autosampler Location: 15
Sample ID: 600-49299-D-1-E Date Collected: 1/25/2012 14:34:17
Analyst: DCL Data Type: Original

Replicate Data: 600-49299-D-1-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	0.0000	0.0031	0.0006	14:35:22	Yes
2	-0.018	-0.018	0.0000	0.0031	0.0005	14:36:04	Yes
Mean:	-0.017	-0.017	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	8.722	8.722	57.57				

Sequence No.: 20 Autosampler Location: 16
Sample ID: 600-49299-D-2-B Date Collected: 1/25/2012 14:36:06
Analyst: DCL Data Type: Original

Replicate Data: 600-49299-D-2-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	0.0000	0.0029	0.0005	14:37:11	Yes
2	-0.019	-0.019	0.0000	0.0027	0.0005	14:37:52	Yes
Mean:	-0.018	-0.018	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	5.632	5.632	62.45				

Sequence No.: 21 Autosampler Location: 17
Sample ID: 600-49299-C-3-B Date Collected: 1/25/2012 14:37:54
Analyst: DCL Data Type: Original

Replicate Data: 600-49299-C-3-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0022	0.0005	14:38:59	Yes
2	-0.026	-0.026	-0.0001	0.0021	0.0004	14:39:42	Yes
Mean:	-0.025	-0.025	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.132	6.132	29.38				

Sequence No.: 22 Autosampler Location: 18
Sample ID: 600-49305-A-1-B Date Collected: 1/25/2012 14:39:44
Analyst: DCL Data Type: Original

Replicate Data: 600-49305-A-1-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0020	0.0004	14:40:49	Yes
2	-0.022	-0.022	-0.0000	0.0023	0.0005	14:41:31	Yes
Mean:	-0.023	-0.023	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	6.505	6.505	39.38				

Sequence No.: 23 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 14:41:32
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.045	3.045	0.0389	0.2085	0.0394	14:42:38	Yes
2	3.038	3.038	0.0388	0.2074	0.0393	14:43:20	Yes
Mean:	3.042	3.042	0.0389				
SD:	0.005	0.005	0.0001				
%RSD:	0.172	0.172	0.17				

QC value within limits for Hg 253.7 Recovery = 101.39%
All analyte(s) passed QC.

Sequence No.: 24 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 14:44:07
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.029	-0.029	-0.0001	0.0018	0.0004	14:45:13	Yes
2	-0.030	-0.030	-0.0001	0.0011	0.0004	14:45:54	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.566	0.566	1.69				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 25 Autosampler Location: 19
Sample ID: 600-49305-A-2-B Date Collected: 1/25/2012 14:45:56
Analyst: DCL Data Type: Original

Replicate Data: 600-49305-A-2-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0001	0.0016	0.0004	14:47:01	Yes
2	-0.026	-0.026	-0.0001	0.0022	0.0004	14:47:43	Yes
Mean:	-0.028	-0.028	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	9.367	9.367	30.41				

Sequence No.: 26 Autosampler Location: 20
Sample ID: 600-49311-A-3-B Date Collected: 1/25/2012 14:47:46
Analyst: DCL Data Type: Original

Replicate Data: 600-49311-A-3-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	0.0004	0.0050	0.0010	14:48:51	Yes
2	0.018	0.018	0.0005	0.0052	0.0010	14:49:32	Yes
Mean:	0.017	0.017	0.0005				
SD:	0.001	0.001	0.0000				
%RSD:	8.286	8.286	3.83				

Sequence No.: 27 Autosampler Location: 21
Sample ID: 600-49311-A-6-B Date Collected: 1/25/2012 14:49:34
Analyst: DCL Data Type: Original

Replicate Data: 600-49311-A-6-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.072	0.072	0.0012	0.0095	0.0017	14:50:39	Yes
2	0.073	0.073	0.0012	0.0097	0.0017	14:51:20	Yes
Mean:	0.072	0.072	0.0012				
SD:	0.001	0.001	0.0000				
%RSD:	1.153	1.153	0.91				

Sequence No.: 28 Autosampler Location: 22
Sample ID: LB 600-70273/1-E Date Collected: 1/25/2012 14:51:22
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70273/1-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.014	-0.014	0.0001	0.0037	0.0006	14:52:27	Yes
2	-0.016	-0.016	0.0000	0.0029	0.0006	14:53:09	Yes
Mean:	-0.015	-0.015	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	11.51	11.51	38.98				

Sequence No.: 29 Autosampler Location: 23
Sample ID: 600-48823-A-1-F Date Collected: 1/25/2012 14:53:11
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-F

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0030	0.0004	14:54:16	Yes
2	-0.022	-0.022	-0.0000	0.0031	0.0005	14:54:58	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.696	8.696	47.46				

Sequence No.: 30 Autosampler Location: 24
Sample ID: 600-48823-A-1-G MS Date Collected: 1/25/2012 14:55:00
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-G MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.931	2.931	0.0375	0.2043	0.0380	14:56:05	Yes
2	2.917	2.917	0.0373	0.2035	0.0378	14:56:46	Yes

Mean:	2.924	2.924	0.0374
SD:	0.010	0.010	0.0001
%RSD:	0.331	0.331	0.33

Sequence No.: 31 Autosampler Location: 25
Sample ID: 600-48823-A-1-H MSD Date Collected: 1/25/2012 14:56:49
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-H MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.939	2.939	0.0376	0.2050	0.0381	14:57:54	Yes
2	2.914	2.914	0.0372	0.2031	0.0378	14:58:36	Yes
Mean:	2.926	2.926	0.0374				
SD:	0.018	0.018	0.0002				
%RSD:	0.600	0.600	0.60				

Sequence No.: 32 Autosampler Location: 26
Sample ID: 600-48823-B-2-E Date Collected: 1/25/2012 14:58:37
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-B-2-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	-0.0002	0.0017	0.0003	14:59:44	Yes
2	-0.028	-0.028	-0.0001	0.0024	0.0004	15:00:26	Yes
Mean:	-0.031	-0.031	-0.0001				
SD:	0.004	0.004	0.0001				
%RSD:	13.80	13.80	38.23				

Sequence No.: 33 Autosampler Location: 27
Sample ID: 600-48823-B-2-F MS Date Collected: 1/25/2012 15:00:28
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-B-2-F MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.753	2.753	0.0352	0.1924	0.0357	15:01:33	Yes
2	2.753	2.753	0.0352	0.1919	0.0357	15:02:15	Yes
Mean:	2.753	2.753	0.0352				
SD:	0.000	0.000	0.0000				
%RSD:	0.007	0.007	0.01				

Sequence No.: 34 Autosampler Location: 28
Sample ID: LB 600-70563/1-F Date Collected: 1/25/2012 15:02:17
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70563/1-F

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0027	0.0005	15:03:22	Yes
2	-0.020	-0.020	-0.0000	0.0036	0.0005	15:04:04	Yes
Mean:	-0.022	-0.022	-0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	12.63	12.63	105.69				

Sequence No.: 35 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:04:06
Analyst: Data Type: Original

Replicate Data: CCV

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	3.030	3.030	0.0387	0.2090	0.0392	15:05:11	Yes
2	2.995	2.995	0.0383	0.2060	0.0388	15:05:54	Yes
Mean:	3.013	3.013	0.0385				
SD:	0.025	0.025	0.0003				
%RSD:	0.841	0.841	0.84				

QC value within limits for Hg 253.7 Recovery = 100.42%
All analyte(s) passed QC.

Sequence No.: 36 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 1/25/2012 15:06:40**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	-0.0001	0.0028	0.0004	15:07:46	Yes
2	-0.023	-0.023	-0.0000	0.0031	0.0005	15:08:28	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.198	7.198	36.88				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 37 **Autosampler Location: 29**
Sample ID: 600-49076-C-6-K **Date Collected: 1/25/2012 15:08:29**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49076-C-6-K

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014	0.014	0.0004	0.0051	0.0009	15:09:35	Yes
2	0.013	0.013	0.0004	0.0049	0.0009	15:10:17	Yes
Mean:	0.014	0.014	0.0004				
SD:	0.001	0.001	0.0000				
%RSD:	6.917	6.917	2.86				

Sequence No.: 38 **Autosampler Location: 30**
Sample ID: 600-49055-A-1-G **Date Collected: 1/25/2012 15:10:19**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49055-A-1-G

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	-0.0000	0.0025	0.0005	15:11:24	Yes
2	-0.022	-0.022	-0.0000	0.0028	0.0005	15:12:06	Yes
Mean:	-0.021	-0.021	-0.0000				
SD:	0.000	0.000	0.0000				
%RSD:	1.828	1.828	22.27				

Sequence No.: 39 **Autosampler Location: 31**
Sample ID: 600-49055-A-1-H MS **Date Collected: 1/25/2012 15:12:07**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49055-A-1-H MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.154	3.154	0.0403	0.2125	0.0408	15:13:13	Yes
2	3.141	3.141	0.0401	0.2112	0.0406	15:13:55	Yes
Mean:	3.148	3.148	0.0402				
SD:	0.009	0.009	0.0001				
%RSD:	0.296	0.296	0.29				

Sequence No.: 40 Autosampler Location: 32
Sample ID: 600-49140-A-1-E Date Collected: 1/25/2012 15:14:42
Analyst: DCL Data Type: Original

Replicate Data: 600-49140-A-1-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0022	0.0004	15:15:49	Yes
2	-0.031	-0.031	-0.0001	0.0018	0.0004	15:16:30	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.204	6.204	18.55				

Sequence No.: 41 Autosampler Location: 33
Sample ID: 600-49140-A-1-F MS Date Collected: 1/25/2012 15:16:32
Analyst: DCL Data Type: Original

Replicate Data: 600-49140-A-1-F MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.051	2.051	0.0263	0.1533	0.0268	15:17:37	Yes
2	2.057	2.057	0.0264	0.1546	0.0269	15:18:18	Yes
Mean:	2.054	2.054	0.0263				
SD:	0.004	0.004	0.0001				
%RSD:	0.206	0.206	0.20				

Sequence No.: 42 Autosampler Location: 34
Sample ID: LB 600-70806/1-C Date Collected: 1/25/2012 15:18:20
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70806/1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	-0.0001	0.0025	0.0004	15:19:25	Yes
2	-0.024	-0.024	-0.0001	0.0025	0.0005	15:20:07	Yes
Mean:	-0.025	-0.025	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.248	6.248	30.46				

Sequence No.: 43 Autosampler Location: 35
Sample ID: 600-49145-A-4-E Date Collected: 1/25/2012 15:20:09
Analyst: DCL Data Type: Original

Replicate Data: 600-49145-A-4-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0025	0.0005	15:21:14	Yes
2	-0.030	-0.030	-0.0001	0.0019	0.0004	15:21:56	Yes
Mean:	-0.027	-0.027	-0.0001				
SD:	0.004	0.004	0.0001				
%RSD:	14.88	14.88	54.21				

Sequence No.: 44 Autosampler Location: 36
Sample ID: 600-49143-B-9-C Date Collected: 1/25/2012 15:21:57
Analyst: DCL Data Type: Original

Replicate Data: 600-49143-B-9-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.023	0.023	0.0005	0.0053	0.0010	15:23:03	Yes
2	0.021	0.021	0.0005	0.0050	0.0010	15:23:44	Yes
Mean:	0.022	0.022	0.0005				
SD:	0.001	0.001	0.0000				

%RSD: 6.103 6.103 3.21

Sequence No.: 45 Autosampler Location: 37
Sample ID: 600-49245-C-1-C Date Collected: 1/25/2012 15:23:46
Analyst: DCL Data Type: Original

Replicate Data: 600-49245-C-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0025	0.0004	15:24:52	Yes
2	-0.025	-0.025	-0.0001	0.0024	0.0004	15:25:34	Yes
Mean:	-0.025	-0.025	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.544	0.544	2.55				

Sequence No.: 46 Autosampler Location: 38
Sample ID: 600-49265-A-1-D Date Collected: 1/25/2012 15:25:35
Analyst: DCL Data Type: Original

Replicate Data: 600-49265-A-1-D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	-0.0001	0.0019	0.0004	15:26:42	Yes
2	-0.028	-0.028	-0.0001	0.0023	0.0004	15:27:24	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.121	7.121	21.23				

Sequence No.: 47 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:27:26
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.997	2.997	0.0383	0.2043	0.0388	15:28:32	Yes
2	2.996	2.996	0.0383	0.2046	0.0388	15:29:14	Yes
Mean:	2.997	2.997	0.0383				
SD:	0.000	0.000	0.0000				
%RSD:	0.007	0.007	0.01				

QC value within limits for Hg 253.7 Recovery = 99.89%
All analyte(s) passed QC.

Sequence No.: 48 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 15:29:16
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0020	0.0004	15:30:21	Yes
2	-0.028	-0.028	-0.0001	0.0020	0.0004	15:31:03	Yes
Mean:	-0.028	-0.028	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.073	0.073	0.24				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 49 Autosampler Location: 39
Sample ID: 600-49265-A-1-E MS Date Collected: 1/25/2012 15:31:04
Analyst: DCL Data Type: Original

Replicate Data: 600-49265-A-1-E MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.992	2.992	0.0382	0.2057	0.0388	15:32:11	Yes
2	2.983	2.983	0.0381	0.2049	0.0386	15:32:53	Yes
Mean:	2.987	2.987	0.0382				
SD:	0.007	0.007	0.0001				
%RSD:	0.223	0.223	0.22				

Sequence No.: 50 Autosampler Location: 40
Sample ID: 600-49143-A-8-C Date Collected: 1/25/2012 15:32:55
Analyst: DCL Data Type: Original

Replicate Data: 600-49143-A-8-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	0.0000	0.0028	0.0006	15:34:00	Yes
2	-0.019	-0.019	0.0000	0.0023	0.0005	15:34:42	Yes
Mean:	-0.018	-0.018	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	13.63	13.63	128.22				

Sequence No.: 51 Autosampler Location: 41
Sample ID: 600-49263-B-1-C Date Collected: 1/25/2012 15:34:43
Analyst: DCL Data Type: Original

Replicate Data: 600-49263-B-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.020	-0.020	-0.0000	0.0027	0.0005	15:35:48	Yes
2	-0.018	-0.018	0.0000	0.0022	0.0005	15:36:30	Yes
Mean:	-0.019	-0.019	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	7.865	7.865	200.12				

Sequence No.: 52 Autosampler Location: 42
Sample ID: LB 600-70807/1-C Date Collected: 1/25/2012 15:36:31
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70807/1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	0.0000	0.0021	0.0005	15:37:37	Yes
2	-0.018	-0.018	0.0000	0.0027	0.0005	15:38:18	Yes
Mean:	-0.019	-0.019	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	3.875	3.875	120.04				

Sequence No.: 53 Autosampler Location: 43
Sample ID: 600-49279-A-1-C Date Collected: 1/25/2012 15:38:20
Analyst: DCL Data Type: Original

Replicate Data: 600-49279-A-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.023	-0.023	-0.0000	0.0018	0.0005	15:39:25	Yes
2	-0.024	-0.024	-0.0001	0.0025	0.0005	15:40:06	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.003	3.003	17.76				

Sequence No.: 54 Autosampler Location: 44
Sample ID: 600-49279-A-1-D MS Date Collected: 1/25/2012 15:40:08

Analyst: DCL Data Type: Original

Replicate Data: 600-49279-A-1-D MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.859	2.859	0.0366	0.1961	0.0371	15:41:14	Yes
2	2.833	2.833	0.0362	0.1946	0.0367	15:41:56	Yes
Mean:	2.846	2.846	0.0364				
SD:	0.019	0.019	0.0002				
%RSD:	0.654	0.654	0.65				

Sequence No.: 55 Autosampler Location: 45
Sample ID: 600-49279-A-1-E MSD Date Collected: 1/25/2012 15:41:57
Analyst: DCL Data Type: Original

Replicate Data: 600-49279-A-1-E MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.825	2.825	0.0361	0.1952	0.0366	15:43:02	Yes
2	2.811	2.811	0.0359	0.1946	0.0365	15:43:45	Yes
Mean:	2.818	2.818	0.0360				
SD:	0.010	0.010	0.0001				
%RSD:	0.337	0.337	0.34				

Sequence No.: 56 Autosampler Location: 46
Sample ID: 600-49248-G-1-BSD@5 Date Collected: 1/25/2012 15:43:46
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-BSD@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0025	0.0004	15:44:52	Yes
2	-0.026	-0.026	-0.0001	0.0023	0.0004	15:45:34	Yes
Mean:	-0.026	-0.026	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.001	3.001	12.84				

Sequence No.: 57 Autosampler Location: 47
Sample ID: 600-48823-A-1-FSD@5 Date Collected: 1/25/2012 15:45:36
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-FSD@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	-0.0002	0.0015	0.0003	15:46:41	Yes
2	-0.026	-0.026	-0.0001	0.0028	0.0004	15:47:23	Yes
Mean:	-0.030	-0.030	-0.0001				
SD:	0.006	0.006	0.0001				
%RSD:	19.00	19.00	53.52				

Sequence No.: 58 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:47:24
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.952	2.952	0.0377	0.2029	0.0382	15:48:31	Yes
2	2.945	2.945	0.0376	0.2030	0.0381	15:49:12	Yes
Mean:	2.948	2.948	0.0377				
SD:	0.005	0.005	0.0001				
%RSD:	0.182	0.182	0.18				

QC value within limits for Hg 253.7 Recovery = 98.28%

All analyte(s) passed QC.

Sequence No.: 59
Sample ID: CCB
Analyst:

Autosampler Location: 2
Date Collected: 1/25/2012 15:49:14
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0027	0.0005	15:50:20	Yes
2	-0.024	-0.024	-0.0001	0.0021	0.0005	15:51:02	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.867	0.867	4.89				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analysis Begun

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 70863
Results Data Set: FW012512
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1 Autosampler Location: 48
Sample ID: 600-49140-a-1-ePDS Date Collected: 1/25/2012 15:52:18
Analyst: DCL Data Type: Original

Replicate Data: 600-49140-a-1-ePDS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.957	2.957	0.0378	0.2192	0.0383	15:53:24	Yes
2	2.964	2.964	0.0379	0.2201	0.0384	15:54:06	Yes
Mean:	2.961	2.961	0.0378				
SD:	0.005	0.005	0.0001				
%RSD:	0.157	0.157	0.16				

Sequence No.: 2 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:54:08
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.995	2.995	0.0383	0.2069	0.0388	15:55:14	Yes
2	2.977	2.977	0.0381	0.2049	0.0386	15:55:56	Yes
Mean:	2.986	2.986	0.0382				
SD:	0.012	0.012	0.0002				
%RSD:	0.418	0.418	0.42				

QC value within limits for Hg 253.7 Recovery = 99.54%
All analyte(s) passed QC.

Sequence No.: 3 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 15:55:58
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0000	0.0023	0.0005	15:57:03	Yes
2	-0.024	-0.024	-0.0001	0.0028	0.0005	15:57:45	Yes
Mean:	-0.023	-0.023	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	6.031	6.031	36.35				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MER0112HS_00004	MER0112KM_00006	MER0112PP_00001	MER0112S1_00015
0.2				50 mL	50 mL	3 mL	6 mL	3.2 mL	0.10 mL
0.5				50 mL	50 mL	3 mL	6 mL	3.2 mL	0.25 mL
1.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	0.50 mL
2.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	1.0 mL
5.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	2.5 mL
10.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	5.0 mL
MB~600-70863/7				40 mL	40 mL	3 mL	6 mL	3.2 mL	
LCS~600-70863/8				50 mL	50 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1	MW-1	7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1~DU		7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1~MS		7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1~MS		7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49299-D-1	CTW-Out	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49299-D-2	CTW-In	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49299-C-3	RW-In	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49305-A-1	South Outfall	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49305-A-2	North Outfall	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49311-A-3	101.012212	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49311-A-6	101.012312	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
LB~600-70273/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-A-1-A~MSD		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-B-2-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-B-2-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	MER0112S2_00015	MERSUL_00023	METHNO3_00025
0.2					2 mL	1 mL
0.5					2 mL	1 mL
1.0					2 mL	1 mL
2.0					2 mL	1 mL
5.0					2 mL	1 mL
10.0					2 mL	1 mL
MB~600-70863/7					2 mL	1 mL
LCS~600-70863/8				1.5 mL	2 mL	1 mL
600-49248-G-1	MW-1	7470A_Prep, 7470A	T		2 mL	1 mL
600-49248-G-1~DU		7470A_Prep, 7470A	T		2 mL	1 mL
600-49248-G-1~MS		7470A_Prep, 7470A	T	1.2 mL	2 mL	1 mL
600-49248-G-1~MS		7470A_Prep, 7470A	T	1.2 mL	2 mL	1 mL
600-49299-D-1	CTW-Out	245.1_Prep, 245.1	T		2 mL	1 mL
600-49299-D-2	CTW-In	245.1_Prep, 245.1	T		2 mL	1 mL
600-49299-C-3	RW-In	245.1_Prep, 245.1	T		2 mL	1 mL
600-49305-A-1	South Outfall	245.1_Prep, 245.1	T		2 mL	1 mL
600-49305-A-2	North Outfall	245.1_Prep, 245.1	T		2 mL	1 mL
600-49311-A-3	101.012212	245.1_Prep, 245.1	T		2 mL	1 mL
600-49311-A-6	101.012312	245.1_Prep, 245.1	T		2 mL	1 mL
LB~600-70273/1-A					2 mL	1 mL
600-48823-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-48823-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-48823-A-1-A~MSD		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-48823-B-2-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-48823-B-2-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL

A12-1280

03/02/2012

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MER0112HS_00004	MER0112KM_00006	MER0112PP_00001	MER0112S1_00015
LB~600-70563/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49076-C-6-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49055-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49055-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49140-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49140-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
LB~600-70806/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49145-A-4-B		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-B-9-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49245-C-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49265-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49265-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-A-8-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49263-B-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
LB~600-70807/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49279-A-1-A		7470A_Prep_L, 7470A	P	100 uL	50 mL	3 mL	6 mL	3.2 mL	
600-49279-A-1-A~MS		7470A_Prep_L, 7470A	P	100 uL	50 mL	3 mL	6 mL	3.2 mL	
600-49279-A-1-A~MSD		7470A_Prep_L, 7470A	P	100 uL	50 mL	3 mL	6 mL	3.2 mL	
CCV~600-70863/44				50 mL	50 mL	3 mL	6 mL	3.2 mL	
CCB~600-70863/45				40 mL	40 mL	3 mL	6 mL	3.2 mL	

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	MER0112S2_00015	MERSUL_00023	METHNO3_00025
LB~600-70563/1-A					2 mL	1 mL
600-49076-C-6-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49055-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49055-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-49140-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49140-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
LB~600-70806/1-A					2 mL	1 mL
600-49145-A-4-B		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49143-B-9-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49245-C-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49265-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49265-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-49143-A-8-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49263-B-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
LB~600-70807/1-A					2 mL	1 mL
600-49279-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49279-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-49279-A-1-A~MSD		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
CCV~600-70863/44				1.5 mL	2 mL	1 mL
CCB~600-70863/45					2 mL	1 mL

Hood ID or number: M-4
Hot Block ID number: #3
ID number of the thermometer: #515
Temperature: 94.8 Degrees C. Degrees C
Pipette ID: MPH, MPI, M8

Page 696 of 970

1/30/2012

A12-1282

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70604 Batch Start Date: 01/23/12 05:50 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
MB 600-70604/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-70604/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-49143-C-9	IDW 2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49143-A-10	Equipment Blank 8	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-70604/1		3010A, 6010B							
LCS 600-70604/2		3010A, 6010B		250 uL					
600-49143-C-9	IDW 2	3010A, 6010B	T						
600-49143-A-10	Equipment Blank 8	3010A, 6010B	T						

A12-1283

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#1
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#517

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70806 Batch Start Date: 01/24/12 18:13 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE1 00230					
LB 600-70806/1		1311, 3010A, 6010B		2000 mL					
600-49143-B-9	IDW 2	1311, 3010A, 6010B	P	130 mL					
600-49143-A-8	IDW 1	1311, 3010A, 6010B	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

A12-1284

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70836 Batch Start Date: 01/25/12 10:25 Batch Analyst: Patel, Silen R

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-70836/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-70836/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-70806/1-A		3010A, 6010B		5 mL	50 mL	2.5 mL	2.5 mL		
600-49143-B-9-A	IDW 2	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		
600-49143-A-8-A	IDW 1	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		

Batch Notes	
Hood ID or number	m5
Hot Block ID number	hb04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
P	TCLP

A12-1285

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71001 Batch Start Date: 01/26/12 15:05 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00036	METHNO3 00025	METSLCSS 00016
MB 600-71001/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-71001/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-49143-B-1	2012-FWCS-7	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-B-1 DU	2012-FWCS-7	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-1 MS	2012-FWCS-7	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-1 MSD	2012-FWCS-7	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-2	2012-FWCS-6	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-3	2012-FWCS-5	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-4	2012-FWCS-4	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-5	2012-FWCS-3	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-6	2012-FWCS-2	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-B-8	IDW 1	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-71001/1		3050B, 6010B							
LCS 600-71001/2		3050B, 6010B							
600-49143-B-1	2012-FWCS-7	3050B, 6010B	T						
600-49143-B-1 DU	2012-FWCS-7	3050B, 6010B	T						
600-49143-A-1 MS	2012-FWCS-7	3050B, 6010B	T	250 uL	250 uL				
600-49143-A-1 MSD	2012-FWCS-7	3050B, 6010B	T	250 uL	250 uL				
600-49143-A-2	2012-FWCS-6	3050B, 6010B	T						
600-49143-A-3	2012-FWCS-5	3050B, 6010B	T						
600-49143-A-4	2012-FWCS-4	3050B, 6010B	T						
600-49143-A-5	2012-FWCS-3	3050B, 6010B	T						
600-49143-A-6	2012-FWCS-2	3050B, 6010B	T						
600-49143-B-8	IDW 1	3050B, 6010B	T						

A12-1286

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71001 Batch Start Date: 01/26/12 15:05 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

A12-1287

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70806 Batch Start Date: 01/24/12 18:13 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE1 00230					
LB 600-70806/1		1311, 7470A, 7470A		2000 mL					
600-49143-B-9	IDW 2	1311, 7470A, 7470A	P	130 mL					
600-49143-A-8	IDW 1	1311, 7470A, 7470A	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

A12-1288

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70863 Batch Start Date: 01/25/12 11:15 Batch Analyst: Lige, Derrick C

Batch Method: 7470A Batch End Date: 01/25/12 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MER0112HS 00004	MER0112KM 00006	MER0112PP 00001	MER0112S2 00015
MB 600-70863/7		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
LCS 600-70863/8		7470A, 7470A		50 mL	50 mL	3 mL	6 mL	3.2 mL	1.5 mL
LB 600-70806/1-A		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-B-9-A	IDW 2	7470A, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-A-8-A	IDW 1	7470A, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MERSUL 00023	METHNO3 00025				
MB 600-70863/7		7470A, 7470A		2 mL	1 mL				
LCS 600-70863/8		7470A, 7470A		2 mL	1 mL				
LB 600-70806/1-A		7470A, 7470A		2 mL	1 mL				
600-49143-B-9-A	IDW 2	7470A, 7470A	P	2 mL	1 mL				
600-49143-A-8-A	IDW 1	7470A, 7470A	P	2 mL	1 mL				

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH, MPI, M8
Temperature	94.8 Degrees C. Degrees C
ID number of the thermometer	#515

Basis	Basis Description
P	TCLP

A12-1289

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-FWCS-7	600-49143-1
2012-FWCS-6	600-49143-2
2012-FWCS-5	600-49143-3
2012-FWCS-4	600-49143-4
2012-FWCS-3	600-49143-5
2012-FWCS-2	600-49143-6
IDW 1	600-49143-8
IDW 2	600-49143-9

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 1 Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 15:39

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	85.5	250	85.5	ug/Kg	U		1	9012
	Sulfide, Reactive	14.0	50.0	14.0	mg/Kg	U		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 1 Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 15:39

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	7.60	0.0100		SU		HF	1	9045C
	Flashpoint	>212	1.00		Degrees F			1	D92

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	0.0397	0.250	0.0397	mg/L	U		1	9012
	Sulfide, Reactive	10.0	50.0	1.40	mg/L	J		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	8.10	0.0100		SU		H	1	9040B
	Flashpoint	>186	1.00		Degrees F			1	SW846 Ch. 7

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: BDG Batch Start Date: 01/31/2012

Reporting Units: ug/L Analytical Batch No.: 71273

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	12:18	Cyanide, Reactive	102.5					
9	ICB	12:19	Cyanide, Reactive	0.727				U	
20	CCV	12:27	Cyanide, Reactive	102.7					
21	CCB	12:28	Cyanide, Reactive	0.727				U	
24	CCV	12:30	Cyanide, Reactive	1590				U	
25	CCB	12:31	Cyanide, Reactive	1590				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: MB Batch Start Date: 01/31/2012

Reporting Units: SU Analytical Batch No.: 71295

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
4	CCV	16:29	pH	7.030	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: MB Batch Start Date: 01/30/2012

Reporting Units: SU Analytical Batch No.: 71179

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
25	CCV	11:00	pH	6.970	7.00	100	99-101		WETRPH7BUF_00015
38	CCV	11:00	pH	7.020	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: SUP Batch Start Date: 01/25/2012

Reporting Units: Degrees F Analytical Batch No.: 70933

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
10	CCV	13:00	Flashpoint	81.70	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: SUP Batch Start Date: 01/26/2012

Reporting Units: Degrees F Analytical Batch No.: 70973

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
4	CCV	10:30	Flashpoint	81.94	81.0	101	96.91-103.09		WETRPXYLEN_00005
8	CCV	10:30	Flashpoint	81.94	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 71278	Date: 01/31/2012 12:00	Prep Batch: 71253	Date: 01/30/2012 09:00				
7.4.4	MB 600-71253/1-A	Sulfide, Reactive	14.0	U	mg/Kg	50.0	1
Batch ID: 71273	Date: 01/31/2012 12:20	Prep Batch: 71253	Date: 01/30/2012 09:00				
9012	MB 600-71253/1-A	Cyanide, Reactive	85.5	U	ug/Kg	250	1
Batch ID: 70933	Date: 01/25/2012 13:00						
D92	MB 600-70933/1	Flashpoint	>186		Degrees F	1.00	1
Batch ID: 70973	Date: 01/26/2012 10:30						
SW846 Ch. 7	MB 600-70973/1	Flashpoint	>186		Degrees F	1.00	1

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 71295	Date: 01/31/2012 15:45							
9040B	IDW 2	600-49143-9	pH	8.10	SU			
9040B	IDW 2	600-49143-9 DU	pH	8.100	SU	0	1	
Batch ID: 70973	Date: 01/26/2012 10:30							
SW846 Ch. 7	IDW 2	600-49143-9	Flashpoint	>186	Degrees F			
SW846 Ch. 7	IDW 2	600-49143-9 DU	Flashpoint	>186	Degrees F	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 71278	Date: 01/31/2012 12:00		Prep Batch: 71253		Date: 01/30/2012 09:00						
					LCS Source: SULFTSLCS_00462						
7.4.4	LCS 600-71253/2-A	Sulfide, Reactive	1120		mg/Kg	1610	70	0-100			
Batch ID: 71273	Date: 01/31/2012 12:21		Prep Batch: 71253		Date: 01/30/2012 09:00						
					LCS Source: WETRCYANID_00014						
9012	LCS 600-71253/2-A	Cyanide, Reactive	72260		ug/Kg	1000000	7	0-100			
Batch ID: 71179	Date: 01/30/2012 11:00										
					LCS Source: WETRPH7BUF_00015						
9045C	LCS 600-71179/26	pH	6.980		SU	7.00	100	99-101			
Batch ID: 70933	Date: 01/25/2012 13:00										
					LCS Source: WETRPXYLEN_00005						
D92	LCS 600-70933/2	Flashpoint	81.70		Degrees F	81.0	101	96.91-103.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 71295		Date: 01/31/2012 15:45									
						LCS Source:		WETRPH7BUF_00015			
9040B	LCS 600-71295/1	pH	7.040		SU	7.00	101	99-101			
Batch ID: 70973		Date: 01/26/2012 10:30									
						LCS Source:		WETRPXYLEN_00005			
SW846 Ch. 7	LCS 600-70973/2	Flashpoint	81.94		Degrees F	81.0	101	96.91-103.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: WC05

Method: 9012 MDL Date: 04/01/2011 13:51

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/Kg)	MDL (ug/Kg)
Cyanide, Reactive		250	85.52

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: WC05

Method: 9012 XMDL Date: 06/15/2008 15:59

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Cyanide, Reactive		10	0.72665

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: WC05

Method: 9012 XMDL Date: 04/01/2011 13:46

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Cyanide, Reactive		10	1.589

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: WC05

Method: 9012 MDL Date: 04/01/2011 13:46

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Cyanide, Reactive		250	39.725

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 18:02

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		50	13.99

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 18:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		5	1.399

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 17:51

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfide, Reactive		50	1.399

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 17:57

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		50	1.399

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B RL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B XRL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C RL Date: 07/03/2008 14:00

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C XRL Date: 07/03/2008 14:02

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 XRL Date: 06/09/2008 16:44

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 XRL Date: 06/09/2008 16:47

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

FORM IX - IN

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-71253/1-A	01/30/2012 09:00	71253	10		250
LCS 600-71253/2-A	01/30/2012 09:00	71253	10		250
600-49143-8	01/30/2012 09:00	71253	10		250
600-49143-9	01/30/2012 09:00	71253	10		250

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-71253/1-A	01/30/2012 09:00	71253	10		250
LCS 600-71253/2-A	01/30/2012 09:00	71253	10		250
600-49143-8	01/30/2012 09:00	71253	10		250
600-49143-9	01/30/2012 09:00	71253	10		250

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: WC05 Method: 9012

Start Date: 01/31/2012 12:12 End Date: 01/31/2012 12:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				CNReac																				
ZZZZZZ			12:12																					
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
ZZZZZZ			12:14																					
ZZZZZZ			12:15																					
ZZZZZZ			12:15																					
ZZZZZZ			12:16																					
ICV 600-71273/8	1		12:18	X																				
ICB 600-71273/9	1		12:19	X																				
MB 600-71253/1-A	1	T	12:20	X																				
LCS 600-71253/2-A	20	T	12:21	X																				
ZZZZZZ			12:21																					
600-49143-8	1	T	12:22	X																				
ZZZZZZ			12:23																					
ZZZZZZ			12:24																					
ZZZZZZ			12:24																					
ZZZZZZ			12:25																					
ZZZZZZ			12:26																					
ZZZZZZ			12:26																					
CCV 600-71273/20	1		12:27	X																				
CCB 600-71273/21	1		12:28	X																				
600-49143-9	1	T	12:28	X																				
ZZZZZZ			12:29																					
CCV 600-71273/24	1		12:30	X																				
CCB 600-71273/25	1		12:31	X																				
ZZZZZZ			12:31																					
ZZZZZZ			12:32																					
ZZZZZZ			12:33																					
ZZZZZZ			12:33																					
ZZZZZZ			12:34																					
ZZZZZZ			12:35																					
ZZZZZZ			12:36																					
ZZZZZZ			12:36																					
ZZZZZZ			12:37																					
ZZZZZZ			12:38																					
ZZZZZZ			12:39																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 01/31/2012 12:00 End Date: 01/31/2012 12:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				S2Reac																			
MB 600-71253/1-A	1	T	12:00	X																			
LCS 600-71253/2-A	1	T	12:00	X																			
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
600-49143-8	1	T	12:00	X																			
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
600-49143-9	1	T	12:00	X																			
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
ZZZZZZ			12:00																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 01/31/2012 12:00 End Date: 01/31/2012 12:00

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 9040B

Start Date: 01/31/2012 15:45 End Date: 01/31/2012 16:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
LCS 600-71295/1	1	T	15:45	X																			
600-49143-9	1	T	15:45	X																			
600-49143-9 DU	1	T	15:45	X																			
CCV 600-71295/4	1		16:29	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 01/30/2012 11:00 End Date: 01/30/2012 11:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
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ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
CCV 600-71179/13			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
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ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
CCV 600-71179/25	1		11:00	X																			
LCS 600-71179/26	1	T	11:00	X																			
ZZZZZZ			11:00																				
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ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
600-49143-8	1	T	11:00	X																			
CCV 600-71179/38	1		11:00	X																			
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 01/30/2012 11:00 End Date: 01/30/2012 11:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
CCV 600-71179/48			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: D92

Start Date: 01/25/2012 13:00 End Date: 01/25/2012 13:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				FP																			
MB 600-70933/1	1	T	13:00	X																			
LCS 600-70933/2	1	T	13:00	X																			
ZZZZZZ			13:00																				
ZZZZZZ			13:00																				
ZZZZZZ			13:00																				
600-49143-8	1	T	13:00	X																			
ZZZZZZ			13:00																				
ZZZZZZ			13:00																				
ZZZZZZ			13:00																				
CCV 600-70933/10	1		13:00	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/23/2012 17:19 End Date: 01/23/2012 17:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
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ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
600-49143-1	1	T	17:19	X	X																			
600-49143-1 MS	1	T	17:19	X	X																			
600-49143-1 MSD	1	T	17:19	X	X																			
600-49143-2	1	T	17:19	X	X																			
600-49143-3	1	T	17:19	X	X																			
600-49143-4	1	T	17:19	X	X																			
600-49143-5	1	T	17:19	X	X																			
600-49143-6	1	T	17:19	X	X																			
600-49143-8	1	T	17:19	X	X																			
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
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ZZZZZZ			17:19																					
ZZZZZZ			17:19																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: SW846 Ch. 7

Start Date: 01/26/2012 10:30 End Date: 01/26/2012 10:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				FP																			
MB 600-70973/1	1	T	10:30	X																			
LCS 600-70973/2	1	T	10:30	X																			
ZZZZZZ			10:30																				
CCV 600-70973/4	1		10:30	X																			
600-49143-9	1	T	10:30	X																			
600-49143-9 DU	1	T	10:30	X																			
ZZZZZZ			10:30																				
CCV 600-70973/8	1		10:30	X																			
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
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ZZZZZZ			10:30																				
ZZZZZZ			10:30																				
ZZZZZZ			10:30																				

Prep Types
T = Total/NA

71273-9QL.RCN

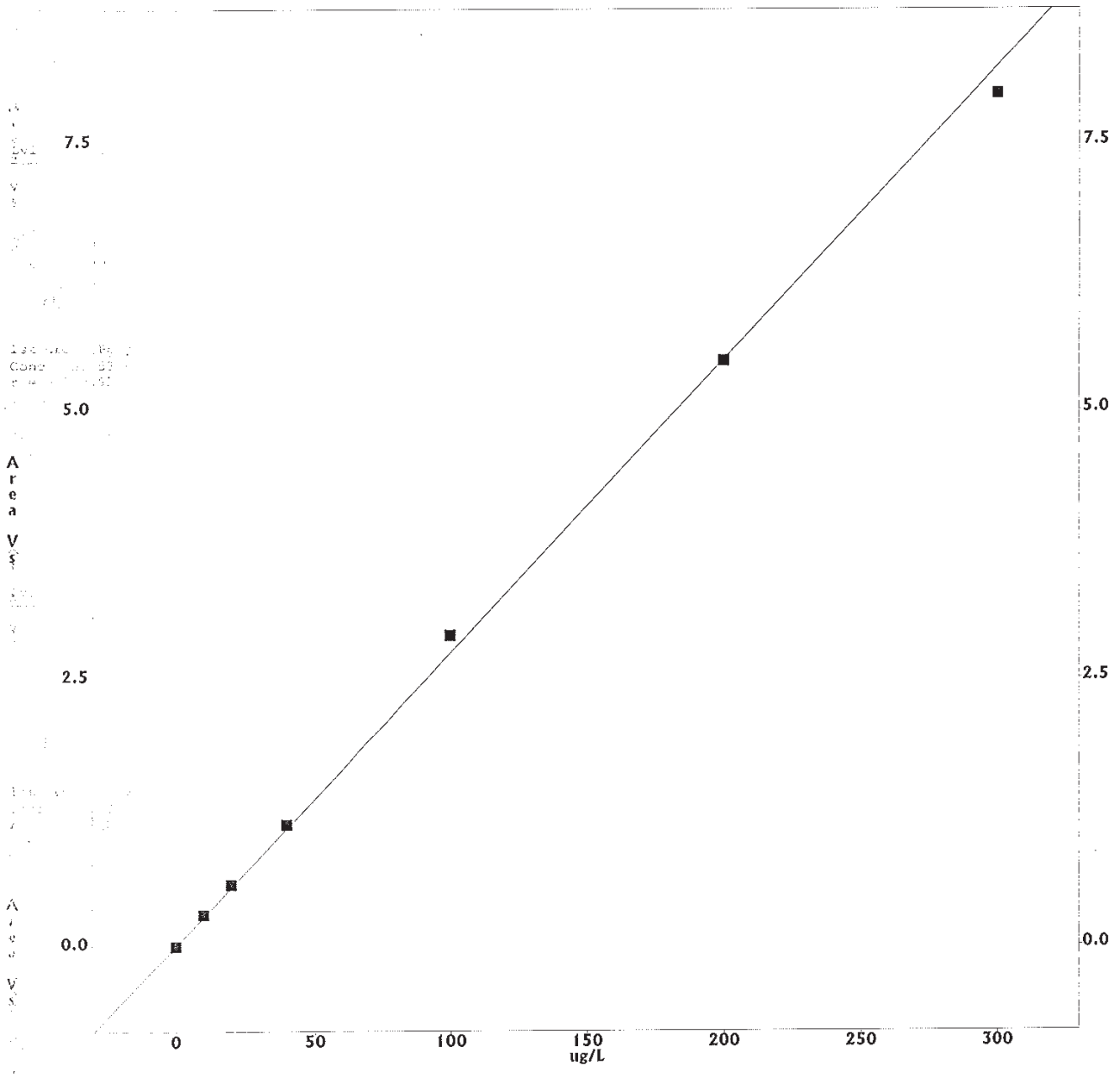
cyanide

Lvl	Area	ug/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	7955456	300	7955456					0.0	0.0	3.1
2	5464128	200	5464128					0.0	0.0	0.2
3	2904704	100	2904704					0.0	0.0	-6.1
4	1137677	40	1137677					0.0	0.0	-3.9
5	579251	20	579251					0.0	0.0	-5.8
6	297370	10	297370					0.0	0.0	-8.6
7	0	0	0					0.0	0.0	

1st Order Poly
Conc = 3.653e-005 Area - 7.156e-006
r = 0.9992

1/31/12

Scaling: None - Weighting: 1/X



Printed: Friday, February 10, 2012 - 10:17 AM

OPERATOR: bgrimm
ACQ. TIME: Jan 31, 2012 12:12:20
DATA FILENAME: C:\OMNION\DATA\CYANIDE\013112CA.FDT
METHOD FILENAME: C:\OMNION\METHODS\CYANIDE\CYANIDE.MET
TRAY FILENAME:

METHOD: EPA 335.3/FIA #1

Method - Ch. 1 (cyanide)

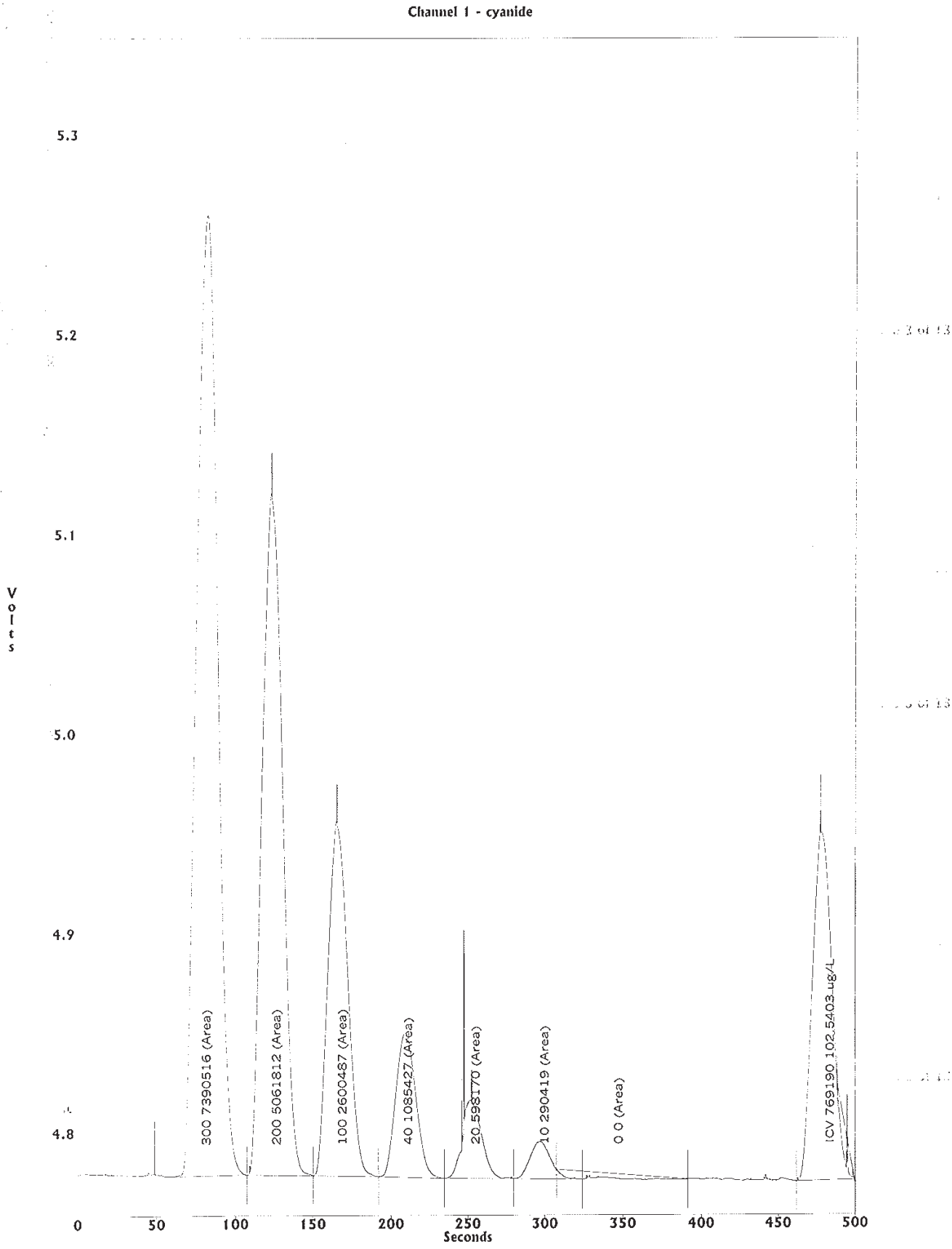
METHOD DESCRIPTION:
Created: Oct 7, 2003 14:14:00
Modified: Feb 8, 2012 15:18:45
cyanide

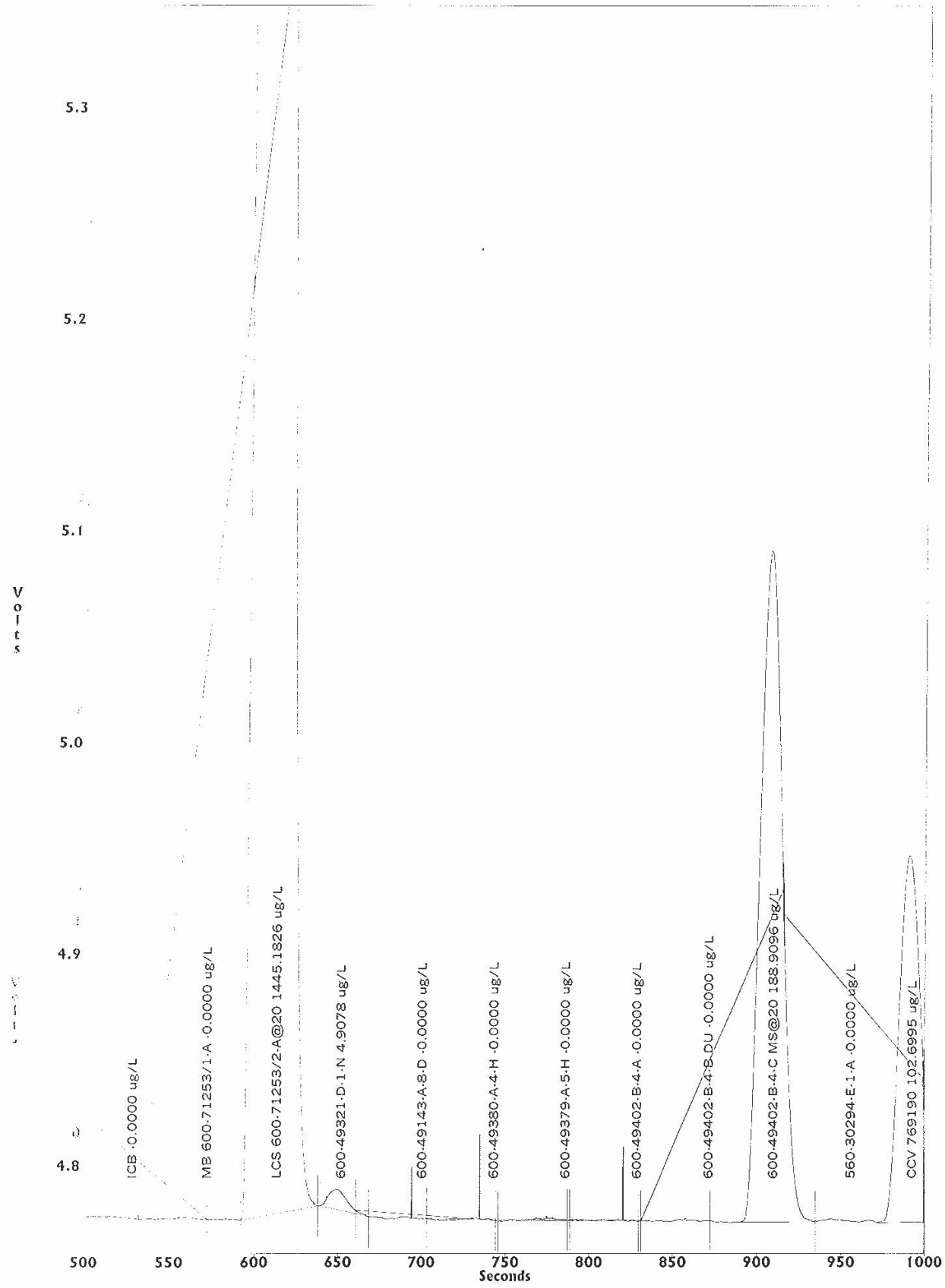
ANALYTE DATA:
Analyte Name: cyanide
Concentration Units: ug/L
Chemistry: Direct
Inject to Peak Start (s): 25.0
Peak Base Width (s): 42.000
% Width Tolerance: 50.000
Threshold: 5000.000
Autodilution Trigger: Off
QuikChem Method:

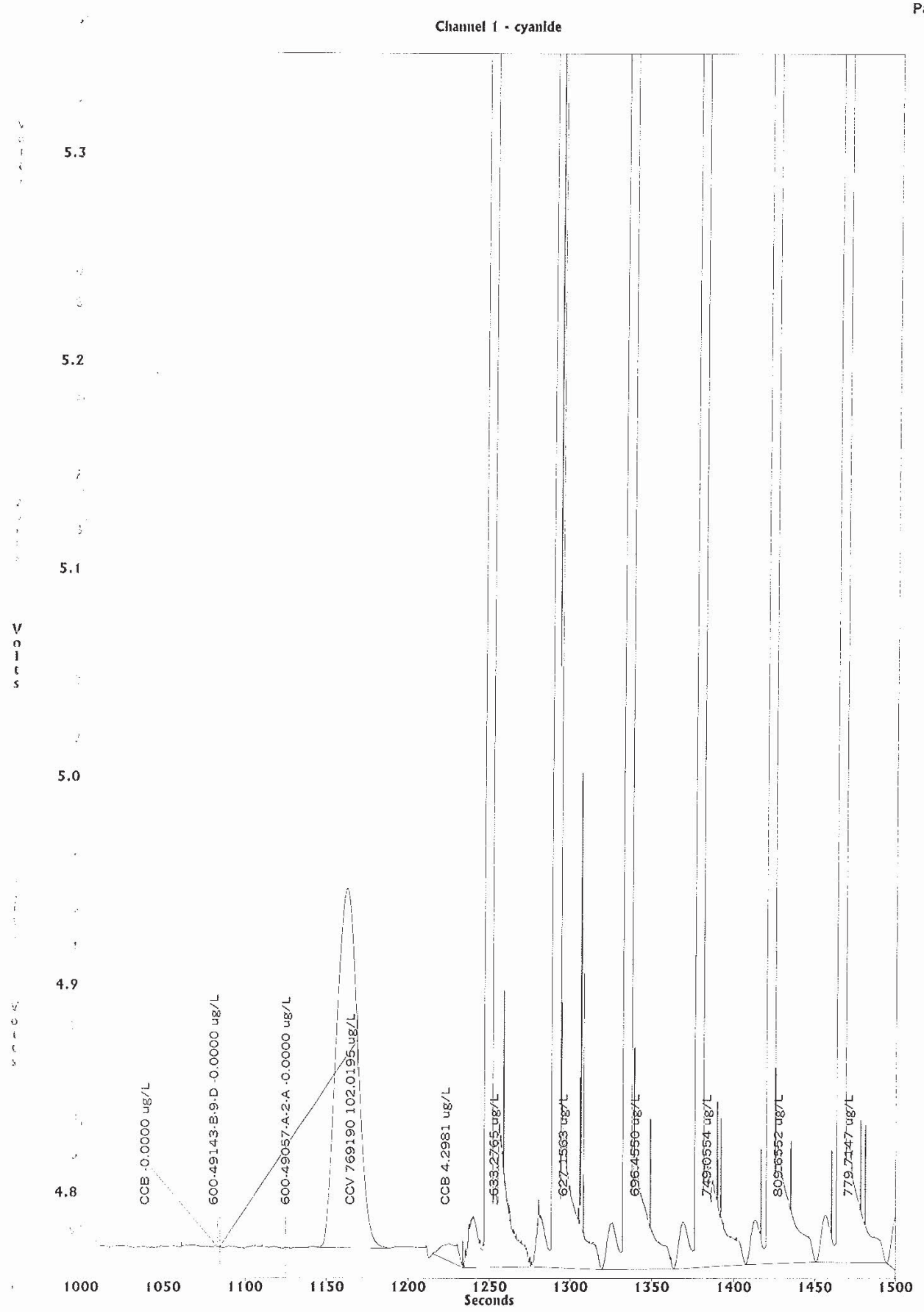
CALIBRATION DATA:
Levels:
1 : 300.000 2 : 200.000 3 : 100.000 4 : 40.000
5 : 20.000 6 : 10.000 7 : 0.000
Calibration Rep Handling: Replace
Calibration Fit Type: 1st Order Poly
Force Though Zero: No
Weighting Method: 1/X
Concentration Scaling: None

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 1 -- Cup Range: 1 to 50

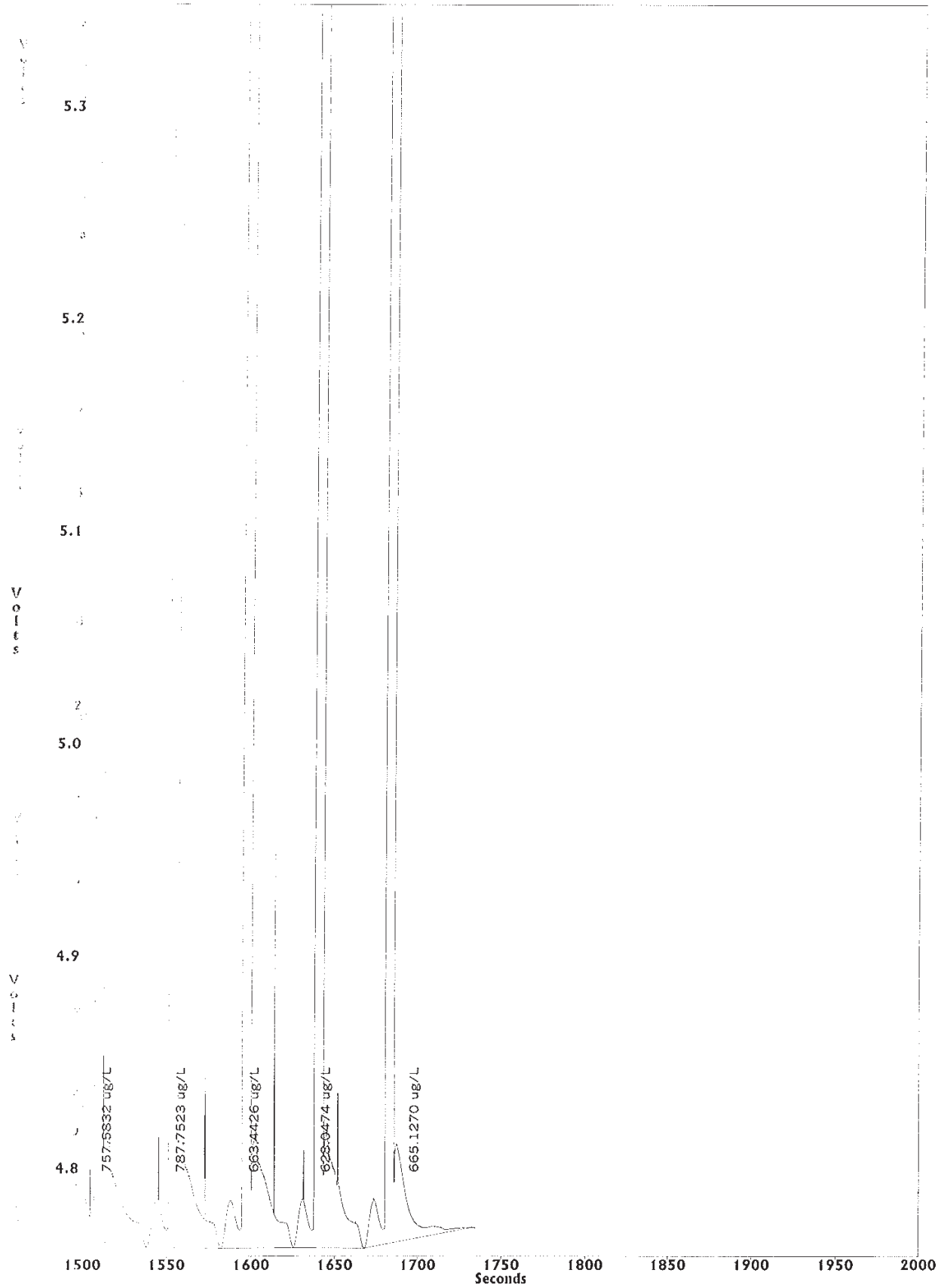
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (ug/L)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV 769190	31 Jan 2012	12:18:59	1	102.54029	1.0	1.00	1.00000	
2	ICB	31 Jan 2012	12:19:43	1	-0.00001	1.0	1.00	1.00000	
3	MB 600-71253/1-A	31 Jan 2012	12:20:26	1	-0.00001	1.0	1.00	1.00000	
4	LCS 600-71253/2-A@20	31 Jan 2012	12:21:09	1	1445.18262	1.0	1.00	1.00000	
5	600-49321-D-1-N	31 Jan 2012	12:21:52	1	4.90779	1.0	1.00	1.00000	
6	600-49143-A-8-D	31 Jan 2012	12:22:35	1	-0.00001	1.0	1.00	1.00000	
7	600-49380-A-4-H	31 Jan 2012	12:23:17	1	-0.00001	1.0	1.00	1.00000	
8	600-49379-A-5-H	31 Jan 2012	12:24:00	1	-0.00001	1.0	1.00	1.00000	
9	600-49402-B-4-A	31 Jan 2012	12:24:43	1	-0.00001	1.0	1.00	1.00000	
10	600-49402-B-4-B DU	31 Jan 2012	12:25:25	1	-0.00001	1.0	1.00	1.00000	
11	600-49402-B-4-C MS@20	31 Jan 2012	12:26:08	1	188.90961	1.0	1.00	1.00000	
12	560-30294-E-1-A	31 Jan 2012	12:26:50	1	-0.00001	1.0	1.00	1.00000	
13	CCV 769190	31 Jan 2012	12:27:31	1	102.69946	1.0	1.00	1.00000	
14	CCB	31 Jan 2012	12:28:13	1	-0.00001	1.0	1.00	1.00000	
15	600-49143-B-9-D	31 Jan 2012	12:28:55	1	-0.00001	1.0	1.00	1.00000	
16	600-49057-A-2-A	31 Jan 2012	12:29:39	1	-0.00001	1.0	1.00	1.00000	
17	CCV 769190	31 Jan 2012	12:30:22	1	102.01949	1.0	1.00	1.00000	
18	CCB	31 Jan 2012	12:31:06	1	4.29811	1.0	1.00	1.00000	
44		31 Jan 2012	12:31:49	1	633.27649	1.0	1.00	1.00000	
45		31 Jan 2012	12:32:30	1	627.15631	1.0	1.00	1.00000	
46		31 Jan 2012	12:33:14	1	696.45502	1.0	1.00	1.00000	
47		31 Jan 2012	12:33:58	1	749.05536	1.0	1.00	1.00000	
48		31 Jan 2012	12:34:42	1	809.65515	1.0	1.00	1.00000	
49		31 Jan 2012	12:35:26	1	779.71466	1.0	1.00	1.00000	
50		31 Jan 2012	12:36:09	1	757.58319	1.0	1.00	1.00000	


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
300 7390516 (Area)
200 5061812 (Area)
100 2600487 (Area)
40 1085427 (Area)
20 593170 (Area)
10 290419 (Area)
0 0 (Area)
ICV 769190 102.5403 ug/L
0
50
100
150
200
250
300
350
400
450
500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
ICB 0.0000 ug/L
MB 600-71253/1-A 0.0000 ug/L
LCS 600-71253/2-A@20 1445.1826 ug/L
600-49321-D-1-N 4.9078 ug/L
600-49143-A-8-D 0.0000 ug/L
600-49380-A-4-H 0.0000 ug/L
600-49379-A-5-H 0.0000 ug/L
600-49402-B-4-A 0.0000 ug/L
600-49402-B-4-B DU 0.0000 ug/L
600-49402-B-4-C MS@20 188.9096 ug/L
560-30294-E-1-A 0.0000 ug/L
CCV 769190 102.6995 ug/L
500
550
600
650
700
750
800
850
900
950
1000
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
CCB -0.0000 ug/L
600-49143-B-9-D -0.0000 ug/L
600-49057-A-2-A -0.0000 ug/L
CCV 769190 102.0195 ug/L
CCB 4.2981 ug/L
633.2765 ug/L
627.1563 ug/L
696.4550 ug/L
749.0554 ug/L
809.6552 ug/L
779.7147 ug/L
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Seconds

Channel 1 - cyanide



TestAmerica Houston

SULFIDE - Titrimetric & Reactive logbook

Method: SM4500-S^2 E or SW9034 **(circle one)**

Analyst: BPT Batch# 71278 Date: 1/31/12 1200 Time: 1200

Starch Sol ID: 460551 6N HCL ID: 758456 Sulfide Std ID: 780895

Sample ID	(C) Sample Volume (mL)	(A) 0.025 N* Iodine (mL) ID: 751398	(B) 0.025 N* Sodium Thiosulfate (mL) ID: 692932	Sulfide [(A-B)/C]*400 (mg/L)	Comments (Reactives X25)
SB	100	10	10	0	
UNDISTILLED	2ml/100	20	11.9	1620	
MB	100	10	10	0	0
LCS		20	8.8	49.8	1120
600-49263-B-1		10	9.9	0.4	10
B-1DU		10	9.9	0.4	10
B-1MS		20	8.8	49.8	1120
600-49321-D-1		10	9.9	0.4	10
600-49143-A-8		10	9.9	0.4	10
600-49380-A-4		10	9.9	0.4	10
600-49379-A-5		10	9.9	0.4	10
600-49405-A-1		10	9.9	0.4	10
600-49462-B-4		10	9.8	0.8	20
B-4DU		10	9.8	0.8	20
B-4MS		20	9.0	49.0	1100
600-49143-B-9		10	9.9	0.4	10
600-49057-A-2		10	9.9	0.4	10

*For Normality other then indicated [((A*Iodine N) – (B*Thiosulfate N))/C]*16000

Reviewed By: Date: 1/31/12

SCANNED

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 1/31/12 1545 Analyst: MB Slope: 98.52 Balance ID: B-2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 586735 Batch #: 71295

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	21.4	
Calibrate 7.00	7.00	21.2	
Calibrate 10.00	10.00	21.2	
LCS/ICV	7.04	21.8	TV= 7.00 std. units
49143 B9	8.10	20.7	WATER
Duplicate ↓ B9	8.10	20.7	↓
	1/31/12	MB	
CCV	7.03	21.8	TV= 7.00 std. units
Duplicate			
CCV			TV= _____ std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: MB Date: 1/31/12

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 1/30/12 1100 Analyst: MB Slope: 98.21 Balance ID: B-2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 586735 Batch #: 71179

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	20.5	
Calibrate 7.00	7.00	19.3	
Calibrate 10.00	10.00	19.3	
LCS/ICV	6.98	19.3	TV= 7.00 std. units
49417 - B1	7.09	18.8	SOIL
Duplicate B1	7.07	18.7	
B2	6.85	19.0	
B3	6.76	19.1	
B4	7.15	19.5	
B5	6.89	19.4	
B6	8.07	19.8	
B7	8.05	20.1	
B8	8.01	20.2	
B9	7.92	19.9	
B10	8.06	19.7	
CCV	6.98	20.0	TV= 7.00 std. units
49417 - B11	8.08	19.8	SOIL
Duplicate B11	8.06	19.9	
B12	6.91	19.7	
B13	7.74	19.8	
B14	7.90	20.0	
49271 - B1	8.72	19.8	
B2	8.23	19.7	
B3	8.63	19.7	
B4	8.30	19.9	
B5	8.77	20.0	
B6	8.66	20.4	
CCV	6.97	20.1	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: [signature] **Date:** 1/30/12

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time:_____ Analyst:_____ Slope:_____ Balance ID:_____

Buffer ID: 4.00; 7.00; 10.00; LCS/ICV/CCV ID:_____

1.00;_____, 13.00;_____ Batch #:_____

CONT'D

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00			
Calibrate 7.00			
Calibrate 10.00			
LCS/ICV	6.98	20.1	TV= 7.00 std. units
49405 - A1	8.73	20.6	SOIL
Duplicate A1	8.71	20.8	↓
49289 - D1	5.99	19.9	↓
49369 - A1	10.03	20.4	↓
↓ A2	9.40	20.4	↓
↓ A3	8.71	20.5	↓
49263 - B1	7.50	20.5	↓
49379 - A5	8.32	20.6	↓
49321 - ~~D~~ MB D1	7.69	20.8	↓
49505 - C1	7.46	21.2	↓
49143 - A8	7.60	22.6	↓
CCV	7.02	21.1	TV= 7.00 std. units
49220 - A1	7.45	22.3	WATER
Duplicate ↓ A1	7.48	22.3	↓
49217 - A1	7.54	21.2	↓
49218 - A1	7.56	21.3	↓
49131 - A1	7.44	22.4	↓
↓ A2	7.45	22.6	↓
↓ A3	7.44	20.9	↓
↓ A4	7.35	20.9	↓
49295 - B1	7.59	22.0	↓
	1/30/12 MB.		
CCV	7.01	21.1	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ **Date:** 1/30/12

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 1/25/12 13:00 Analyst: SP Barometric Reading (mm Hg): 755

Thermometer ID: 540 Batch #: 70933

LCS True Value: 81 LCS ID: 570596 (closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	7186	>186	
	LCS	82.0	81.70	
774954	49263-B1	>212	>212	D92
	↓ DU	>212	>212	↓
775361	49289-A1	>212	>212	
772494	49143-A8	>212	>212	
775957	49321-B1	>212	>212	
770518	49055-A1	>212	>212	
560-743480	560-30294-A2	>212	>212	
	CCV	82.0	81.70	
		SP		
			1/25/12	

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

Reviewed By: M Date: 1/26/12

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 1/26/12 10:30 Analyst: SP

Thermometer ID: 540

Barometric Reading (mm Hg): 759

Batch #: 70973

LCS True Value: 81 LCS ID: 570596

(closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	>186		
	LCS	82.0	81.94	1010
744952	560-30183-C2	165	164.94	
772496	49143-A 9	>186	>186	
	DU	>186	>186	
775034	49145-A 4	>186	>186	
	CCV	82	81.94	

SP 1/26/12

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

SCANNED 1/26/12

Reviewed By: _____ Date: _____

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71253 Batch Start Date: 01/30/12 09:00 Batch Analyst: Grimm, Brandon D

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00462	WETRCYANID 00014		
MB 600-71253/1		7.3.4, 9012		10 g	250 mL				
LCS 600-71253/2		7.3.4, 9012		10 g	250 mL	10 mL	10 mL		
600-49143-A-8	IDW 1	7.3.4, 9012	T	10 g	250 mL				
600-49143-B-9	IDW 2	7.3.4, 9012	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-1346

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71273 Batch Start Date: 01/31/12 14:19 Batch Analyst: Grimm, Brandon D

Batch Method: 9012 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
ICV 600-71273/8		9012		5 mL	5 mL				
ICB 600-71273/9		9012		5 mL	5 mL				
MB 600-71253/1-A		9012		5 mL	5 mL				
LCS 600-71253/2-A		9012		5 mL	5 mL				
600-49143-A-8-D	IDW 1	9012	T	5 mL	5 mL				
CCV 600-71273/20		9012		5 mL	5 mL				
CCB 600-71273/21		9012		5 mL	5 mL				
600-49143-B-9-D	IDW 2	9012	T	5 mL	5 mL				
CCV 600-71273/24		9012		5 mL	5 mL				
CCB 600-71273/25		9012		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-1347

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71253 Batch Start Date: 01/30/12 09:00 Batch Analyst: Grimm, Brandon D

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00462	WETRCYANID 00014		
MB 600-71253/1		7.3.4, 7.4.4		10 g	250 mL				
LCS 600-71253/2		7.3.4, 7.4.4		10 g	250 mL	10 mL	10 mL		
600-49143-A-8	IDW 1	7.3.4, 7.4.4	T	10 g	250 mL				
600-49143-B-9	IDW 2	7.3.4, 7.4.4	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-1348

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71295 Batch Start Date: 01/31/12 15:45 Batch Analyst: Boza, Michael

Batch Method: 9040B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
LCS 600-71295/1		9040B		50 mL	21.8 Celsius	7.04 SU	pH = Read 1	50 mL	
600-49143-B-9	IDW 2	9040B	T	50 mL	20.7 Celsius	8.10 SU	pH = Read 1		
600-49143-B-9 DU	IDW 2	9040B	T	50 mL	20.7 Celsius	8.10 SU	pH = Read 1		
CCV 600-71295/4		9040B		50 mL	21.8 Celsius	7.03 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-1349

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71179 Batch Start Date: 01/30/12 11:00 Batch Analyst: Boza, Michael

Batch Method: 9045C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
CCV 600-71179/25		9045C		50 mL	20.1 Celsius	6.97 SU	pH = Read 1	50 mL	
LCS 600-71179/26		9045C		50 mL	20.1 Celsius	6.98 SU	pH = Read 1	50 mL	
600-49143-A-8	IDW 1	9045C	T	20 mL	22.6 Celsius	7.60 SU	pH = Read 1		
CCV 600-71179/38		9045C		50 mL	21.1 Celsius	7.02 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-1350

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70933 Batch Start Date: 01/25/12 13:00 Batch Analyst: Puranik, Surendra U

Batch Method: D92 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WETRPXYLEN 00005				
LCS 600-70933/2		D92		60 mL	60 mL				
CCV 600-70933/10		D92		60 mL	60 mL				

Batch Notes	

Basis	Basis Description

A12-1351

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70705 Batch Start Date: 01/23/12 17:19 Batch Analyst: Puranik, Surendra U

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-49143-A-1	2012-FWCS-7	Moisture	T	1.15 g	15.76 g	11.40 g			
600-49143-A-1 MS	2012-FWCS-7	Moisture	T	1.15 g	16.99 g	12.22 g			
600-49143-A-1 MSD	2012-FWCS-7	Moisture	T	1.15 g	18.59 g	13.49 g			
600-49143-A-2	2012-FWCS-6	Moisture	T	1.15 g	19.09 g	14.34 g			
600-49143-A-3	2012-FWCS-5	Moisture	T	1.15 g	17.53 g	13.63 g			
600-49143-A-4	2012-FWCS-4	Moisture	T	1.15 g	18.70 g	13.57 g			
600-49143-A-5	2012-FWCS-3	Moisture	T	1.15 g	19.33 g	15.15 g			
600-49143-A-6	2012-FWCS-2	Moisture	T	1.15 g	16.59 g	13.44 g			
600-49143-A-8	IDW 1	Moisture	T	1.15 g	17.19 g	13.42 g			

Batch Notes	

Basis	Basis Description
T	Total/NA

A12-1352

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70973 Batch Start Date: 01/26/12 10:30 Batch Analyst: Puranik, Surendra U

Batch Method: SW846 Ch. 7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WETRPXYLEN 00005				
MB 600-70973/1		SW846 Ch. 7		60 mL					
LCS 600-70973/2		SW846 Ch. 7		60 mL	60 mL				
CCV 600-70973/4		SW846 Ch. 7		60 mL	60 mL				
CCV 600-70973/8		SW846 Ch. 7		60 mL	60 mL				

Batch Notes	
Barometric Pressure at Time of Analysis	759

Basis	Basis Description

A12-1353

Loc: 600
49143

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carr	COC No.
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Pb	RCRA 8 metals TCLP	RCT	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I,D					I,A	J			IV	I	I		
2012-FWCS-7	1/19/12	1110	G	S	N	Y	X					X	X						4	Hold TX1006
2012-FWCS-~~6~~ DUP		1140				N	X					X	X						2	
2012-FWCS-5		1206					X					X	X						2	
2012-FWCS-4		1231					X					X	X						2	
2012-FWCS-3		1255					X					X	X						2	
2012-FWCS-2		1319					X					X	X						2	
Field Blank 4		1445		W								X							3	
IDW 1		1539		S												X	X	X	2	
IDW 2		1551		W												X	X	X	3	
Equipment Blank 8		1609		W			X					X							4	
Trip Blank 1/19/12	—	—	—	W								X								

Page 678 of 679

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1/19/12 1714	PBW			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

03/02/2012

A12-1354

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Login Number: 49143

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	4.6
Cooler Temperature is recorded.	True	545
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

APPENDIX 12.2
APAR IDW CHARACTERIZATION AND DISPOSITION DOCUMENTATION

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1334591

Name Exide Technologies
Address PO Box 250
Frisco TX 75034
Phone No. 972 335-2121

Generating Location Exide Technologies
7471 South 5th St; Frisco, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD006451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
00323022	961944TX	Plant Investigative Derived Waste Class 2 Soils	20	D

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

DANIEL A. JOHNSON (PRINT) — AUTHORIZED AGENT'S NAME
6-19-13 — DATE
SIGNATURE

TRANSPORTER

Transporter's Name Remediation Services, Inc
Address 2735 S. 10th Street
Independence, KS 67301
Phone No. (620)331-1200
Driver's name Bryan Mecom
Vehicle No. 109

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

6-20-13 — SHIPMENT DATE
Bryan Mecom — DRIVER'S SIGNATURE
6-20-13 — DELIVERY DATE
Bryan Mecom — DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S Railroad Street
Permit No. 1025-B
Phone No. (972)459-1213
Lewisville TX 75067
Time 11:45 AM

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

[illegible] — NAME (PRINT)
6/20/13 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

DFW RDF
1600 South Railroad Street
Lewisville, TX, 75067
Ph: (972) 315-5421

Original
Ticket# 1274887

Customer Name REMEDIATIONSERVICES REMEDIATI
Ticket Date 06/20/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code 00313022
Manifest 1334596
Destination
PO
Profile 961944TX (PLANT INVESTIGATIVE DERIVED WASTE CLASS 2 SOILS)
Generator 158-EXIDETECHNOLOGIES Exide Technologies

Carrier RSI INDEPENDE
Vehicle# 109
Container
Driver
Check#
Billing # 0001625
Gen EPA ID 30516
Grid

Volume 14.0

	Time	Scale	Operator	Inbound		
In	06/20/2013 11:48:58	In Scale 2	lturner		Gross	31160 lb
Out	06/20/2013 11:48:58		lturner		Tare	24760 lb
					Net	6400 lb
					Tons	3.20

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	C2 Soil-Each-Soil	100	20	Each				
2	FUEL-Fuel Surcharg	100		%				
3	EVF-P-Standard Env	100		%				

3055461

I certify that the wastes I delivered to this facility on this date does not contain any regulated hazardous, toxic, radioactive wastes or substances, or other non-allowable waste. I also agree to remove any non-allowable wastes I bring to this facility, or pay all costs for proper removal of such wastes, upon request from this facility.

Total Tax
Total Ticket

Signature _____

403WMNT

WASTE MANAGEMENT

NON-HAZARDOUS WASTE MANIFEST

FOR OFFICE USE ONLY
Customer Acc. No. _____
Ticket No. _____

GENERATOR

WMI 1334599

Name Exide Technologies
Address PO Box 250
Frisco TX 75034
Phone No. 972 335-2121

Generating Location Exide Technologies
7471 South 5th St; Frisco, TX 75034
State Gen. ID No. 30516
Gen. US EPA ID No. TXD008451090

WASTE CODE	PROFILE NUMBER	WASTE DESCRIPTION	QUANTITY	UNITS
0 0 8 2 8 0 2 2	961945TX	Landfill Investigative Derived Waste Class 2 Soils	7	D

CODES: D = DRUM; B = BAG; C = CARTON; P = POUND; Y = YARDS; 0 = OTHER

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

LAURELA. JOHNSON — AUTHORIZED AGENT'S NAME (PRINT)
6-19-13 — DATE
SIGNATURE

TRANSPORTER

Transporter's Name Remediation Services, Inc
Address 2735 S. 10th Street
Independence, KS 67301

Phone No. (620)331-1200
Driver's name _____
Vehicle No. _____

I hereby certify that the above listed material was picked up at the Generator site listed above and delivered without incident to the disposal facility listed below.

6-20-13 — SHIPMENT DATE
DRIVER'S SIGNATURE
6-2013 — DELIVERY DATE
DRIVER'S SIGNATURE

DISPOSAL FACILITY

Site Name DFW RDF
Address 1600 S Railroad Street
Permit No. 1025-B

Phone No. (972)459-1213
Lewisville TX 75067
Time 1430

I hereby certify that the above listed material has been accepted and that information presented on this document is true and accurate.

NAME (PRINT)
6/20/13 — DATE
SIGNATURE

White - Original • Canary - Transporter • Pink - Disposal Facility • Goldenrod - Generator

WASTE MANAGEMENT

DFW RDF
1600 South Railroad Street
Lewisville, TX, 75067
Ph: (972) 315-5421

Original
Ticket# 1275008

Customer Name REMEDIATIONSERVICES REMEDIATI
Ticket Date 06/20/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code 00323022
Manifest 1334599
Destination
PO
Profile 961945TX (LANDFILL IVESTIGATIVE DERIVED WASTE CLASS 2)
Generator 158-EXIDETECHNOLOGIES Exide Technologies

Carrier RSI INDEPENDE
Vehicle# 109
Container
Driver
Check#
Billing # 0001625
Gen EPA ID 30516

Grid

Volume 14.0

Scale In Scale 2
Operator lturner
Inbound

Time
In 06/20/2013 13:43:17
Out 06/20/2013 13:43:17

Gross 2740 lb
Tare 40 lb
Net 2700 lb
Tons 1.35

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	C2 Soil-DRUM-Soil	100	7	Each				
2	FUEL-Fuel Surcharg	100		%				
3	[illegible]	[illegible]		%				

B Mac

Total # 3055541

I certify that the wastes I delivered to this facility on this date does not contain any regulated hazardous, toxic, radioactive wastes or substances, or other non-allowable waste. I also agree to remove any non-allowable wastes I bring to this facility, or pay all costs for proper removal of such wastes, upon request from this facility.

Total Ticket

Signature _____

403WMNT

25-Apr-2013

Vanessa Coleman
Exide Technologies
7471 South Fifth Street
Frisco, TX 75034

Tel: (972) 335-2121
Fax:

Re: Plant Drums Work Order: **1304855**

Dear Vanessa,

ALS Environmental received 1 sample on 23-Apr-2013 09:15 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 11.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Luke F. Hernandez

Bernadette A. Fini
Project Manager

Certificate No: TX: T104704231-12-10

ALS Environmental

Date: 25-Apr-13

Client: Exide Technologies
Project: Plant Drums
Work Order: **1304855**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1304855-01	Plant IDW001	Soil		4/19/2013 15:30	4/23/2013 09:15	☐

Client: Exide Technologies
Project: Plant Drums
Work Order: 1304855

Case Narrative

No Exceptions

ALS Environmental

Date: *25-Apr-13*

Client: Exide Technologies
Project: Plant Drums
Sample ID: Plant IDW001
Collection Date: 4/19/2013 03:30 PM

Work Order: 1304855
Lab ID: 1304855-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP METALS		Method: **SW1311/6020**			Leachate: SW1311 / 4/24/13 Prep: SW3010A / 4/24/13		Analyst: **JCJ**
Cadmium	U		0.00800	0.0200	mg/L	10	4/25/2013 02:47
Lead	**0.00955**	J	**0.00700**	**0.0500**	**mg/L**	10	4/25/2013 02:47
PH - SOIL - SW9045D		Method: **SW9045B**					Analyst: **TAL**
pH	**7.56**		**0.10**	**0.100**	**pH Units**	1	4/25/2013

Note: See Qualifiers Page for a list of qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

MBLK Sample ID: **MBLKT1-042313-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:32 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193316** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	U	0.020								
Lead	U	0.050								

MBLK Sample ID: **MBLKW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:37 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193317** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	U	0.020								
Lead	U	0.050								

LCS Sample ID: **MLCSW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:42 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193318** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	0.4715	0.020	0.5	0	94.3	80-120	0			
Lead	0.4819	0.050	0.5	0	96.4	80-120	0			

MS Sample ID: **1304841-02BMS** Units: **mg/L** Analysis Date: **4/25/2013 02:32 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193328** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	0.4838	0.020	0.5	0.006098	95.5	75-125	0			
Lead	0.6796	0.050	0.5	0.1909	97.7	75-125	0			

MSD Sample ID: **1304841-02BMSD** Units: **mg/L** Analysis Date: **4/25/2013 02:37 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193329** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	0.4991	0.020	0.5	0.006098	98.6	75-125	0.4838	3.12	20	
Lead	0.7159	0.050	0.5	0.1909	105	75-125	0.6796	5.21	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Work Order: 1304855
Project: Plant Drums

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

DUP Sample ID: **1304841-02BDUP** Units: **mg/L** Analysis Date: **4/25/2013 02:22 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193326** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	U	0.020	0	0	0	0-0	0.006098	0	25	
Lead	0.1905	0.050	0	0	0	0-0	0.1909	0.201	25	

The following samples were analyzed in this batch: 1304855-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Work Order: 1304855
Project: Plant Drums

QC BATCH REPORT

Batch ID: **R146377** Instrument ID **WetChem** Method: **SW9045B** **(Dissolve)**

LCS Sample ID: **LCS-W1120425-R146377** Units: **pH Units** Analysis Date: **4/25/2013**
Client ID: Run ID: **WETCHEM_130425C** SeqNo: **3194296** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.01	0.10	6	0	100	90-110	0			

DUP Sample ID: **1304855-01ADUP** Units: **pH Units** Analysis Date: **4/25/2013**
Client ID: **Plant IDW001** Run ID: **WETCHEM_130425C** SeqNo: **3194306** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.61	0.10	0	0	0	0-0	7.56	0.659	20	

The following samples were analyzed in this batch: 1304855-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Project: Plant Drums
WorkOrder: **1304855**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
mg/L	Milligrams per Liter
pH Units	

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304855** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):	5147		
Date/Time sample(s) sent to storage:	4/23/13 10:45		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

☐ ALS Laboratory Group
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page _____ of _____

1304855

EXIDE TECHNOLOGIES: Exide Technologies

Project: Plant Drums

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name		A	TCLP Metals Pb+Cd
Work Order	Plant Drums	Project Number		B	Hold Remainder
Company Name	RST	Bill To Company	Exide Technologies	C	
Send Report To	Grant Sherwood	Invoice Attn	Vanessa Coleman	D	
Address	P.O. Box 587	Address	7471 S. 5th St.	E	
				F	
City/State/Zip	Independence KS 67301	City/State/Zip	Frisco, TX 75034	G	
Phone	620.331.1200	Phone	972.335.2121	H	
Fax	620.331.6216	Fax		I	
e-Mail Address	GSherwood@RSE-KS.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	PLANTDRUM001	4.19.13	15:30	Soil	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Pg 10 of 11

Sampler(s) Please Print & Sign: Johnny Coleman

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Other _____ ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour

Results Due Date: 4.25.13

Relinquished by:	Date:	Time:	Received by:	Notes:
Johnny Coleman	4.22.13	19:00		
Relinquished by:	Date:	Time:	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp

QC Package: (Check One Box Below)
☑ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Date ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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A12-1370

FedEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

04·22·13

Sender's Name JOHNNY GILLMAN Phone 620 252-9918

Company RST

Address 7471 S 5TH ST

Dept/Floor/Suite/Room

City FRISCO State TX ZIP 75034

Your Internal Billing Reference

Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City HOUSTON State TX ZIP 77099-4338

HOLD Weekday: FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday: FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0455550776

8013 8013 2712

MUR1

Form ID No. 0215 Recipient's Copy

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- [X] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [X] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- [ ] FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages ____ Total Weight ____ lbs. Credit Card Auth. ____

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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25-Apr-2013

Vanessa Coleman
Exide Technologies
7471 South Fifth Street
Frisco, TX 75034

Tel: (972) 335-2121
Fax:

Re: Landfill Drums Work Order: **1304857**

Dear Vanessa,

ALS Environmental received 1 sample on 23-Apr-2013 09:15 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 12.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Jumoke M. Lawal

Bernadette A. Fini
Project Manager

Certificate No: TX: T104704231-12-10

ALS Environmental

Date: 25-Apr-13

Client: Exide Technologies
Project: Landfill Drums
Work Order: **1304857**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1304857-01	LF IDW001	Soil		4/19/2013 15:54	4/23/2013 09:15	☐

Client: Exide Technologies
Project: Landfill Drums
Work Order: 1304857

Case Narrative

No Exceptions

ALS Environmental

Date: *25-Apr-13*

Client: Exide Technologies
Project: Landfill Drums
Sample ID: LF IDW001
Collection Date: 4/19/2013 03:54 PM

Work Order: 1304857
Lab ID: 1304857-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP METALS		Method: **SW1311/6020**			Leachate: SW1311 / 4/24/13 Prep: SW3010A / 4/24/13		Analyst: **JCJ**
Cadmium	U		0.00800	0.0200	mg/L	10	4/25/2013 13:07
Lead	U		0.00700	0.0500	mg/L	10	4/25/2013 13:07
PH - SOIL - SW9045D		Method: **SW9045B**					Analyst: **TAL**
pH	**8.19**		**0.10**	**0.100**	**pH Units**	1	4/25/2013

Note: See Qualifiers Page for a list of qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

MBLK Sample ID: **MBLKT1-042313-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:32 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193316** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	U	0.020								
Lead	U	0.050								

MBLK Sample ID: **MBLKW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:37 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193317** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	U	0.020								
Lead	U	0.050								

LCS Sample ID: **MLCSW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:42 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193318** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	0.4715	0.020	0.5	0	94.3	80-120	0			
Lead	0.4819	0.050	0.5	0	96.4	80-120	0			

MS Sample ID: **1304841-02BMS** Units: **mg/L** Analysis Date: **4/25/2013 02:32 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193328** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	0.4838	0.020	0.5	0.006098	95.5	75-125	0			
Lead	0.6796	0.050	0.5	0.1909	97.7	75-125	0			

MSD Sample ID: **1304841-02BMSD** Units: **mg/L** Analysis Date: **4/25/2013 02:37 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193329** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	0.4991	0.020	0.5	0.006098	98.6	75-125	0.4838	3.12	20	
Lead	0.7159	0.050	0.5	0.1909	105	75-125	0.6796	5.21	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Work Order: 1304857
Project: Landfill Drums

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

DUP Sample ID: **1304841-02BDUP** Units: **mg/L** Analysis Date: **4/25/2013 02:22 AM**

Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193326** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	U	0.020	0	0	0	0-0	0.006098	0	25	
Lead	0.1905	0.050	0	0	0	0-0	0.1909	0.201	25	

The following samples were analyzed in this batch: 1304857-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Work Order: 1304857
Project: Landfill Drums

QC BATCH REPORT

Batch ID: **R146377** Instrument ID **WetChem** Method: **SW9045B** **(Dissolve)**

LCS Sample ID: **LCS-W1120425-R146377** Units: **pH Units** Analysis Date: **4/25/2013**
Client ID: Run ID: **WETCHEM_130425C** SeqNo: **3194296** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.01	0.10	6	0	100	90-110	0			

DUP Sample ID: **1304855-01ADUP** Units: **pH Units** Analysis Date: **4/25/2013**
Client ID: Run ID: **WETCHEM_130425C** SeqNo: **3194306** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.61	0.10	0	0	0	0-0	7.56	0.659	20	

The following samples were analyzed in this batch: 1304857-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Project: Landfill Drums
WorkOrder: **1304857**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
mg/L	Milligrams per Liter
pH Units	

Semi-Volatiles / Metals Extraction Log

Logbook #28802

Analysts: Ca Batch ID 69469 - 69470 SOP # : TCLP-001 or SPLP-001

Vessel Number	Work Order Number	Sample weight, grams	% Solids	Vol. of Extract. Fluid, mls	pH Sx and H_2O	pH Sx HCl / H_2O	pH Ext. Fluid	Ext. Fluid ID.	pH After Tumble	Comments (TCLP or SPLP)
GV	MBLKT1042313	—	—	2000	—	—	4.94	7073407	—	TCLP
PV	1304778-01A	100.0	—	2000	9.51	2.26	4.91	7073408	6.48	
GV	1304785-01A	20.26	30.3%	205.2	8.83	1.89			8.37	
PV	1304831-01A	100.0	—	2000	9.12	1.81			5.02	
PV	1304834-01A	100.0	—	2000	9.78	1.97			4.99	
PV	1304841-02B	100.0	—	2000	7.51	1.75			5.54	
PV	1304855-01A	100.0	—	2000	8.81	1.99			5.36	
PV	1304870-08A	100.0	—	2000	5.78	1.83			5.53	
↓	-08AMS	↓	—	↓	5.78	1.83	↓	↓	5.53	
GV	MBLKT2042313	—	—	2000	—	—	2.93	7073406	—	
PV	1304856-01A	100.0	—	2000	9.25	5.82			5.94	
PV	1304857-01A	100.0	—	2000	9.28	5.98			6.05	
↓	-01AMS	↓	—	↓	9.28	5.98	↓	↓	6.05	
	1304828-01A								13.70	
	1304828-02A								13.66	
	1304828-03A								7.35	
	1304835-01A		5X filter on this			2nd			8.71	
	1304841-01D								6.57	
	-01DMS								6.57	

Balance ID: TCLP 03 | pH Meter ID TCLP PH 1 | Therm. ID: TCLP #1 | 1N HCl Tracking ID: 28607007

Date/Time In: 4:30pm 04/23/13	Date/Time Out: 2:30pm 04/24/13	Date/Time Filter/Initials: 9:40 am 04/24/13	Filter Lot# 400027
MIN Temp, °C: 3.2 °C	Room Temp Limits: 21-25 °C	TCLP Tumbler IDs: 3	Delivery Date/Time/Initials:
MAX Temp, °C: 3.3 °C	Rev Accept. Range: 56.5 - 64 sec	# sec / 30 Revolution: 60.5 04/23/13 CJ	

A12-1380

Pg 9 of 12

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ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304857** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	4/23/13 10:55		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

1304857

EXIDE TECHNOLOGIES: Exide Technologies

Project: Landfill Drums

ALS Environmental

Chain of Custody Form

Page ____ of ____

COC ID: 38724

☐ Cincinnati, OH +1 513 733 5336
☐ Everett, WA +1 425 356 2600
☐ Fort Collins, CO +1 970 490 1511

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	TCLP Metals Pb+Cd
Work Order	Landfill Drums	Project Number		B	Hold Remainder
Company Name	RST	Bill To Company	Exide Technologies	C	
Send Report To	Grant Sherwood	Invoice Attn.	Vanessa Coleman	D	
Address	P.O. Box 587	Address	7471 S. 5th St.	E	
				F	
City/State/Zip	Independence, KS 67301	City/State/Zip	Frisco, TX 75034	G	
Phone	620 331 1200	Phone	972 335 2121	H	
Fax	620 331 6216	Fax		I	
e-Mail Address	GSherwood@RSI-KS.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	LF IDW C01	4.19.13	15:54	Soil	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: Johnny Gillman

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour ☐ Other ____

Results Due Date: 4.25.13

Relinquished by:	Date:	Time:	Received by:	Notes:
Johnny Gillman	4.22.13	19:00		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

QC Package: (Check Box Below)

- ☒ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: ____

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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MUR 1

dEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

Form ID No. 0215

04·22·13

Sender's Johnny Gilman Phone 620 252 9518

Company RST

Address 7471 S 5TH ST.

Dept/Floor/Suite/Room

City Fisco State TX ZIP 79034

Your Internal Billing Reference

Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City HOUSTON State TX ZIP 77099-4338

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0455550776

8013 8013 2712

4 Express Package Service * To most locations.
NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [X] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- [ ] FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope* [ ] FedEx Pak* [ ] FedEx Box [ ] FedEx Tube [X] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted] 513

Total Packages ____ Total Weight ____ lbs. Credit Card Auth. [redacted]

611

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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21-May-2013

Vanessa Coleman
Exide Technologies
7471 South Fifth Street
Frisco, TX 75034

Tel: (972) 335-2121
Fax:

Re: Exide Decon/Demo 21252 Work Order: **1305642**

Dear Vanessa,

ALS Environmental received 7 samples on 02-Apr-2013 through 23-Apr-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 44.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Jumoke M. Lawal

Bernadette A. Fini
Project Manager

Certificate No: TX: T104704231-12-10

ALS Environmental

Date: 21-May-13

Client: Exide Technologies
Project: Exide Decon/Demo 21252
Work Order: **1305642**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1305642-01	Rock/Soil Stockpile	Solid		3/30/2013 13:15	4/2/2013 09:10	☐
1305642-02	Blast Feed Room Fibreglass	Solid		4/9/2013 13:20	4/10/2013 09:15	☐
1305642-03	Refining Office Floor	Solid		4/16/2013 14:25	4/17/2013 09:10	☐
1305642-04	Boneyard Sand/Gravel	Solid		4/16/2013 10:05	4/17/2013 09:10	☐
1305642-05	Plant IDW001	Solid		4/19/2013 15:30	4/23/2013 09:15	☐
1305642-06	VCP IDW001	Solid		4/20/2013 11:40	4/23/2013 09:15	☐
1305642-07	LF IDW001	Solid		4/19/2013 15:54	4/23/2013 09:15	☐

Client: Exide Technologies
Project: Exide Decon/Demo 21252
Work Order: 1305642

Case Narrative

Per client request on April 15, 2013, sample listed below were re-logged for TCLP Metals analysis originally logged in under the following work order numbers:

1304321-02 Rock/Soil Stockpile
1304374-02 Blast Feed Room Fiberglass
1304648-03 Refining Office Floor
1304648-04 Boneyard Sand/Gravel
1304855-01 Plant IDW
1304856-01 VCP IDW
1304857-01 LF IDW

The first four samples listed above were outside method holding time for TCLP Mercury and will be resampled and resubmitted for analysis.

Batch 69484, TCLP Metals Method 1311/6020, Sample 1304841-02: MS/MSD and DUP is for an unrelated sample.

ALS Environmental

Date: *21-May-13*

Client: Exide Technologies
Project: Exide Decon/Demo 21252
Sample ID: Plant IDW001
Collection Date: 4/19/2013 03:30 PM

Work Order: 1305642
Lab ID: 1305642-05
Matrix: SOLID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP MERCURY		Method: **SW7470**			Leachate: SW1311 / 4/24/13 Prep: SW7470 / 5/16/13		Analyst: **OFO**
Mercury	U		0.0000420	0.000200	mg/L	1	5/16/2013 15:46
TCLP METALS		Method: **SW1311/6020**			Leachate: SW1311 / 4/24/13 Prep: SW3010A / 4/24/13		Analyst: **JCJ**
Arsenic	U		0.0100	0.0500	mg/L	10	4/25/2013 02:47
Barium	**0.0919**		**0.00900**	**0.0500**	**mg/L**	10	4/25/2013 02:47
Chromium	U		0.0100	0.0500	mg/L	10	4/25/2013 02:47
Selenium	**0.0192**	J	**0.0100**	**0.0500**	**mg/L**	10	4/25/2013 02:47
Silver	U		0.00800	0.0500	mg/L	10	4/25/2013 02:47
TCLP MISCELLANEOUS METALS		Method: **SW1311/6020**			Leachate: SW1311 / 4/24/13 Prep: SW3010A / 4/24/13		Analyst: **JCJ**
Antimony	U		0.00800	0.0500	mg/L	10	4/25/2013 02:47
Beryllium	U		0.00700	0.0200	mg/L	10	4/25/2013 02:47
Nickel	**0.0791**		**0.0100**	**0.0500**	**mg/L**	10	4/25/2013 02:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

MSD Sample ID: **1304841-02BMSD** Units: **mg/L** Analysis Date: **4/25/2013 02:37 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193329** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5464	0.050	0.5	0.07456	94.4	75-125	0.5654	3.42	20	
Barium	3.101	0.050	0.5	2.419	137	75-125	2.992	3.59	20	SO
Chromium	0.4916	0.050	0.5	0.03081	92.2	75-125	0.5002	1.72	20	
Selenium	0.5161	0.050	0.5	0.00619	102	75-125	0.5145	0.298	20	
Silver	0.4112	0.050	0.5	0.000102	82.2	75-125	0.4585	10.9	20	

MSD Sample ID: **1304841-02BMSD** Units: **mg/L** Analysis Date: **4/25/2013 02:37 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193368** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.4818	0.050	0.5	0.007323	94.9	75-125	0.4955	2.8	25	
Beryllium	0.642	0.020	0.5	0.001056	128	75-125	0.6457	0.579	25	S
Nickel	0.5006	0.050	0.5	0.02827	94.5	75-125	0.5025	0.379	25	

DUP Sample ID: **1304841-02BDUP** Units: **mg/L** Analysis Date: **4/25/2013 02:22 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193326** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.07531	0.050	0	0	0	0-0	0.07456	1	25	
Barium	2.481	0.050	0	0	0	0-0	2.419	2.55	25	
Chromium	0.03052	0.050	0	0	0	0-0	0.03081	0	25	J
Selenium	U	0.050	0	0	0	0-0	0.00619	0	25	
Silver	U	0.050	0	0	0	0-0	0.000102	0	25	

DUP Sample ID: **1304841-02BDUP** Units: **mg/L** Analysis Date: **4/25/2013 02:22 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193365** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.050	0	0	0	0-0	0.007323	0	25	
Beryllium	U	0.020	0	0	0	0-0	0.001056	0	25	
Nickel	0.03424	0.050	0	0	0	0-0	0.02827	0	25	J

The following samples were analyzed in this batch: 1305642-05A 1305642-06A 1305642-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Work Order: 1305642
Project: Exide Decon/Demo 21252

QC BATCH REPORT

Batch ID: **70046** Instrument ID **Mercury** Method: **SW7470**

MBLK Sample ID: **GBLKW2-051613-70046** Units: **mg/L** Analysis Date: **5/16/2013 03:18 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218419** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020								

MBLK Sample ID: **GBLKT1-051513-70046** Units: **mg/L** Analysis Date: **5/16/2013 03:32 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218425** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0			

LCS Sample ID: **GLCSW2-051613-70046** Units: **mg/L** Analysis Date: **5/16/2013 03:20 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218420** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00528	0.00020	0.005	0	106	80-120	0			

MS Sample ID: **1305643-01AMS** Units: **mg/L** Analysis Date: **5/16/2013 03:28 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218423** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00483	0.00020	0.005	0.000004	96.5	75-125	0			

MSD Sample ID: **1305643-01AMSD** Units: **mg/L** Analysis Date: **5/16/2013 03:30 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218424** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00487	0.00020	0.005	0.000004	97.3	75-125	0.00483	0.825	20	

DUP Sample ID: **1305643-01ADUP** Units: **mg/L** Analysis Date: **5/16/2013 03:24 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218422** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0.000004	0	20	

The following samples were analyzed in this batch:

1305642-01A	1305642-02A	1305642-03A
1305642-04A	1305642-05A	1305642-06A
1305642-07A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Project: Exide Decon/Demo 21252
WorkOrder: **1305642**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **CENTERPOINT ENERGY HOUST** Date/Time Received: **09-May-13 08:20**

Work Order: **1305374** Received by: **PS**

Checklist completed by Paresh M. Giga (eSignature) 09-May-13 (Date) Reviewed by: Kristin M Brown (eSignature) 10-May-13 (Date)

Matrices: Soil
Carrier name: ALS.HS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.6c/2.6c C/U	IR1	
Cooler(s)/Kit(s):	4566		
Date/Time sample(s) sent to storage:	5/9/13 10:55		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **17-Apr-13 09:10**

Work Order: **1304648** Received by: **PMG**

Checklist completed by Paresh M. Giga 17-Apr-13 Reviewed by: Bernadette A. Fini 17-Apr-13
eSignature Date eSignature Date

Matrices: Soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.7c/21.7c C/U	IR1	
Cooler(s)/Kit(s):	4740		
Date/Time sample(s) sent to storage:	4/17/13 10:19		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304855** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):	5147		
Date/Time sample(s) sent to storage:	4/23/13 10:45		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304856** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	4/23/13 10:50		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304857** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	4/23/13 10:55		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **02-Apr-13 09:10**

Work Order: **1304051** Received by: **RDH**

Checklist completed by Johnnie B. Allen 02-Apr-13 Reviewed by: Bernadette A. Fini 22-May-13
eSignature Date eSignature Date

Matrices: soil/solid/sediment
Carrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	21.2 C/uc	IR 1	
Cooler(s)/Kit(s):	4757		
Date/Time sample(s) sent to storage:	4/2/13 15:03		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

1305642

EXIDE TECHNOLOGIES: Exide Technologies

Project: Exide Decon/Demo 21252

ALS Environmental

Chain of Custody Form

Page ____ of ____

COC ID: 40910

☐ Cincinnati, +1 513 73
☐ Everett, WA +1 425 35
☐ Fort Collins +1 970 49

ALS Project Manager:

Customer Information		Project Information			Parameter/Method Request for Analysis
Purchase Order	21252	Project Name	Exide Technologies	A	TCLP Lead & Cadmium
Work Order		Project Number	21252	B	Total Lead & Cadmium
Company Name	RSI	Bill To Company	RSI	C	Hold Remain Sample for Possible Add. Analysis
Send Report To	Normal Distribution	Invoice Attn.	Accounts Payable	D	
Address		Address	PO Box 587	E	
				F	
City/State/Zip		City/State/Zip	Independence KS 67301	G	
Phone		Phone		H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Refinery Office Debris	3-30-13	13:05	Debris	N/A	1	X		X	3	Day		TA				
2	Five Building Composite	3-30-13	13:10	Soil	N/A	1		X	X		Normal		TA				
3	Rock / Soil Stockpile	3-30-13	13:15	Rock/Soil	N/A	1		X	X		Normal		TA				
4	Asphalt Stockpile	3-30-13	13:20	Asphalt	N/A	1		X	X		Normal		TA				
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign

Shipment Method:

Required Turnaround Time: ☐ STD 10 WK Days ☐ Sec Days ☐ Other ____ ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
Johnny Gillman	4-3-12	8:45		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler # (if any):
Shipped by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check Box Below)

- ☐ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: ____

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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Chain of Custody

1. [X] REGULAR Status

[ ] RUSH Status Requested - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 3-30-13 Purchase Order No. 21252

3. Company Name Remediation Services, Inc.
Address PO Box 587
Independence, KS 67301
Person to Contact: Grant Sherwood
Telephone (620) 331-1200
Fax Telephone (620) 331-6216
E-mail Address gsherwood@rsi-ks.com
Billing Address (if different from above)

4. Quote No.
ALS Project Manager Paul Pope

5. Sample Collection
Sampling Site: Exide Frisco
Industrial Process: Decontamination and Demo
Date of Collection 3-30-13
Time Collected 13:15
Date of Shipment 3-30-13

Send Results to: gsherwood@rsi-ks.com, jrgillman@rsi-ks.com, vanessa.coleman@na.exide.com, droth@rsi-ks.com

Send Invoice to : strotter@rsi-ks.com

7. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
	Refining Office Debris	Debris	8 oz	NIOSH 7303 - Lead and Cadmium	
	Fire Building Composite	Soil	8 oz	NIOSH 7303 - Lead and Cadmium	
	Rock/Soil Stockpile	Soil/Rock	8 oz	NIOSH 7303 - Lead and Cadmium	
	Asphalt Stockpile	Asphalt	8 oz	NIOSH 7303 - Lead and Cadmium	

EX-DEMO = Project (Exide-Demolition)
YYMMDD = Sampling date (e.g., 11/01/2012 = 121101)
LOC = Sample Location (e.g. UW = Upwind, DW = Downwind)
XXX = E-BAM Monitor Sample Association – Last 3 digits of Serial Number,
QQ = Optional QA sample flag (TB = trip blank, FB = field blank, SC = duplicate)

Comments Rock/Soil and Asphalt stockpiles located North of Oxide building

Hold all samples for possible additional samples

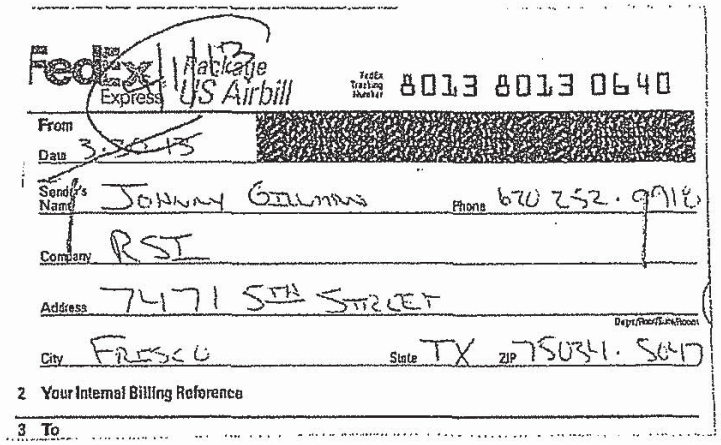
Possible Contamination and/or Chemical Hazards: Lead and cadmium

7. Chain of Custody (Optional)

Relinquished by Johnny Gillman Date/Time 03.30.13 18:0
Received by _____ Date/Time _____
Relinquished by _____ Date/Time _____
Received by _____ Date/Time 4/2/13 09

960 West LeVoy Drive / Salt Lake City, UT 84123 800-356-9135 or 801-266-7700 / FAX: 801-26
ALS Laboratory Group

1304321
EXIDE TECHNOLOGIES: Exide Technologies
Project: Exide Decon/Demo 21252



FedEx Express | Package U.S. Airbill

FedEx Tracking Number 8013 8013 0640

From

Date 3.30.13

Sender's Name JOHNNY GILLMAN Phone 620 252 . 9918

Company RSI

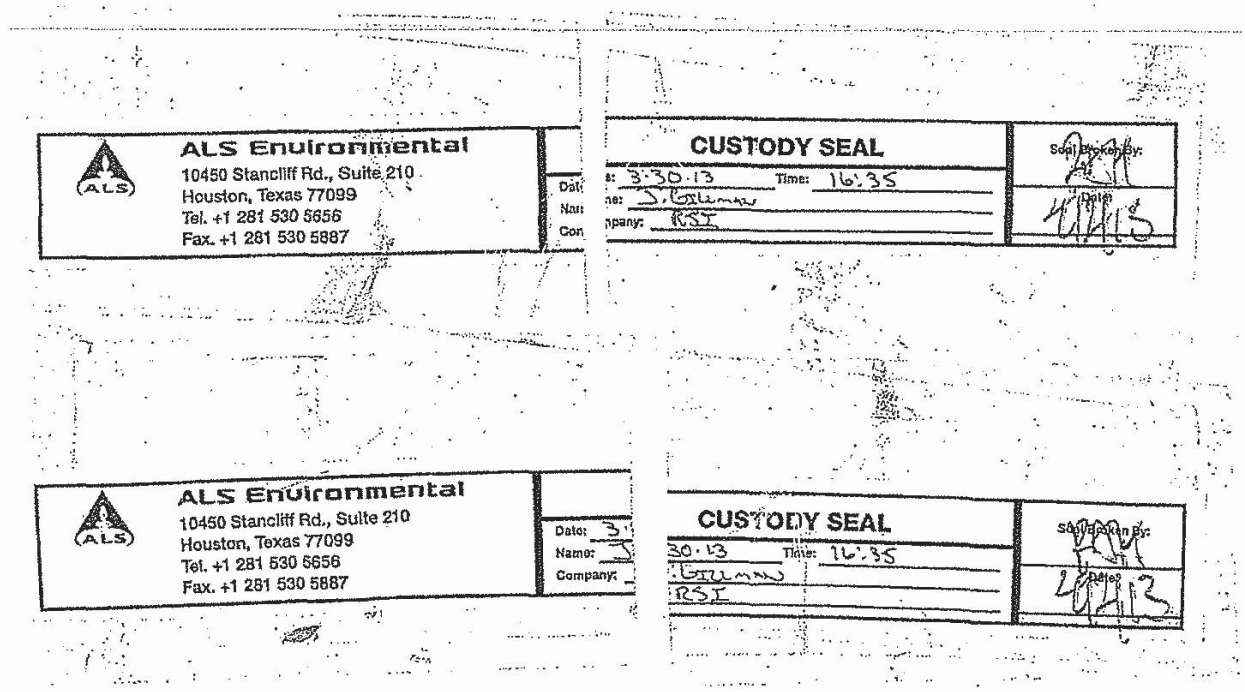
Address 7471 5TH STREET

Dept/Floor/Suite/Room

City FRISCO State TX ZIP 75034 . 5617

2 Your Internal Billing Reference

3 To



ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Date:
Name:
Company:

CUSTODY SEAL

Time: 16:35

Sealed/Relinquished By:

Date:

ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Date: 3

Name:

Company:

CUSTODY SEAL

30.13 Time: 16:35

GILLMAN

RSI

Sealed/Relinquished By:

Date:

ALS Environmental

Chain of Custody Form

Page ____ of ____

COC ID: 38719

1304374

EXIDE TECHNOLOGIES: Exide Technologies

Project: Exide 20252

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	20267	Project Name	Exide	A	TCLP Lead & Cadmium
Work Order		Project Number	20252	B	Rush T.A.
Company Name	RSI / Exide	Bill To Company	RSI	C	Normal T.A.
Send Report To	Norma	Invoice Attn.	Shelli Trotter	D	
Address		Address		E	
				F	
City/State/Zip	Independence KS	City/State/Zip		G	
Phone	620-331-1200	Phone		H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Slag Treatment Building FG	4-9-13	12:42	Sld	NA	1	X	X									
2	Glass Feed Room Fiberglass	4-9-13	1:20	Sld	NA	1	X		X								
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other Asap Jef

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
	4-9-13	2:05	Fed Ex	
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp:
	4/10/13	09:15	RN ALS	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check Box Below)

- ☐ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: _____

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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A12-1400

Chain of Custody Form

1304855

EXIDE TECHNOLOGIES: Exide Technologies

Project: Plant Drums

☐ ALS Laboratory Group
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Page _____ of _____

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name		A	TCLP METALS PB+CD
Work Order	PLANT DRUMS	Project Number		B	HOLD REMAINDER
Company Name	RST	Bill To Company	EXIDE TECHNOLOGIES	C	
Send Report To	GRANT SHERWOOD	Invoice Attn	VANESSA COLEMAN	D	
Address	P.O. BOX 587	Address	7471 S. 5TH ST.	E	
				F	
City/State/Zip	INDEPENDENCE KS 67301	City/State/Zip	FRISCO, TX 75034	G	
Phone	620.331.1200	Phone	972.335.2121	H	
Fax	620.331.6216	Fax		I	
e-Mail Address	GSHERWOOD@RSE-KS.COM	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	KS PLANTDRUM001	4-19-13	15:30	SOIL	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: JONNY GRIMM

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Other _____ ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour

Results Due Date: 4.25.13

Relinquished by:	Date:	Time:	Received by:	Notes:
JONNY GRIMM	4.22.13	19:00		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID / Cooler Temp
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)
- ☑ Level II Std QC
- ☐ Level III Std QC/Raw Date
- ☐ Level IV SW846/CLP
- ☐ Other _____
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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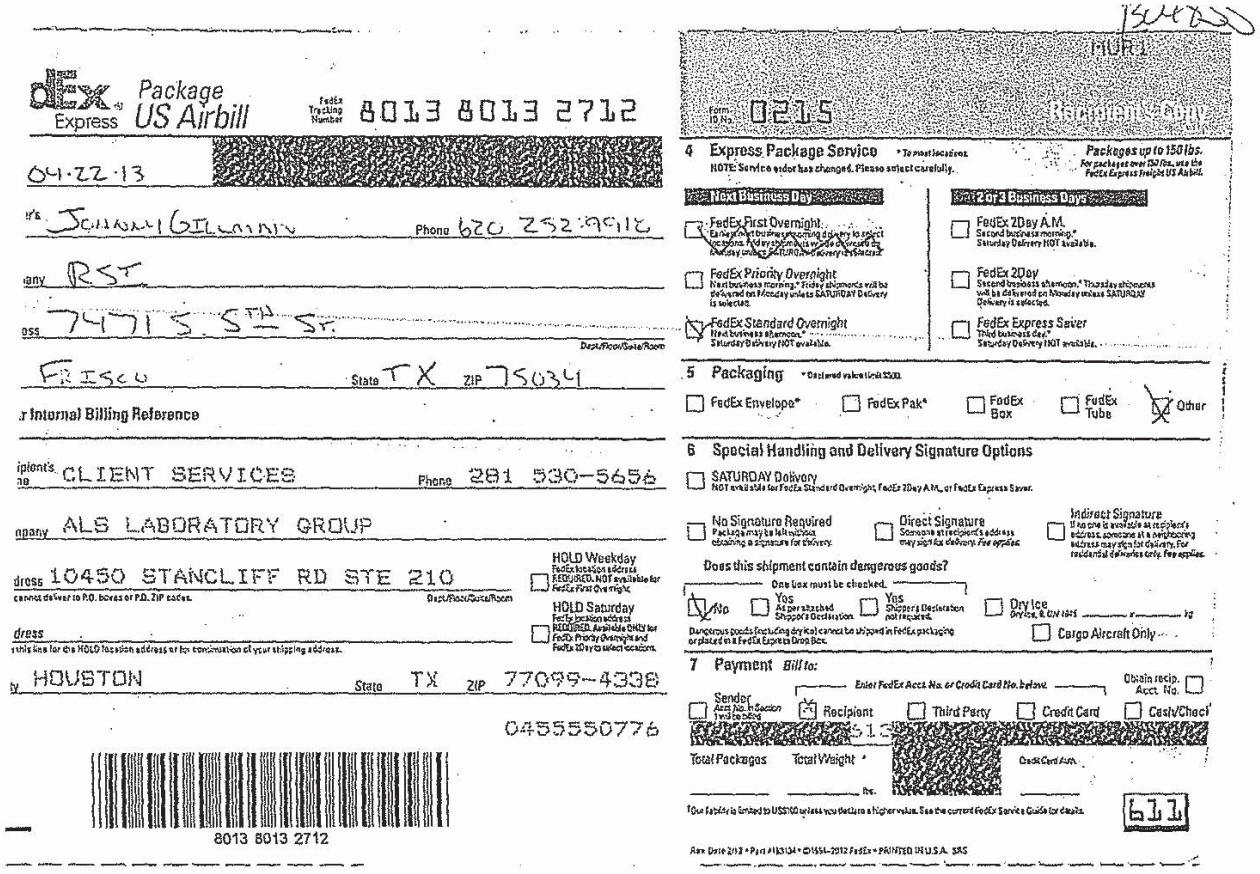
A12-1401



FedEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

04-22-13

From: JOHNNY GILLMAN Phone 620 252 9912

Company RST

Address 7475 S 5TH ST

Dept/Floor/Suite/Room

City FRISCO State TX ZIP 75034

Your Internal Billing Reference

To: Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Address

Enter this line for the HOLD location address or for continuation of your shipping address.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

City HOUSTON State TX ZIP 77099-4338

0455550776

8013 8013 2712

Form No. 0215 Recipient Copy

4 Express Package Service * To most locations. NOTE: Service and/or fees have changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- FedEx First Overnight: Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Priority Overnight: Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Standard Overnight: Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- FedEx 2Day A.M.: Second business morning.* Saturday Delivery NOT available.
- FedEx 2Day: Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver: Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- FedEx Envelope*
- FedEx Pak*
- FedEx Box
- FedEx Tube
- Other

6 Special Handling and Delivery Signature Options

- SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

Signature Options

- No Signature Required: Package may be left without obtaining a signature for delivery.
- Direct Signature: Someone at recipient's address may sign for delivery. Fee applies.
- Indirect Signature: If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- No
- Yes: As per attached Shipper's Declaration
- Yes: Shipper's Declaration not required.
- Dry Ice: Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No.

- Sender: Acct. No. in Section 1 will be billed
- Recipient
- Third Party
- Credit Card
- Cash/Check

Total Packages ____ Total Weight * ____ lbs. Credit Card Auth. ____

611

*Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

Rev. Date 2/13 • Part #163104 • ©1994–2012 FedEx • PRINTED IN U.S.A. SRS

Chain of Custody Form

ALS Environmental

Page 1 of 1

COC ID: 41301

1304648

EXIDE TECHNOLOGIES: Exide Technologies

Project: Decon Demo 21252

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	21252	Project Name	Decon Demo	A	TCLP Lead and Cadmium
Work Order		Project Number	21252	B	Hold
Company Name	Exide Technologies	Bill To Company	RSE	C	
Send Report To	Vanessa Colenay.	Invoice Attn:	Shelli Trotter	D	
Address	7471 S. Fifth St.	Address	PO Box 587	E	
				F	
City/State/Zip	Frisco Tx	City/State/Zip	Independence KS 67301	G	
Phone	972-335-2121	Phone	620-331-1200	H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Battery Breaker MCC Room	4-16-13	2:43		NA	1	X	X									
2	Refining Control Room	4-16-13	2:35			1	X	X									
3	Refining office Floor	4-16-13	2:25			1	X	X									
4	Boneyard Sand / Gravel	4-16-13	10:05			1	X	X									
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: Bryan Mecom

Shipment Method: Fed Ex

Required Turnaround Time: ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
Bryan Mecom	4/16/13	1458		Concrete Blocks from Buildings decontd above.
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp:
	4-16-13	15:05	4.17.13. 0910.	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check Box Below)

- ☐ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: _____

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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#4740.

A12-1403

ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

4740.

CUSTODY SEAL

Date: 4-16-13 Time: 1515
Name: Cavas Shannon
Company: RST

Seal Broken By:
Date: 4-17-13

4-16-13 FedEx Tracking Number 801056311577

Sender's Name Cavas Sherwood Phone 620 331-1200

Company RST

Address 2735 S. 10th St. Trlr 5 Dept/Floor/Suite/Room

Independence State KS ZIP 67301

Your Internal Billing Reference 21252

Chain of Custody Form

ALS Environmental

Page ____ of ____

COC ID: 41093

Cincinnati, OH +1 [redacted]336

Everett, WA +1 4[redacted]2600

Fort Collins, CO +1 970 490 1511

1304856

EXIDE TECHNOLOGIES: Exide Technologies

Project: VCP Drums

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	[redacted]	Project Name		A	TCLP METALS PB & CD
Work Order	VCP DRUMS	Project Number		B	HOLD REMAINDER
Company Name	RSI	Bill To Company	EXIDE TECHNOLOGIES	C	
Send Report To	GRANT SHERWOOD	Invoice Attn.	VANESSA GUERRERO	D	
Address	P.O. 587	Address	7471 S. 5TH ST.	E	
				F	
City/State/Zip	INDEPENDENCE, KS 67301	City/State/Zip	FRISCO, TX 75034	G	
Phone	620-331-1200	Phone	972-335-2121	H	
Fax	620-331-6216	Fax		I	
e-Mail Address	GSHERWOOD@RSI-KS.COM	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	VCP IDW 001	4-20-13	11:40	SOIL	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: JENNA GILLMAN

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour ☐ Other ____

Results Due Date: 4-25-13

Relinquished by:	Date:	Time:	Received by:	Notes:
J. GILLMAN	4-22-13	19:00	[signature] 4/23/13 0915	
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

QC Package: (Check Box Below)

- X Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: ____

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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A12-1405

1304856

MUR 1

FedEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

Form ID No. 0215

From

Date 04·22·13

Sender's Name JOHNNY GILLMAN Phone 620 252-9911

Company RST

Address 74715 5TH ST.

Dept./Floor/Suite/Room

City FRISCO State TX ZIP 75034

2 Your Internal Billing Reference

3 To

Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

City HOUSTON State TX ZIP 77099-4338

0455550776

8013 8013 2712

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight or US Airbill.

Next Business Day

- FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [X] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500

FedEx Envelope* | FedEx Pak* | FedEx Box | FedEx Tubes | [X] Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required — Package may be left without obtaining a signature for delivery.

Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

[X] No | Yes As per attached Shipper's Declaration | Yes Shipper's Declaration not required | Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain Recip. Acct. No.

Sender Acct. No. in Section 1 will be billed | [X] Recipient | Third Party | Credit Card | Cash/Check

[redacted]-13

Total Packages | Total Weight | Credit Card Auth.

____ ____ lbs. ____

Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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Chain of Custody Form

ALS Environmental

Page ____ of ____

COC ID: 38724

☐ Cincinnati, OH +1 513 733 5336
☐ Everett, WA +1 425 356 2600
☐ Fort Collins, CO +1 970 490 1511

1304857

EXIDE TECHNOLOGIES: Exide Technologies

Project: Landfill Drums

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	TCLP METALS PB+CD
Work Order	LANDFILL DRUMS	Project Number		B	HOLD REMAINDER
Company Name	RSI	Bill To Company	EXIDE TECHNOLOGIES	C	
Send Report To	GRANT SHERWOOD	Invoice Attn:	VANESSA COLEMAN	D	
Address	P.O. BOX 587	Address	7471 S. 5TH ST.	E	
				F	
City/State/Zip	INDEPENDENCE, KS 67301	City/State/Zip	FRISCO, TX 75034	G	
Phone	620 331 1200	Phone	972 335 2121	H	
Fax	620 331 6716	Fax		I	
e-Mail Address	GSHERWOOD@RSIEK.S.COM	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	LF IDW CO1	4.19.13	15:54	SOIL	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: JOHNNY GILLMAN

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour ☐ Other ____

Results Due Date: 4.25.13

Relinquished by:	Date:	Time:	Received by:	Notes:
JOHNNY GILLMAN	4.22.13	19:00		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

QC Package: (Check Box Below)

- [X] Level II: Standard QC
- [ ] Level III: Std QC + Raw Data
- [ ] Level IV: SW846 CLP-Like
- [ ] Other: ____

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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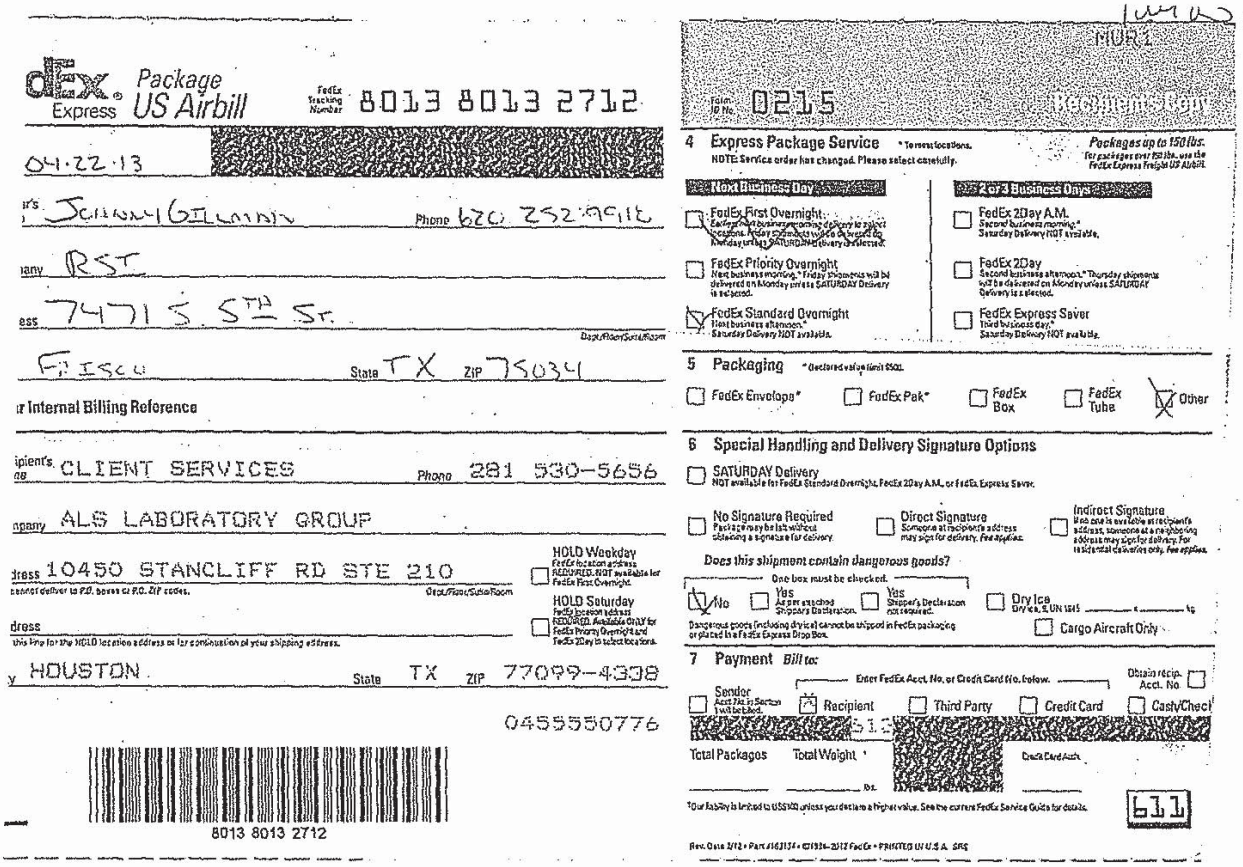
A12-1407



FedEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

04.22.13

Sender's Name JOHNNY GILLMAN Phone 620 252 9116

Company RST

Address 7471 S 5TH ST

Dept/Floor/Suite/Room

City FISCO State TX ZIP 76034

Your Internal Billing Reference

Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address

Enter the HOLD location address or for continuation of your shipping address.

City HOUSTON State TX ZIP 77099-4338

0455550776

8013 8013 2712

Form ID No. 0215 Recipient Copy

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available. [X]

2 or 3 Business Days

- FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

FedEx Envelope* | FedEx Pak* | FedEx Box | FedEx Tube | Other [X]

6 Special Handling and Delivery Signature Options

SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required — Package may be left without obtaining a signature for delivery.

Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

No [X] | Yes As per attached Shipper's Declaration. | Yes Shipper's Declaration not required. | Dry Ice Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No

Sender Acct. No in Section 1 will be billed. | Recipient [X] | Third Party | Credit Card | Cash/Check

Total Packages ____ Total Weight * ____ lbs. Credit Card Auth.

*Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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21-May-2013

Vanessa Coleman
Exide Technologies
7471 South Fifth Street
Frisco, TX 75034

Tel: (972) 335-2121
Fax:

Re: Exide Decon/Demo 21252 Work Order: **1305642**

Dear Vanessa,

ALS Environmental received 7 samples on 02-Apr-2013 through 23-Apr-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 44.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Jumoke M. Lawal

Bernadette A. Fini
Project Manager

Certificate No: TX: T104704231-12-10

ALS Environmental

Date: 21-May-13

Client: Exide Technologies
Project: Exide Decon/Demo 21252
Work Order: **1305642**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1305642-01	Rock/Soil Stockpile	Solid		3/30/2013 13:15	4/2/2013 09:10	☐
1305642-02	Blast Feed Room Fibreglass	Solid		4/9/2013 13:20	4/10/2013 09:15	☐
1305642-03	Refining Office Floor	Solid		4/16/2013 14:25	4/17/2013 09:10	☐
1305642-04	Boneyard Sand/Gravel	Solid		4/16/2013 10:05	4/17/2013 09:10	☐
1305642-05	Plant IDW001	Solid		4/19/2013 15:30	4/23/2013 09:15	☐
1305642-06	VCP IDW001	Solid		4/20/2013 11:40	4/23/2013 09:15	☐
1305642-07	LF IDW001	Solid		4/19/2013 15:54	4/23/2013 09:15	☐

Client: Exide Technologies
Project: Exide Decon/Demo 21252
Work Order: 1305642

Case Narrative

Per client request on April 15, 2013, sample listed below were re-logged for TCLP Metals analysis originally logged in under the following work order numbers:

1304321-02 Rock/Soil Stockpile
1304374-02 Blast Feed Room Fiberglass
1304648-03 Refining Office Floor
1304648-04 Boneyard Sand/Gravel
1304855-01 Plant IDW
1304856-01 VCP IDW
1304857-01 LF IDW

The first four samples listed above were outside method holding time for TCLP Mercury and will be resampled and resubmitted for analysis.

Batch 69484, TCLP Metals Method 1311/6020, Sample 1304841-02: MS/MSD and DUP is for an unrelated sample.

ALS Environmental

Date: *21-May-13*

Client: Exide Technologies
Project: Exide Decon/Demo 21252
Sample ID: LF IDW001
Collection Date: 4/19/2013 03:54 PM

Work Order: 1305642
Lab ID: 1305642-07
Matrix: SOLID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP MERCURY		Method: **SW7470**			Leachate: SW1311 / 4/24/13 Prep: SW7470 / 5/16/13	Analyst: **OFO**	
Mercury	U		0.0000420	0.000200	mg/L	1	5/16/2013 15:50
TCLP METALS		Method: **SW1311/6020**			Leachate: SW1311 / 4/24/13 Prep: SW3010A / 4/24/13	Analyst: **KCC**	
Arsenic	U		0.0100	0.0500	mg/L	10	5/15/2013 14:50
Barium	**0.646**		**0.00900**	**0.0500**	**mg/L**	10	5/15/2013 14:50
Chromium	U		0.0100	0.0500	mg/L	10	5/15/2013 14:50
Selenium	U		0.0100	0.0500	mg/L	10	5/15/2013 14:50
Silver	U		0.00800	0.0500	mg/L	10	5/15/2013 14:50
TCLP MISCELLANEOUS METALS		Method: **SW1311/6020**			Leachate: SW1311 / 4/24/13 Prep: SW3010A / 4/24/13	Analyst: **KCC**	
Antimony	U		0.00800	0.0500	mg/L	10	5/15/2013 14:50
Beryllium	U		0.00700	0.0200	mg/L	10	5/15/2013 14:50
Nickel	**0.0358**	J	**0.0100**	**0.0500**	**mg/L**	10	5/15/2013 14:50

Note: See Qualifiers Page for a list of qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

MBLK Sample ID: **MBLKT1-042313-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:32 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193316** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.050								
Barium	0.01202	0.050								J
Chromium	U	0.050								
Selenium	0.01086	0.050								J
Silver	U	0.050								

MBLK Sample ID: **MBLKW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:37 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193317** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.050								
Barium	U	0.050								
Chromium	U	0.050								
Selenium	U	0.050								
Silver	U	0.050								

MBLK Sample ID: **MBLKT1-042313-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:32 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193355** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.050								
Beryllium	U	0.020								
Nickel	0.0241	0.050								J

MBLK Sample ID: **MBLKW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:37 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193356** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.050								
Beryllium	U	0.020								
Nickel	0.02238	0.050								J

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

LCS Sample ID: **MLCSW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:42 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193318** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.4809	0.050	0.5	0	96.2	80-120	0			
Barium	0.4902	0.050	0.5	0	98	80-120	0			
Chromium	0.4942	0.050	0.5	0	98.8	80-120	0			
Selenium	0.4913	0.050	0.5	0	98.3	80-120	0			
Silver	0.5283	0.050	0.5	0	106	80-120	0			

LCS Sample ID: **MLCSW4-042413-69484** Units: **mg/L** Analysis Date: **4/25/2013 01:42 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193357** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.4984	0.050	0.5	0	99.7	80-120	0			
Beryllium	0.4452	0.020	0.5	0	89	80-120	0			
Nickel	0.5137	0.050	0.5	0	103	80-120	0			

MS Sample ID: **1304841-02BMS** Units: **mg/L** Analysis Date: **4/25/2013 02:32 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193328** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5654	0.050	0.5	0.07456	98.2	75-125	0			
Barium	2.992	0.050	0.5	2.419	115	75-125	0			O
Chromium	0.5002	0.050	0.5	0.03081	93.9	75-125	0			
Selenium	0.5145	0.050	0.5	0.00619	102	75-125	0			
Silver	0.4585	0.050	0.5	0.000102	91.7	75-125	0			

MS Sample ID: **1304841-02BMS** Units: **mg/L** Analysis Date: **4/25/2013 02:32 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193367** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.4955	0.050	0.5	0.007323	97.6	75-125	0			
Beryllium	0.6457	0.020	0.5	0.001056	129	75-125	0			S
Nickel	0.5025	0.050	0.5	0.02827	94.8	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **69484** Instrument ID **ICPMS04** Method: **SW1311/6020**

MSD Sample ID: **1304841-02BMSD** Units: **mg/L** Analysis Date: **4/25/2013 02:37 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193329** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5464	0.050	0.5	0.07456	94.4	75-125	0.5654	3.42	20	
Barium	3.101	0.050	0.5	2.419	137	75-125	2.992	3.59	20	SO
Chromium	0.4916	0.050	0.5	0.03081	92.2	75-125	0.5002	1.72	20	
Selenium	0.5161	0.050	0.5	0.00619	102	75-125	0.5145	0.298	20	
Silver	0.4112	0.050	0.5	0.000102	82.2	75-125	0.4585	10.9	20	

MSD Sample ID: **1304841-02BMSD** Units: **mg/L** Analysis Date: **4/25/2013 02:37 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193368** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.4818	0.050	0.5	0.007323	94.9	75-125	0.4955	2.8	25	
Beryllium	0.642	0.020	0.5	0.001056	128	75-125	0.6457	0.579	25	S
Nickel	0.5006	0.050	0.5	0.02827	94.5	75-125	0.5025	0.379	25	

DUP Sample ID: **1304841-02BDUP** Units: **mg/L** Analysis Date: **4/25/2013 02:22 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193326** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.07531	0.050	0	0	0	0-0	0.07456	1	25	
Barium	2.481	0.050	0	0	0	0-0	2.419	2.55	25	
Chromium	0.03052	0.050	0	0	0	0-0	0.03081	0	25	J
Selenium	U	0.050	0	0	0	0-0	0.00619	0	25	
Silver	U	0.050	0	0	0	0-0	0.000102	0	25	

DUP Sample ID: **1304841-02BDUP** Units: **mg/L** Analysis Date: **4/25/2013 02:22 AM**
Client ID: Run ID: **ICPMS04_130424A** SeqNo: **3193365** Prep Date: **4/24/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.050	0	0	0	0-0	0.007323	0	25	
Beryllium	U	0.020	0	0	0	0-0	0.001056	0	25	
Nickel	0.03424	0.050	0	0	0	0-0	0.02827	0	25	J

The following samples were analyzed in this batch: 1305642-05A 1305642-06A 1305642-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Work Order: 1305642
Project: Exide Decon/Demo 21252

QC BATCH REPORT

Batch ID: **70046** Instrument ID **Mercury** Method: **SW7470**

MBLK Sample ID: **GBLKW2-051613-70046** Units: **mg/L** Analysis Date: **5/16/2013 03:18 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218419** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020								

MBLK Sample ID: **GBLKT1-051513-70046** Units: **mg/L** Analysis Date: **5/16/2013 03:32 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218425** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0			

LCS Sample ID: **GLCSW2-051613-70046** Units: **mg/L** Analysis Date: **5/16/2013 03:20 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218420** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00528	0.00020	0.005	0	106	80-120	0			

MS Sample ID: **1305643-01AMS** Units: **mg/L** Analysis Date: **5/16/2013 03:28 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218423** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00483	0.00020	0.005	0.000004	96.5	75-125	0			

MSD Sample ID: **1305643-01AMSD** Units: **mg/L** Analysis Date: **5/16/2013 03:30 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218424** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00487	0.00020	0.005	0.000004	97.3	75-125	0.00483	0.825	20	

DUP Sample ID: **1305643-01ADUP** Units: **mg/L** Analysis Date: **5/16/2013 03:24 PM**
Client ID: Run ID: **MERCURY_130516A** SeqNo: **3218422** Prep Date: **5/16/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0.000004	0	20	

The following samples were analyzed in this batch:

1305642-01A	1305642-02A	1305642-03A
1305642-04A	1305642-05A	1305642-06A
1305642-07A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Exide Technologies
Project: Exide Decon/Demo 21252
WorkOrder: **1305642**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **CENTERPOINT ENERGY HOUST** Date/Time Received: **09-May-13 08:20**

Work Order: **1305374** Received by: **PS**

Checklist completed by Paresh M. Giga (eSignature) 09-May-13 (Date) Reviewed by: Kristin M Brown (eSignature) 10-May-13 (Date)

Matrices: Soil
Carrier name: ALS.HS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.6c/2.6c C/U	IR1	
Cooler(s)/Kit(s):	4566		
Date/Time sample(s) sent to storage:	5/9/13 10:55		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **17-Apr-13 09:10**

Work Order: **1304648** Received by: **PMG**

Checklist completed by Paresh M. Giga (eSignature) 17-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 17-Apr-13 (Date)

Matrices: Soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.7c/21.7c C/U	IR1	
Cooler(s)/Kit(s):	4740		
Date/Time sample(s) sent to storage:	4/17/13 10:19		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304855** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):	5147		
Date/Time sample(s) sent to storage:	4/23/13 10:45		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304856** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	4/23/13 10:50		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **23-Apr-13 09:15**

Work Order: **1304857** Received by: **JBA**

Checklist completed by Robert D. Harris (eSignature) 23-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 23-Apr-13 (Date)

Matrices: soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.2c/21.2c c/u	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	4/23/13 10:55		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name: **EXIDE TECHNOLOGIES** Date/Time Received: **02-Apr-13 09:10**

Work Order: **1304051** Received by: **RDH**

Checklist completed by Johnnie B. Allen (eSignature) 02-Apr-13 (Date) Reviewed by: Bernadette A. Fini (eSignature) 22-May-13 (Date)

Matrices: soil/solid/sediment
Carrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	21.2 C/uc	IR 1	
Cooler(s)/Kit(s):	4757		
Date/Time sample(s) sent to storage:	4/2/13 15:03		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

1305642

EXIDE TECHNOLOGIES: Exide Technologies

Project: Exide Decon/Demo 21252

ALS Environmental

Chain of Custody Form

Page ____ of ____

COC ID: 40910

☐ Cincinnati, +1 513 73
☐ Everett, WA +1 425 35
☐ Fort Collins +1 970 49

ALS Project Manager:

Customer Information		Project Information			Parameter/Method Request for Analysis
Purchase Order	21252	Project Name	Exide Technologies	A	TCLP Lead & Cadmium
Work Order		Project Number	21252	B	Total Lead & Cadmium
Company Name	RSI	Bill To Company	RSI	C	Hold Remain Sample for Possible Add. Analysis
Send Report To	Normal Distribution	Invoice Attn.	Accounts Payable	D	
Address		Address	PO Box 587	E	
				F	
City/State/Zip		City/State/Zip	Independence KS 67301	G	
Phone		Phone		H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Refinery Office Debris	3-30-13	13:05	Debris	N/A	1	X		X	3	Day		TA				
2	Five Building Composite	3-30-13	13:10	Soil	N/A	1		X	X		Normal		TA				
3	Rock / Soil Stockpile	3-30-13	13:15	Rock/Soil	N/A	1		X	X		Normal		TA				
4	Asphalt Stockpile	3-30-13	13:20	Asphalt	N/A	1		X	X		Normal		TA				
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign

Shipment Method:

Required Turnaround Time: ☐ STD 10 WK Days ☐ 5 WK Days ☐ 3 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other ____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
Johnny Gillman	4-3-12	8:45		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler at Lab?
Shipped by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

QC Package: (Check Box Below)

- ☐ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: ____

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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Chain of Custody

1. [X] REGULAR Status

[ ] RUSH Status Requested - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 3-30-13 Purchase Order No. 21252

3. Company Name Remediation Services, inc.
Address PO Box 587
Independence, KS 67301
Person to Contact: Grant Sherwood
Telephone (620) 331-1200
Fax Telephone (620) 331-6216
E-mail Address gsherwood@rsi-ks.com
Billing Address (if different from above)

4. Quote No.
ALS Project Manager Paul Pope

5. Sample Collection
Sampling Site: Exide Frisco
Industrial Process: Decontamination and Demo
Date of Collection 3-30-13
Time Collected 13:15
Date of Shipment 3-30-13

Send Results to: gsherwood@rsi-ks.com, jrgillman@rsi-ks.com, vanessa.coleman@na.exide.com, droth@rsi-ks.com

Send Invoice to : strotter@rsi-ks.com

7. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
	Refining Office Debris	Debris	8 oz	NIOSH 7303 - Lead and Cadmium	
	Fire Building Composite	Soil	8 oz	NIOSH 7303 - Lead and Cadmium	
	Rock/Soil Stockpile	Soil/Rock	8 oz	NIOSH 7303 - Lead and Cadmium	
	Asphalt Stockpile	Asphalt	8 oz	NIOSH 7303 - Lead and Cadmium	

EX-DEMO = Project (Exide-Demolition)
YYMMDD = Sampling date (e.g., 11/01/2012 = 121101)
LOC = Sample Location (e.g. UW = Upwind, DW = Downwind)
XXX = E-BAM Monitor Sample Association – Last 3 digits of Serial Number,
QQ = Optional QA sample flag (TB = trip blank, FB = field blank, SC = duplicate)

Comments Rock/Soil and Asphalt stockpiles located North of Oxide building

Hold all samples for possible additional samples

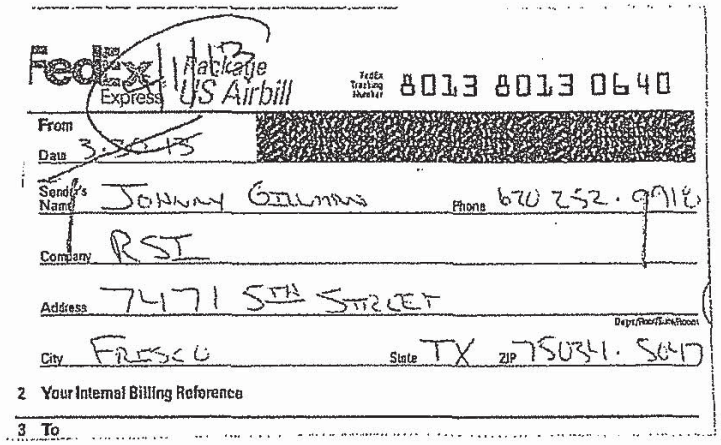
Possible Contamination and/or Chemical Hazards: Lead and cadmium

7. Chain of Custody (Optional)

Relinquished by Johnny Gillman Date/Time 03.30.13 18:0
Received by _____ Date/Time _____
Relinquished by _____ Date/Time _____
Received by _____ Date/Time 4/2/13 09

960 West LeVoy Drive / Salt Lake City, UT 84123 800-356-9135 or 801-266-7700 / FAX: 801-26
ALS Laboratory Group

1304321
EXIDE TECHNOLOGIES: Exide Technologies
Project: Exide Decon/Demo 21252



FedEx Express | Package U.S. Airbill

FedEx Tracking Number 8013 8013 0640

From

Date 3.30.13

Sender's Name JOHNNY GILLMAN Phone 620 252 . 9918

Company RSI

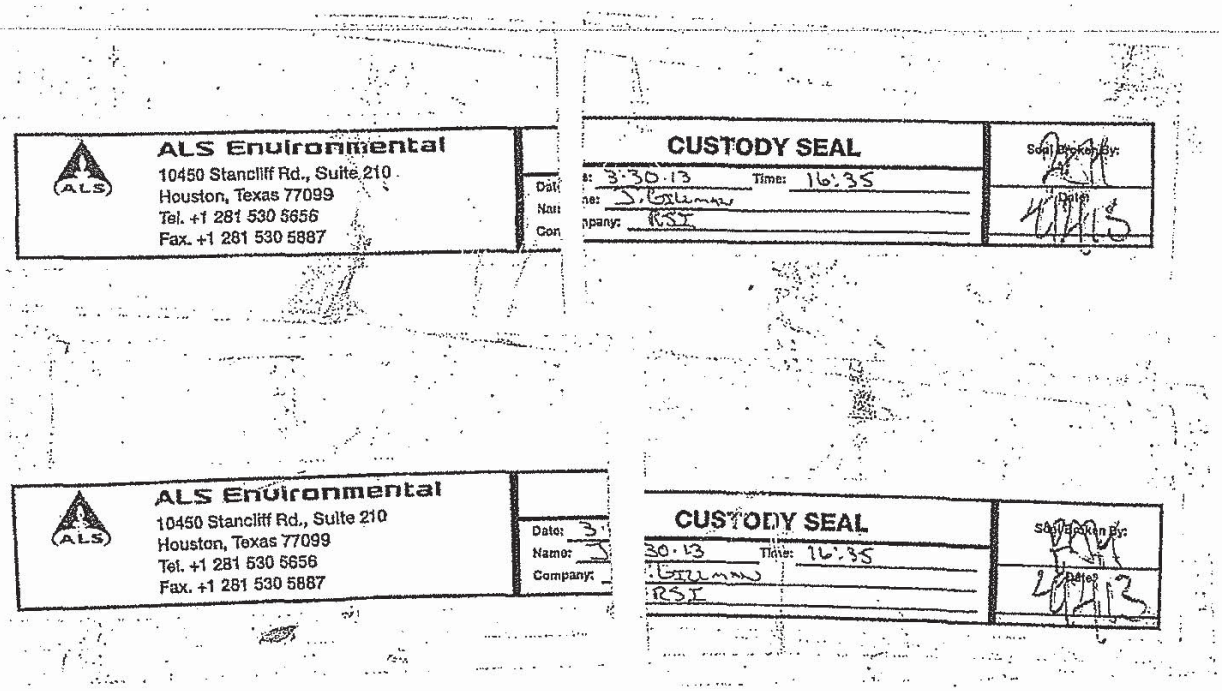
Address 7471 5TH STREET

Dept/Floor/Suite/Room

City FRISCO State TX ZIP 75034 . 5617

2 Your Internal Billing Reference

3 To



ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

CUSTODY SEAL

Date: 3.30.13 Time: 16:35

Name: J. GILLMAN

Company: RSI

Seal Broken By:

Date:

ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

CUSTODY SEAL

30.13 Time: 16:35

GILLMAN

RSI

Seal Broken By:

Date:

ALS Environmental

Chain of Custody Form

Page ____ of ____

COC ID: 38719

1304374

EXIDE TECHNOLOGIES: Exide Technologies

Project: Exide 20252

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	20267	Project Name	Exide	A	TCLP Lead & Cadmium
Work Order		Project Number	20252	B	Rush T.A.
Company Name	RSI / Exide	Bill To Company	RSI	C	Normal T.A.
Send Report To	Norma	Invoice Attn.	Shelli Trotter	D	
Address		Address		E	
				F	
City/State/Zip	Independence KS	City/State/Zip		G	
Phone	620-331-1200	Phone		H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Slag Treatment Building FG	4-9-13	12:42	Sld	NA	1	X	X									
2	Glass Feed Room Fiberglass	4-9-13	1:20	Sld	NA	1	X		X								
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other Asap

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
	4-9-13	2:05	Fed Ex	
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp:
	4/10/13	09:15	RW ALS	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check Box Below)

- ☐ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: _____

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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A12-1427

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10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

1304855

EXIDE TECHNOLOGIES: Exide Technologies

Project: Plant Drums

Page _____ of _____

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name		A	TCLP METALS PB+CD
Work Order	PLANT DRUMS	Project Number		B	HOLD REMAINDER
Company Name	RST	Bill To Company	EXIDE TECHNOLOGIES	C	
Send Report To	GRANT SHERWOOD	Invoice Attn	VANESSA COLEMAN	D	
Address	P.O. BOX 587	Address	7471 S. 5TH ST.	E	
				F	
City/State/Zip	INDEPENDENCE KS 67301	City/State/Zip	FRISCO, TX 75034	G	
Phone	620.331.1200	Phone	972.335.2121	H	
Fax	620.331.6216	Fax		I	
e-Mail Address	GSHERWOOD@RSE-KS.COM	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	KS PLANTDRUM001	4-19-13	15:30	SOIL	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: JONATHAN GILLMAN

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Other _____ ☐ STD 10 Wk Days ☐ 5 Wk Days ☑ 2 Wk Days ☐ 24 Hour

Results Due Date: 4.25.13

Relinquished by:	Date:	Time:	Received by:	Notes:
JONATHAN GILLMAN	4.22.13	19:00		
Relinquished by:	Date:	Time:	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp

QC Package: (Check One Box Below)
- ☑ Level II Std QC
- ☐ Level III Std QC/Raw Date
- ☐ Level IV SW846/CLP
- ☐ Other _____
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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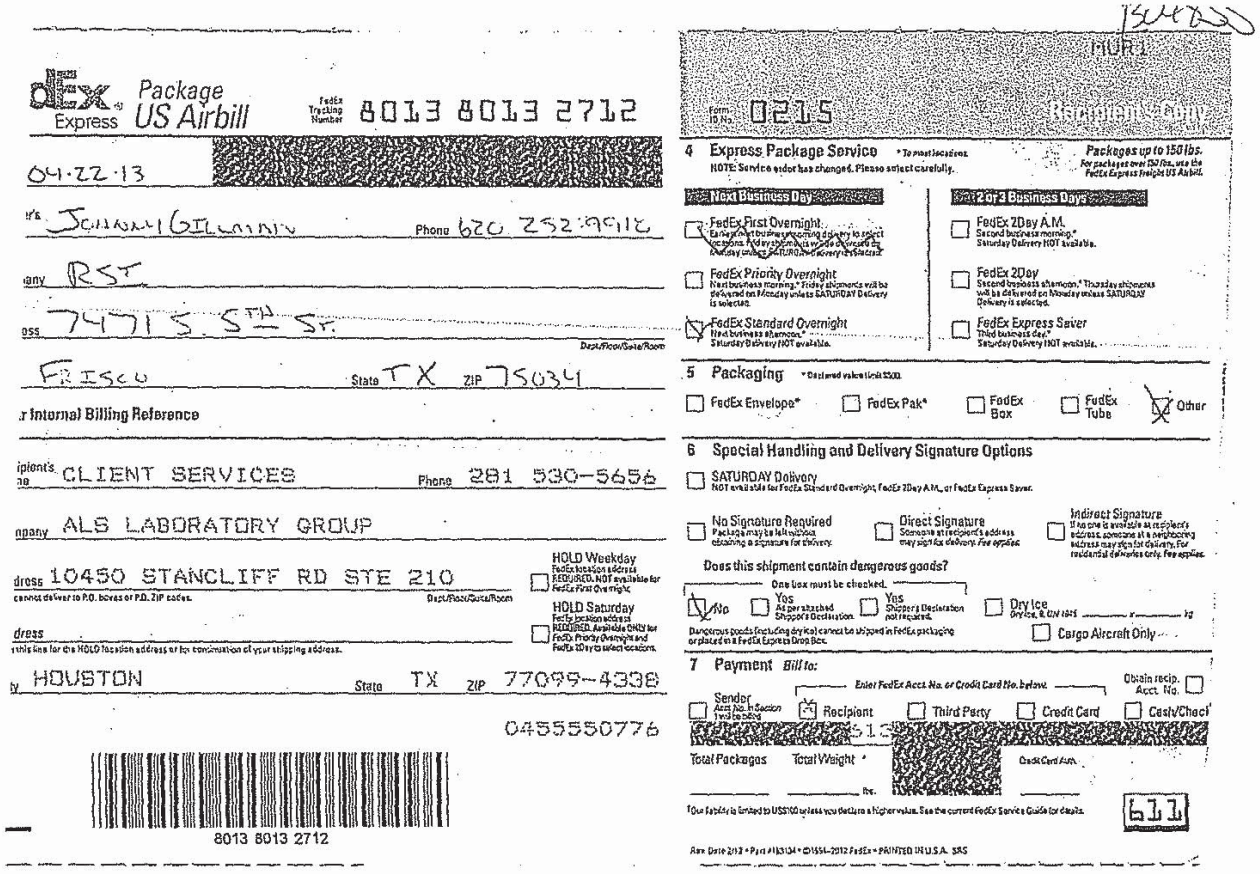
A12-1428



FedEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

04-22-13

From: JOHNNY GILLMAN Phone 620 252-9512

Company RST

Address 7475 S 5TH ST

Dept/Floor/Suite/Room

FRISCO State TX ZIP 75034

Your Internal Billing Reference

To: Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Address

For this line for the HOLD location address or for continuation of your shipping address.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

City HOUSTON State TX ZIP 77099-4338

0455550776

8013 8013 2712

Form No. 0215 Recipient Copy

4 Express Package Service * To most locations. NOTE: Service and/or fees have changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- FedEx First Overnight: Earliest next business morning delivery to select locations.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Priority Overnight: Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Standard Overnight: Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- FedEx 2Day A.M.: Second business morning.* Saturday Delivery NOT available.
- FedEx 2Day: Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver: Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required: Package may be left without obtaining a signature for delivery.

Direct Signature: Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature: If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

No Yes As per attached Shipper's Declaration Yes Shipper's Declaration not required Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No.

Sender Acct. No. in Section 1 will be billed Recipient Third Party Credit Card Cash/Check

Total Packages Total Weight * Credit Card Auth.

____ ____ lbs.

* Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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Chain of Custody Form

ALS Environmental

Page 1 of 1

COC ID: 41301

1304648

EXIDE TECHNOLOGIES: Exide Technologies

Project: Decon Demo 21252

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	21252	Project Name	Decon Demo	A	TCLP Lead and Cadmium
Work Order		Project Number	21252	B	Hold
Company Name	Exide Technologies	Bill To Company	RSE	C	
Send Report To	Vanessa Colenay.	Invoice Attn:	Shelli Trotter	D	
Address	7471 S. Fifth St.	Address	PO Box 587	E	
				F	
City/State/Zip	Frisco Tx	City/State/Zip	Independence KS 67301	G	
Phone	972-335-2121	Phone	620-331-1200	H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Battery Breaker MCC Room	4-16-13	2:43		NA	1	X	X									
2	Refining Control Room	4-16-13	2:35			1	X	X									
3	Refining office Floor	4-16-13	2:25			1	X	X									
4	Boneyard Sand / Gravel	4-16-13	10:05			1	X	X									
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: Bryan Mecom

Shipment Method: Fed Ex

Required Turnaround Time: ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
Bryan Mecom	4/16/13	1458		Concrete Blocks from Buildings described above.
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp.
	4-16-13	15:05	4.17.13. 0910.	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check Box Below)

- ☐ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: _____

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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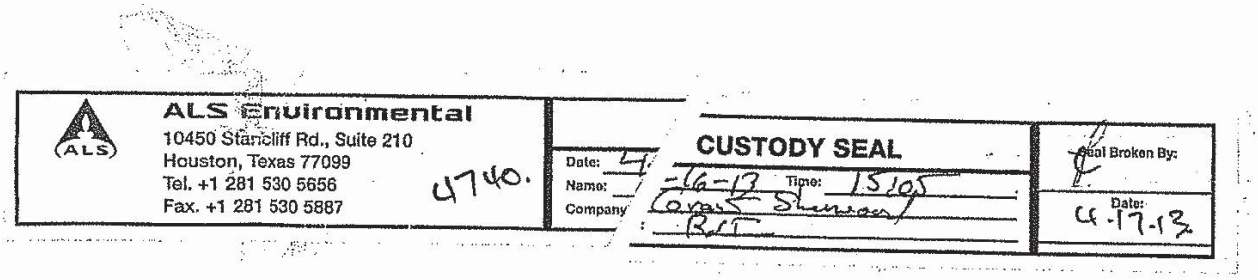
#4740.

A12-1430



ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

4740.

CUSTODY SEAL

Date: 4-16-13 Time: 1515
Name: Cavas Shannon
Company: RST

Seal Broken By:
Date: 4-17-13

4-16-13 FedEx Tracking Number 801056311577

Sender's Name Cavas Sherwood Phone 620 331-1200

Company RST

Address 2735 S. 10th St. Trlr 5 Dept/Floor/Suite/Room

Independence State KS ZIP 67301

Your Internal Billing Reference 21252

ALS Environmental

Chain of Custody Form

Page ____ of ____

COC ID: 41093

Cincinnati, OH +1 [redacted]336

Everett, WA +1 4[redacted]2600

Fort Collins, CO +1 970 490 1511

1304856

EXIDE TECHNOLOGIES: Exide Technologies

Project: VCP Drums

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	[redacted]	Project Name		A	TCLP METALS PB & CD
Work Order	VCP DRUMS	Project Number		B	HOLD REMAINDER
Company Name	RSI	Bill To Company	EXIDE TECHNOLOGIES	C	
Send Report To	GRANT SHERWOOD	Invoice Attn.	VANESSA GUERRERO	D	
Address	P.O. 587	Address	7471 S. 5TH ST.	E	
				F	
City/State/Zip	INDEPENDENCE, KS 67301	City/State/Zip	FRESNO, TX 75034	G	
Phone	620-331-1200	Phone	972-335-2121	H	
Fax	620-331-6216	Fax		I	
e-Mail Address	GSHERWOOD@RSI-KS.COM	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	VCP IDW 001	4-20-13	11:40	SOIL	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: JOHNNY GUERRERO

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour ☐ Other ____

Results Due Date: 4-25-13

Relinquished by:	Date:	Time:	Received by:	Notes:
J. GUERRERO	4-22-13	19:00	[signature] 4/23/13 0915	
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

QC Package: (Check Box Below)

- X Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: ____

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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A12-1432

1304856

MUR 1

Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

Form ID No. 0215

From

Date 04·22·13

Sender's Name JOHNNY GILLMAN Phone 620 252-9911

Company RST

Address 74715 5TH ST.

Dept./Floor/Suite/Room

City FRISCO State TX ZIP 75034

2 Your Internal Billing Reference

3 To

Recipient's Name CLIENT SERVICES Phone 281 530-5656

Company ALS LABORATORY GROUP

Address 10450 STANCLIFF RD STE 210

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

City HOUSTON State TX ZIP 77099-4338

0455550776

8013 8013 2712

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight or US Airbill.

Next Business Day

- FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [X] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500

FedEx Envelope* | FedEx Pak* | FedEx Box | FedEx Tubes | [X] Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required — Package may be left without obtaining a signature for delivery.

Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

[X] No | Yes As per attached Shipper's Declaration | Yes Shipper's Declaration not required | Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No.

Sender Acct. No. in Section 1 will be billed | [X] Recipient | Third Party | Credit Card | Cash/Check

[redacted]13

Total Packages | Total Weight | Credit Card Auth.

____ ____ lbs.

____

*Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Chain of Custody Form

Page ____ of ____

COC ID: 38724

☐ Cincinnati, OH +1 513 733 5336
☐ Everett, WA +1 425 356 2600
☐ Fort Collins, CO +1 970 490 1511

1304857

EXIDE TECHNOLOGIES: Exide Technologies

Project: Landfill Drums

ALS Project Manager:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	TCLP METALS PB+CD
Work Order	LANDFILL DRUMS	Project Number		B	HOLD REMAINDER
Company Name	RSI	Bill To Company	EXIDE TECHNOLOGIES	C	
Send Report To	GRANT SHERWOOD	Invoice Attn:	VANESSA COLEMAN	D	
Address	P.O. BOX 987	Address	7471 S. 5TH ST.	E	
				F	
City/State/Zip	INDEPENDENCE, KS 67301	City/State/Zip	FRISCO, TX 75034	G	
Phone	620 331 1200	Phone	972 335 2121	H	
Fax	620 331 6716	Fax		I	
e-Mail Address	GSHERWOOD@RSIEK.COM	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	LF IDW CO1	4.19.13	15:54	SOIL	N/A	1	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: JOHNNY GILLMAN

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☒ 2 Wk Days ☐ 24 Hour ☐ Other ____

Results Due Date: 4.25.13

Relinquished by:	Date:	Time:	Received by:	Notes:
JOHNNY GILLMAN	4.22.13	19:00		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

QC Package: (Check Box Below)

- ☒ Level II: Standard QC
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ Other: ____

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

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A12-1434

FedEx Express Package US Airbill

FedEx Tracking Number 8013 8013 2712

Form ID No. 0215

04.22.13

r's Johnny Gilmore Phone 620 252-9918

pany RST

ess 7471 S 5TH St.

Dept/Floor/Suite/Room

Fisco State TX ZIP 75034

r Internal Billing Reference

ipient's ne CLIENT SERVICES Phone 281 530-5656

npany ALS LABORATORY GROUP

dress 10450 STANCLIFF RD STE 210

annot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

dress

Use this line for the HOLD location address or for continuation of your shipping address.

y HOUSTON State TX ZIP 77099-4338

0455550776

8013 8013 2712

4 Express Package Service * To most locations. NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Priority shipments will be delivered on Monday unless SATURDAY Delivery is selected.	☐ FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
☐ FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	☐ FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
☒ FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required Package may be left without obtaining a signature for delivery.

☐ Direct Signature Someone at recipient's address may sign for delivery. Fee applies.

☐ Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No ☐

☐ Sender Acct. No in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages ____ Total Weight * ____ lbs. Credit Card Auth. ____

*Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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APPENDIX 12.3
APAR PHASE II IDW CHARACTERIZATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-91122-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
Golder Associates Inc.
500 Century Plaza Drive
Suite 190
Houston, Texas 77073

Attn: Christina Higginbotham

Dean A. Joiner

Authorized for release by:
5/6/2014 11:03:36 PM

Dean Joiner, Project Manager II
(713)690-4444
dean.joiner@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Method Summary 4
Sample Summary 5
Client Sample Results 6
Definitions/Glossary 13
QC Sample Results 14
Default Detection Limits 29
QC Association Summary 30
Lab Chronicle 38
Certification Summary 43
Chain of Custody 44
Receipt Checklists 47

Job ID: 600-91122-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-91122-1

Comments
No additional comments.

Receipt
The samples were received on 4/26/2014 11:41 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.0º C and 5.3º C.

Metals
Method(s) 6010B: The continuing calibration verification (CCV) associated with batch 133346 recovered above the upper control limit for beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 600-133346/41).

No other analytical or quality issues were noted.

General Chemistry
Method(s) 9040B, 9045C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: (600-90705-1 DU), (CCV 600-133282/13), (CCV 600-133282/25), (LCS 600-133282/1), 2014-IDW-Soil- 001 (600-91122-1), 2014-IDW-Soil- 002 (600-91122-2), 2014-IDW-Soil- 003 (600-91122-3), 2014-IDW-Soil- 004 (600-91122-4), Flume 5 (600-90705-1).

No other analytical or quality issues were noted.

Method Summary

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
7470A	Mercury (CVAA)	SW846	TAL HOU
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL HOU
7.4.4	Reactive Sulfide	EPA	TAL HOU
9012	Cyanide, Reactive	SW846	TAL HOU
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL HOU
9040B	pH	SW846	TAL HOU
9045C	Corrosivity	SW846	TAL HOU
D92	Flashpoint	ASTM	TAL HOU

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-91122-1	2014-IDW-Soil- 001	Solid	04/25/14 10:07	04/26/14 11:41
600-91122-2	2014-IDW-Soil- 002	Solid	04/25/14 11:15	04/26/14 11:41
600-91122-3	2014-IDW-Soil- 003	Solid	04/25/14 11:45	04/26/14 11:41
600-91122-4	2014-IDW-Soil- 004	Solid	04/25/14 12:25	04/26/14 11:41
600-91122-5	2014-IDW-Soil- 005	Solid	04/25/14 13:15	04/26/14 11:41
600-91122-6	2014-IDW-Soil- 006	Solid	04/25/14 13:55	04/26/14 11:41
600-91122-7	2014-IDW-Soil 007	Solid	04/25/14 14:40	04/26/14 11:41
600-91122-8	2014-IDW-Soil 008	Solid	04/25/14 16:50	04/26/14 11:41
600-91122-9	2014-IDW-Water 001	Water	04/25/14 15:15	04/26/14 11:41
600-91122-10	2014-IDW-Water- 002	Water	04/25/14 16:30	04/26/14 11:41
600-91122-11	2014-IDW-Water- 003	Water	04/25/14 15:55	04/26/14 11:41
600-91122-12	2014-IDW-Core-001	Solid	04/25/14 17:20	04/26/14 11:41

Client Sample ID: 2014-IDW-Soil- 001

Lab Sample ID: 600-91122-1

Date Collected: 04/25/14 10:07

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/29/14 14:57	04/30/14 12:47	1
Arsenic	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:47	1
Barium	**0.39**		0.20		mg/L		04/29/14 14:57	04/30/14 12:47	1
Beryllium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 12:47	1
Cadmium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 12:47	1
Chromium	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:47	1
Lead	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:47	1
Nickel	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:47	1
Selenium	ND		0.40		mg/L		04/29/14 14:57	04/30/14 12:47	1
Silver	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:47	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		04/30/14 05:24	04/30/14 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.56**		0.0100		SU			04/30/14 10:40	1
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil- 002

Lab Sample ID: 600-91122-2

Date Collected: 04/25/14 11:15

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/29/14 14:57	04/30/14 12:49	1
Arsenic	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:49	1
Barium	**0.66**		0.20		mg/L		04/29/14 14:57	04/30/14 12:49	1
Beryllium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 12:49	1
Cadmium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 12:49	1
Chromium	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:49	1
Lead	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:49	1
Nickel	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:49	1
Selenium	ND		0.40		mg/L		04/29/14 14:57	04/30/14 12:49	1
Silver	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		04/30/14 05:24	04/30/14 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.54**		0.0100		SU			04/30/14 10:40	1

Client Sample ID: 2014-IDW-Soil- 002

Lab Sample ID: 600-91122-2

Date Collected: 04/25/14 11:15

Matrix: Solid

Date Received: 04/26/14 11:41

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil- 003

Lab Sample ID: 600-91122-3

Date Collected: 04/25/14 11:45

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/29/14 14:57	04/30/14 12:58	1
Arsenic	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:58	1
Barium	**0.55**		0.20		mg/L		04/29/14 14:57	04/30/14 12:58	1
Beryllium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 12:58	1
Cadmium	**0.36**		0.050		mg/L		04/29/14 14:57	04/30/14 12:58	1
Chromium	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:58	1
Lead	**1.6**		0.10		mg/L		04/29/14 14:57	04/30/14 12:58	1
Nickel	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:58	1
Selenium	ND		0.40		mg/L		04/29/14 14:57	04/30/14 12:58	1
Silver	ND		0.10		mg/L		04/29/14 14:57	04/30/14 12:58	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		04/30/14 05:24	04/30/14 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.72**		0.0100		SU			04/30/14 10:40	1
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil- 004

Lab Sample ID: 600-91122-4

Date Collected: 04/25/14 12:25

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/30/14 11:40	05/01/14 11:15	1
Arsenic	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:15	1
Barium	**0.71**	**^**	0.20		mg/L		04/30/14 11:40	05/01/14 11:15	1
Beryllium	ND	^	0.050		mg/L		04/30/14 11:40	05/01/14 11:15	1
Cadmium	ND		0.050		mg/L		04/30/14 11:40	05/01/14 11:15	1
Chromium	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:15	1
Lead	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:15	1
Nickel	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:15	1
Selenium	ND		0.40		mg/L		04/30/14 11:40	05/01/14 11:15	1
Silver	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:15	1

Client Sample ID: 2014-IDW-Soil- 004 — Lab Sample ID: 600-91122-4

Date Collected: 04/25/14 12:25 **Matrix: Solid**
Date Received: 04/26/14 11:41

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 11:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.72**		0.0100		SU			04/30/14 10:40	1
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil- 005 — Lab Sample ID: 600-91122-5

Date Collected: 04/25/14 13:15 **Matrix: Solid**
Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/30/14 11:40	05/01/14 11:18	1
Arsenic	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:18	1
Barium	**0.55**	**^**	0.20		mg/L		04/30/14 11:40	05/01/14 11:18	1
Beryllium	ND	^	0.050		mg/L		04/30/14 11:40	05/01/14 11:18	1
Cadmium	ND		0.050		mg/L		04/30/14 11:40	05/01/14 11:18	1
Chromium	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:18	1
Lead	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:18	1
Nickel	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:18	1
Selenium	ND		0.40		mg/L		04/30/14 11:40	05/01/14 11:18	1
Silver	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:18	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 11:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.78**		0.0100		SU			05/01/14 08:05	1
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil- 006 — Lab Sample ID: 600-91122-6

Date Collected: 04/25/14 13:55 **Matrix: Solid**
Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/30/14 11:40	05/01/14 11:20	1
Arsenic	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:20	1
Barium	**0.49**	**^**	0.20		mg/L		04/30/14 11:40	05/01/14 11:20	1
Beryllium	ND	^	0.050		mg/L		04/30/14 11:40	05/01/14 11:20	1
Cadmium	ND		0.050		mg/L		04/30/14 11:40	05/01/14 11:20	1

Client Sample ID: 2014-IDW-Soil- 006

Lab Sample ID: 600-91122-6

Date Collected: 04/25/14 13:55

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:20	1
Lead	**0.15**		0.10		mg/L		04/30/14 11:40	05/01/14 11:20	1
Nickel	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:20	1
Selenium	ND		0.40		mg/L		04/30/14 11:40	05/01/14 11:20	1
Silver	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:20	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 11:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.54**		0.0100		SU			05/01/14 08:05	1
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil 007

Lab Sample ID: 600-91122-7

Date Collected: 04/25/14 14:40

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/30/14 11:40	05/01/14 11:22	1
Arsenic	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:22	1
Barium	**0.48**	**^**	0.20		mg/L		04/30/14 11:40	05/01/14 11:22	1
Beryllium	ND	^	0.050		mg/L		04/30/14 11:40	05/01/14 11:22	1
Cadmium	ND		0.050		mg/L		04/30/14 11:40	05/01/14 11:22	1
Chromium	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:22	1
Lead	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:22	1
Nickel	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:22	1
Selenium	ND		0.40		mg/L		04/30/14 11:40	05/01/14 11:22	1
Silver	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:22	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 11:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 20:19	05/01/14 21:08	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 20:19	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.12**		0.0100		SU			05/01/14 08:05	1
Flashpoint	**>212**		1.00		Degrees F			05/02/14 09:30	1

Client Sample ID: 2014-IDW-Soil 008

Lab Sample ID: 600-91122-8

Date Collected: 04/25/14 16:50

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/30/14 11:40	05/01/14 11:25	1
Arsenic	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:25	1
Barium	**0.98**	**^**	0.20		mg/L		04/30/14 11:40	05/01/14 11:25	1
Beryllium	ND	^	0.050		mg/L		04/30/14 11:40	05/01/14 11:25	1
Cadmium	ND		0.050		mg/L		04/30/14 11:40	05/01/14 11:25	1
Chromium	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:25	1
Lead	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:25	1
Nickel	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:25	1
Selenium	ND		0.40		mg/L		04/30/14 11:40	05/01/14 11:25	1
Silver	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:25	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 20:19	05/01/14 21:12	1
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 20:19	05/01/14 22:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.58**		0.0100		SU			05/01/14 08:05	1
Flashpoint	**>212**		1.00		Degrees F			05/03/14 09:45	1

Client Sample ID: 2014-IDW-Water 001

Lab Sample ID: 600-91122-9

Date Collected: 04/25/14 15:15

Matrix: Water

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		04/30/14 08:56	04/30/14 15:49	1
Arsenic	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:49	1
Barium	**0.061**		0.020		mg/L		04/30/14 08:56	04/30/14 15:49	1
Beryllium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:49	1
Cadmium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:49	1
Chromium	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:49	1
Lead	**0.036**		0.010		mg/L		04/30/14 08:56	04/30/14 15:49	1
Nickel	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:49	1
Selenium	ND		0.040		mg/L		04/30/14 08:56	04/30/14 15:49	1
Silver	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/30/14 05:22	04/30/14 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		250		ug/L		04/30/14 06:35	05/01/14 11:12	1
Sulfide, Reactive	ND		50		mg/L		04/30/14 06:35	04/30/14 20:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00		Degrees F			04/29/14 10:45	1

Client Sample ID: 2014-IDW-Water 001

Lab Sample ID: 600-91122-9

Date Collected: 04/25/14 15:15
Matrix: Water
Date Received: 04/26/14 11:41

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.66	H	0.0100		SU			05/01/14 08:05	1

Client Sample ID: 2014-IDW-Water- 002

Lab Sample ID: 600-91122-10

Date Collected: 04/25/14 16:30
Matrix: Water
Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		04/30/14 08:56	04/30/14 15:52	1
Arsenic	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:52	1
Barium	0.077		0.020		mg/L		04/30/14 08:56	04/30/14 15:52	1
Beryllium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:52	1
Cadmium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:52	1
Chromium	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:52	1
Lead	0.012		0.010		mg/L		04/30/14 08:56	04/30/14 15:52	1
Nickel	0.014		0.010		mg/L		04/30/14 08:56	04/30/14 15:52	1
Selenium	ND		0.040		mg/L		04/30/14 08:56	04/30/14 15:52	1
Silver	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/30/14 05:22	04/30/14 09:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		250		ug/L		04/30/14 06:35	05/01/14 11:12	1
Sulfide, Reactive	ND		50		mg/L		04/30/14 06:35	04/30/14 20:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00		Degrees F			05/01/14 07:25	1
pH	7.99	H	0.0100		SU			05/01/14 08:05	1

Client Sample ID: 2014-IDW-Water- 003

Lab Sample ID: 600-91122-11

Date Collected: 04/25/14 15:55
Matrix: Water
Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		04/30/14 08:56	04/30/14 15:54	1
Arsenic	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:54	1
Barium	0.046		0.020		mg/L		04/30/14 08:56	04/30/14 15:54	1
Beryllium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:54	1
Cadmium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:54	1
Chromium	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:54	1
Lead	0.070		0.010		mg/L		04/30/14 08:56	04/30/14 15:54	1
Nickel	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:54	1
Selenium	ND		0.040		mg/L		04/30/14 08:56	04/30/14 15:54	1
Silver	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:54	1

Client Sample ID: 2014-IDW-Water- 003

Lab Sample ID: 600-91122-11

Date Collected: 04/25/14 15:55

Matrix: Water

Date Received: 04/26/14 11:41

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/30/14 05:22	04/30/14 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		250		ug/L		04/30/14 06:35	05/01/14 11:12	1
Sulfide, Reactive	ND		50		mg/L		04/30/14 06:35	04/30/14 20:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00		Degrees F			05/01/14 07:25	1
pH	**7.92**	**H**	0.0100		SU			05/01/14 16:53	1

Client Sample ID: 2014-IDW-Core-001

Lab Sample ID: 600-91122-12

Date Collected: 04/25/14 17:20

Matrix: Solid

Date Received: 04/26/14 11:41

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		05/01/14 13:19	05/02/14 12:17	1
Arsenic	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:17	1
Barium	**0.41**		0.20		mg/L		05/01/14 13:19	05/02/14 12:17	1
Beryllium	ND		0.050		mg/L		05/01/14 13:19	05/02/14 12:17	1
Cadmium	ND		0.050		mg/L		05/01/14 13:19	05/02/14 12:17	1
Chromium	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:17	1
Lead	**0.24**		0.10		mg/L		05/01/14 13:19	05/02/14 12:17	1
Nickel	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:17	1
Selenium	ND		0.40		mg/L		05/01/14 13:19	05/02/14 12:17	1
Silver	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:17	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/02/14 12:23	05/02/14 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/03/14 09:12	05/05/14 21:30	1
Cyanide, Reactive	ND		250		ug/Kg		05/03/14 09:12	05/06/14 11:27	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**12.1**		0.0100		SU			05/01/14 16:53	1
Flashpoint	**>212**		1.00		Degrees F			05/03/14 09:45	1

Qualifiers

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-133156/1-A
Matrix: Solid
Analysis Batch: 133240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		04/29/14 14:57	04/30/14 11:37	1
Arsenic	ND		0.010		mg/L		04/29/14 14:57	04/30/14 11:37	1
Barium	ND		0.020		mg/L		04/29/14 14:57	04/30/14 11:37	1
Beryllium	ND		0.0050		mg/L		04/29/14 14:57	04/30/14 11:37	1
Cadmium	ND		0.0050		mg/L		04/29/14 14:57	04/30/14 11:37	1
Chromium	ND		0.010		mg/L		04/29/14 14:57	04/30/14 11:37	1
Lead	ND		0.010		mg/L		04/29/14 14:57	04/30/14 11:37	1
Nickel	ND		0.010		mg/L		04/29/14 14:57	04/30/14 11:37	1
Selenium	ND		0.040		mg/L		04/29/14 14:57	04/30/14 11:37	1
Silver	ND		0.010		mg/L		04/29/14 14:57	04/30/14 11:37	1

Lab Sample ID: LCS 600-133156/2-A
Matrix: Solid
Analysis Batch: 133240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.507		mg/L		101	80 - 120
Arsenic	0.500	0.512		mg/L		102	80 - 120
Barium	0.500	0.543		mg/L		109	80 - 120
Beryllium	0.500	0.536		mg/L		107	80 - 120
Cadmium	0.500	0.527		mg/L		105	80 - 120
Chromium	0.500	0.536		mg/L		107	80 - 120
Lead	0.500	0.508		mg/L		102	80 - 120
Nickel	0.500	0.506		mg/L		101	80 - 120
Selenium	0.500	0.512		mg/L		102	80 - 120
Silver	0.250	0.260		mg/L		104	80 - 120

Lab Sample ID: MB 600-133214/1-A
Matrix: Water
Analysis Batch: 133240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133214

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		04/30/14 08:56	04/30/14 15:36	1
Arsenic	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:36	1
Barium	ND		0.020		mg/L		04/30/14 08:56	04/30/14 15:36	1
Beryllium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:36	1
Cadmium	ND		0.0050		mg/L		04/30/14 08:56	04/30/14 15:36	1
Chromium	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:36	1
Lead	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:36	1
Nickel	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:36	1
Selenium	ND		0.040		mg/L		04/30/14 08:56	04/30/14 15:36	1
Silver	ND		0.010		mg/L		04/30/14 08:56	04/30/14 15:36	1

Lab Sample ID: LCS 600-133214/2-A
Matrix: Water
Analysis Batch: 133240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133214

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.513		mg/L		103	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 600-133214/2-A
Matrix: Water
Analysis Batch: 133240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133214

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.529		mg/L		106	80 - 120
Barium	0.500	0.493		mg/L		99	80 - 120
Beryllium	0.500	0.484		mg/L		97	80 - 120
Cadmium	0.500	0.517		mg/L		103	80 - 120
Chromium	0.500	0.512		mg/L		102	80 - 120
Lead	0.500	0.533		mg/L		107	80 - 120
Nickel	0.500	0.527		mg/L		105	80 - 120
Selenium	0.500	0.518		mg/L		104	80 - 120
Silver	0.250	0.268		mg/L		107	80 - 120

Lab Sample ID: 600-91183-C-1-C MS
Matrix: Water
Analysis Batch: 133240

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133214

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.500	0.513		mg/L		103	75 - 125
Arsenic	0.016		0.500	0.570		mg/L		111	75 - 125
Barium	0.30		0.500	0.794		mg/L		98	75 - 125
Beryllium	ND		0.500	0.492		mg/L		98	75 - 125
Cadmium	ND		0.500	0.535		mg/L		107	75 - 125
Chromium	ND		0.500	0.518		mg/L		103	75 - 125
Lead	ND		0.500	0.546		mg/L		109	75 - 125
Nickel	ND		0.500	0.545		mg/L		108	75 - 125
Selenium	0.16		0.500	0.687		mg/L		106	75 - 125
Silver	ND		0.250	0.292		mg/L		117	75 - 125

Lab Sample ID: 600-91183-C-1-D MSD
Matrix: Water
Analysis Batch: 133240

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 133214

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.500	0.507		mg/L		101	75 - 125	1	20
Arsenic	0.016		0.500	0.563		mg/L		109	75 - 125	1	20
Barium	0.30		0.500	0.797		mg/L		99	75 - 125	0	20
Beryllium	ND		0.500	0.493		mg/L		99	75 - 125	0	20
Cadmium	ND		0.500	0.535		mg/L		107	75 - 125	0	20
Chromium	ND		0.500	0.521		mg/L		104	75 - 125	1	20
Lead	ND		0.500	0.546		mg/L		109	75 - 125	0	20
Nickel	ND		0.500	0.544		mg/L		108	75 - 125	0	20
Selenium	0.16		0.500	0.687		mg/L		106	75 - 125	0	20
Silver	ND		0.250	0.291		mg/L		116	75 - 125	0	20

Lab Sample ID: 600-91183-C-1-B DU
Matrix: Water
Analysis Batch: 133240

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 133214

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND		ND		mg/L		NC	20
Arsenic	0.016		0.0147		mg/L		6	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-91183-C-1-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 133240 — **Prep Batch: 133214**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Barium	0.30			0.299		mg/L				1	20
Beryllium	ND			ND		mg/L				NC	20
Cadmium	ND			ND		mg/L				NC	20
Chromium	ND			ND		mg/L				NC	20
Lead	ND			ND		mg/L				NC	20
Nickel	ND			ND		mg/L				NC	20
Selenium	0.16			0.154		mg/L				3	20
Silver	ND			ND		mg/L				NC	20

Lab Sample ID: MB 600-133243/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133346 — **Prep Batch: 133243**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		04/30/14 11:40	05/01/14 10:34	1
Arsenic	ND		0.010		mg/L		04/30/14 11:40	05/01/14 10:34	1
Barium	ND		0.020		mg/L		04/30/14 11:40	05/01/14 10:34	1
Beryllium	ND		0.0050		mg/L		04/30/14 11:40	05/01/14 10:34	1
Cadmium	ND		0.0050		mg/L		04/30/14 11:40	05/01/14 10:34	1
Chromium	ND		0.010		mg/L		04/30/14 11:40	05/01/14 10:34	1
Lead	ND		0.010		mg/L		04/30/14 11:40	05/01/14 10:34	1
Nickel	ND		0.010		mg/L		04/30/14 11:40	05/01/14 10:34	1
Selenium	ND		0.040		mg/L		04/30/14 11:40	05/01/14 10:34	1
Silver	ND		0.010		mg/L		04/30/14 11:40	05/01/14 10:34	1

Lab Sample ID: LCS 600-133243/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133346 — **Prep Batch: 133243**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			0.500	0.523		mg/L		105	80 - 120		
Arsenic			0.500	0.526		mg/L		105	80 - 120		
Barium			0.500	0.547		mg/L		109	80 - 120		
Beryllium			0.500	0.550		mg/L		110	80 - 120		
Cadmium			0.500	0.536		mg/L		107	80 - 120		
Chromium			0.500	0.527		mg/L		105	80 - 120		
Lead			0.500	0.521		mg/L		104	80 - 120		
Nickel			0.500	0.523		mg/L		105	80 - 120		
Selenium			0.500	0.527		mg/L		105	80 - 120		
Silver			0.250	0.263		mg/L		105	80 - 120		

Lab Sample ID: MB 600-133371/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133449 — **Prep Batch: 133371**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.050		mg/L		05/01/14 13:19	05/02/14 12:03	1
Arsenic	ND		0.010		mg/L		05/01/14 13:19	05/02/14 12:03	1
Barium	ND		0.020		mg/L		05/01/14 13:19	05/02/14 12:03	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 600-133371/1-A
Matrix: Solid
Analysis Batch: 133449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0050		mg/L		05/01/14 13:19	05/02/14 12:03	1
Cadmium	ND		0.0050		mg/L		05/01/14 13:19	05/02/14 12:03	1
Chromium	ND		0.010		mg/L		05/01/14 13:19	05/02/14 12:03	1
Lead	ND		0.010		mg/L		05/01/14 13:19	05/02/14 12:03	1
Nickel	ND		0.010		mg/L		05/01/14 13:19	05/02/14 12:03	1
Selenium	ND		0.040		mg/L		05/01/14 13:19	05/02/14 12:03	1
Silver	ND		0.010		mg/L		05/01/14 13:19	05/02/14 12:03	1

Lab Sample ID: LCS 600-133371/2-A
Matrix: Solid
Analysis Batch: 133449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Arsenic	0.500	0.540		mg/L		108	80 - 120
Barium	0.500	0.535		mg/L		107	80 - 120
Beryllium	0.500	0.530		mg/L		106	80 - 120
Cadmium	0.500	0.538		mg/L		108	80 - 120
Chromium	0.500	0.539		mg/L		108	80 - 120
Lead	0.500	0.539		mg/L		108	80 - 120
Nickel	0.500	0.537		mg/L		107	80 - 120
Selenium	0.500	0.537		mg/L		107	80 - 120
Silver	0.250	0.267		mg/L		107	80 - 120

Lab Sample ID: LB 600-133119/1-C
Matrix: Solid
Analysis Batch: 133240

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 133156

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/29/14 14:57	04/30/14 11:42	1
Arsenic	ND		0.10		mg/L		04/29/14 14:57	04/30/14 11:42	1
Barium	ND		0.20		mg/L		04/29/14 14:57	04/30/14 11:42	1
Beryllium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 11:42	1
Cadmium	ND		0.050		mg/L		04/29/14 14:57	04/30/14 11:42	1
Chromium	ND		0.10		mg/L		04/29/14 14:57	04/30/14 11:42	1
Lead	ND		0.10		mg/L		04/29/14 14:57	04/30/14 11:42	1
Nickel	ND		0.10		mg/L		04/29/14 14:57	04/30/14 11:42	1
Selenium	ND		0.40		mg/L		04/29/14 14:57	04/30/14 11:42	1
Silver	ND		0.10		mg/L		04/29/14 14:57	04/30/14 11:42	1

Lab Sample ID: 600-91075-A-1-F MS
Matrix: Solid
Analysis Batch: 133240

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 133156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		5.00	5.24		mg/L		105	75 - 125
Arsenic	ND		5.00	5.43		mg/L		109	75 - 125
Barium	0.25		5.00	5.82		mg/L		112	75 - 125
Beryllium	ND		5.00	5.54		mg/L		111	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-91075-A-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133240 — **Prep Batch: 133156**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	ND		5.00	5.56		mg/L		111	75 - 125
Chromium	0.10		5.00	5.60		mg/L		110	75 - 125
Lead	ND		5.00	5.33		mg/L		107	75 - 125
Nickel	ND		5.00	5.36		mg/L		106	75 - 125
Selenium	ND		5.00	5.43		mg/L		109	75 - 125
Silver	ND		2.50	2.71		mg/L		108	75 - 125

Lab Sample ID: 600-91073-A-1-F DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133240 — **Prep Batch: 133156**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND		ND		mg/L		NC	20
Arsenic	ND		ND		mg/L		NC	20
Barium	ND		ND		mg/L		NC	20
Beryllium	ND		ND		mg/L		NC	20
Cadmium	ND		ND		mg/L		NC	20
Chromium	ND		ND		mg/L		NC	20
Lead	ND		ND		mg/L		NC	20
Nickel	0.15		0.142		mg/L		5	20
Selenium	ND		ND		mg/L		NC	20
Silver	ND		ND		mg/L		NC	20

Lab Sample ID: LB 600-133209/1-C — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133346 — **Prep Batch: 133243**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		04/30/14 11:40	05/01/14 11:04	1
Arsenic	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:04	1
Barium	ND	^	0.20		mg/L		04/30/14 11:40	05/01/14 11:04	1
Beryllium	ND	^	0.050		mg/L		04/30/14 11:40	05/01/14 11:04	1
Cadmium	ND		0.050		mg/L		04/30/14 11:40	05/01/14 11:04	1
Chromium	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:04	1
Lead	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:04	1
Nickel	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:04	1
Selenium	ND		0.40		mg/L		04/30/14 11:40	05/01/14 11:04	1
Silver	ND		0.10		mg/L		04/30/14 11:40	05/01/14 11:04	1

Lab Sample ID: 600-91066-A-1-J MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133346 — **Prep Batch: 133243**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		5.00	5.37		mg/L		107	75 - 125
Arsenic	ND		5.00	5.33		mg/L		107	75 - 125
Barium	1.8	^	5.00	7.53	^	mg/L		115	75 - 125
Beryllium	ND	^	5.00	5.70	^	mg/L		114	75 - 125
Cadmium	ND		5.00	5.52		mg/L		110	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-91066-A-1-J MS
Matrix: Solid
Analysis Batch: 133346

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 133243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	ND		5.00	5.46		mg/L		109	75 - 125
Lead	ND		5.00	5.24		mg/L		105	75 - 125
Nickel	ND		5.00	5.21		mg/L		104	75 - 125
Selenium	ND		5.00	5.39		mg/L		108	75 - 125
Silver	ND		2.50	2.73		mg/L		109	75 - 125

Lab Sample ID: 600-91066-A-1-I DU
Matrix: Solid
Analysis Batch: 133346

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 133243

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND		ND		mg/L		NC	20
Arsenic	ND		ND		mg/L		NC	20
Barium	1.8	^	1.86	^	mg/L		5	20
Beryllium	ND	^	ND	^	mg/L		NC	20
Cadmium	ND		ND		mg/L		NC	20
Chromium	ND		ND		mg/L		NC	20
Lead	ND		ND		mg/L		NC	20
Nickel	ND		ND		mg/L		NC	20
Selenium	ND		ND		mg/L		NC	20
Silver	ND		ND		mg/L		NC	20

Lab Sample ID: LB 600-133330/1-B
Matrix: Solid
Analysis Batch: 133449

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 133371

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/L		05/01/14 13:19	05/02/14 12:08	1
Arsenic	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:08	1
Barium	ND		0.20		mg/L		05/01/14 13:19	05/02/14 12:08	1
Beryllium	ND		0.050		mg/L		05/01/14 13:19	05/02/14 12:08	1
Cadmium	ND		0.050		mg/L		05/01/14 13:19	05/02/14 12:08	1
Chromium	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:08	1
Lead	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:08	1
Nickel	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:08	1
Selenium	ND		0.40		mg/L		05/01/14 13:19	05/02/14 12:08	1
Silver	ND		0.10		mg/L		05/01/14 13:19	05/02/14 12:08	1

Lab Sample ID: 600-91122-12 MS
Matrix: Solid
Analysis Batch: 133449

Client Sample ID: 2014-IDW-Core-001
Prep Type: TCLP
Prep Batch: 133371

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		5.00	5.24		mg/L		105	75 - 125
Arsenic	ND		5.00	5.39		mg/L		108	75 - 125
Barium	0.41		5.00	5.57		mg/L		103	75 - 125
Beryllium	ND		5.00	5.21		mg/L		104	75 - 125
Cadmium	ND		5.00	5.34		mg/L		107	75 - 125
Chromium	ND		5.00	5.20		mg/L		104	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-91122-12 MS
Matrix: Solid
Analysis Batch: 133449

Client Sample ID: 2014-IDW-Core-001
Prep Type: TCLP
Prep Batch: 133371

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.24		5.00	5.50		mg/L		105	75 - 125
Nickel	ND		5.00	5.21		mg/L		104	75 - 125
Selenium	ND		5.00	5.39		mg/L		108	75 - 125
Silver	ND		2.50	2.64		mg/L		106	75 - 125

Lab Sample ID: 600-91122-12 DU
Matrix: Solid
Analysis Batch: 133449

Client Sample ID: 2014-IDW-Core-001
Prep Type: TCLP
Prep Batch: 133371

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND		ND		mg/L		NC	20
Arsenic	ND		ND		mg/L		NC	20
Barium	0.41		0.411		mg/L		1	20
Beryllium	ND		ND		mg/L		NC	20
Cadmium	ND		ND		mg/L		NC	20
Chromium	ND		ND		mg/L		NC	20
Lead	0.24		0.239		mg/L		0.8	20
Nickel	ND		ND		mg/L		NC	20
Selenium	ND		ND		mg/L		NC	20
Silver	ND		ND		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-133200/7-A
Matrix: Water
Analysis Batch: 133234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133200

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/30/14 05:22	04/30/14 08:58	1

Lab Sample ID: LCS 600-133200/8-A
Matrix: Water
Analysis Batch: 133234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133200

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00300	0.00308		mg/L		103	70 - 130

Lab Sample ID: 600-91227-E-1-D MS
Matrix: Water
Analysis Batch: 133234

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133200

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00300	0.00318		mg/L		106	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 600-91227-E-1-C DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 133234 — **Prep Batch: 133200**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		mg/L		NC	20

Lab Sample ID: MB 600-133201/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133234 — **Prep Batch: 133201**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		04/30/14 05:24	04/30/14 09:46	1

Lab Sample ID: LCS 600-133201/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133234 — **Prep Batch: 133201**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	3.01		ug/L		100	70 - 130

Lab Sample ID: MB 600-133320/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133354 — **Prep Batch: 133320**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 10:18	1

Lab Sample ID: LCS 600-133320/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133354 — **Prep Batch: 133320**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	2.99		ug/L		100	70 - 130

Lab Sample ID: 600-91315-H-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133354 — **Prep Batch: 133320**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		3.00	2.94		ug/L		98	75 - 125	7	20

Lab Sample ID: MB 600-133453/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133494 — **Prep Batch: 133453**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/02/14 12:23	05/02/14 16:28	1

Lab Sample ID: LCS 600-133453/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133494 — **Prep Batch: 133453**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	3.10		ug/L		103	70 - 130

Lab Sample ID: LB 600-133119/1-D — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133234 — **Prep Batch: 133201**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		04/30/14 05:24	04/30/14 09:50	1

Lab Sample ID: 600-91073-A-1-J MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133234 — **Prep Batch: 133201**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		3.00	2.70		ug/L		90	75 - 125

Lab Sample ID: 600-91073-A-1-I DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133234 — **Prep Batch: 133201**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		ug/L		NC	20

Lab Sample ID: LB 600-133209/1-D — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133354 — **Prep Batch: 133320**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/01/14 05:30	05/01/14 10:53	1

Lab Sample ID: 600-91066-A-1-N MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133354 — **Prep Batch: 133320**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		3.00	3.34		ug/L		111	75 - 125

Lab Sample ID: 600-91066-A-1-M DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133354 — **Prep Batch: 133320**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		ug/L		NC	20

Lab Sample ID: LB 600-133330/1-D — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133494 — **Prep Batch: 133453**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		05/02/14 12:23	05/02/14 16:33	1

Lab Sample ID: 600-91122-12 MS — **Client Sample ID: 2014-IDW-Core-001**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 133494 — **Prep Batch: 133453**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		3.00	3.12		ug/L		104	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 600-91122-12 DU
Matrix: Solid
Analysis Batch: 133494

Client Sample ID: 2014-IDW-Core-001
Prep Type: TCLP
Prep Batch: 133453

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	ND			ND		ug/L				NC	20

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: MB 600-133185/1
Matrix: Water
Analysis Batch: 133185

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00		Degrees F			04/29/14 10:45	1

Lab Sample ID: LCS 600-133185/2
Matrix: Water
Analysis Batch: 133185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.42		Degrees F		102	96.9 - 103. 1 09		

Lab Sample ID: 600-90684-A-1 DU
Matrix: Water
Analysis Batch: 133185

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>186			>186		Degrees F				NC	20

Lab Sample ID: MB 600-133398/1
Matrix: Water
Analysis Batch: 133398

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00		Degrees F			05/01/14 07:25	1

Lab Sample ID: LCS 600-133398/2
Matrix: Water
Analysis Batch: 133398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	79.82		Degrees F		99	96.9 - 103. 1 09		

Lab Sample ID: 600-91122-10 DU
Matrix: Water
Analysis Batch: 133398

Client Sample ID: 2014-IDW-Water- 002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>186			>186		Degrees F				NC	20

Method: 7.4.4 - Reactive Sulfide

Lab Sample ID: MB 600-133406/1-A
Matrix: Solid
Analysis Batch: 133407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/01/14 14:40	05/01/14 21:08	1

Lab Sample ID: LCS 600-133406/2-A
Matrix: Solid
Analysis Batch: 133407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	992	1290		mg/Kg		130	0 - 100

Lab Sample ID: 600-91122-6 MS
Matrix: Solid
Analysis Batch: 133407

Client Sample ID: 2014-IDW-Soil- 006
Prep Type: Total/NA
Prep Batch: 133406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	ND		990	289		mg/Kg		29	0 - 100

Lab Sample ID: 600-91122-6 MSD
Matrix: Solid
Analysis Batch: 133407

Client Sample ID: 2014-IDW-Soil- 006
Prep Type: Total/NA
Prep Batch: 133406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide, Reactive	ND		989	1500		mg/Kg		151	0 - 100	135	20

Lab Sample ID: MB 600-133511/1-A
Matrix: Solid
Analysis Batch: 133638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/Kg		05/03/14 09:12	05/05/14 21:30	1

Lab Sample ID: LCS 600-133511/2-A
Matrix: Solid
Analysis Batch: 133638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	992	1080		mg/Kg		109	0 - 100

Lab Sample ID: 600-91042-A-1-H MSD
Matrix: Solid
Analysis Batch: 133638

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide, Reactive	ND		992	1310		mg/Kg		132	0 - 100	3	20

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-133271/1-A
Matrix: Water
Analysis Batch: 133351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		250		ug/L		04/30/14 06:35	05/01/14 11:12	1

Lab Sample ID: LCS 600-133271/2-A
Matrix: Water
Analysis Batch: 133351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	35200		ug/L		4	0 - 100

Lab Sample ID: 600-91122-9 MS
Matrix: Water
Analysis Batch: 133351

Client Sample ID: 2014-IDW-Water 001
Prep Type: Total/NA
Prep Batch: 133271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	ND		1000000	9000		ug/L		0.9	0 - 100

Lab Sample ID: 600-91122-9 MSD
Matrix: Water
Analysis Batch: 133351

Client Sample ID: 2014-IDW-Water 001
Prep Type: Total/NA
Prep Batch: 133271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Reactive	ND		1000000	36900		ug/L		4	0 - 100	122	20

Lab Sample ID: MB 600-133406/1-A
Matrix: Solid
Analysis Batch: 133410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		250		ug/Kg		05/01/14 14:40	05/01/14 22:55	1

Lab Sample ID: LCS 600-133406/2-A
Matrix: Solid
Analysis Batch: 133410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	1860		ug/Kg		0.2	0 - 100

Lab Sample ID: 600-91122-6 MS
Matrix: Solid
Analysis Batch: 133410

Client Sample ID: 2014-IDW-Soil- 006
Prep Type: Total/NA
Prep Batch: 133406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	ND		999000	3770		ug/Kg		0.4	0 - 100

Lab Sample ID: 600-91122-6 MSD
Matrix: Solid
Analysis Batch: 133410

Client Sample ID: 2014-IDW-Soil- 006
Prep Type: Total/NA
Prep Batch: 133406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Reactive	ND		1000000	3920		ug/Kg		0.4	0 - 100	4	20

Lab Sample ID: MB 600-133511/1-A
Matrix: Solid
Analysis Batch: 133671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		250		ug/Kg		05/03/14 09:12	05/06/14 11:27	1

Lab Sample ID: LCS 600-133511/2-A
Matrix: Solid
Analysis Batch: 133671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	117000		ug/Kg		12	0 - 100

Lab Sample ID: 600-91042-A-1-E MS
Matrix: Solid
Analysis Batch: 133671

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	ND		999000	59800		ug/Kg		6	0 - 100

Lab Sample ID: 600-91042-A-1-F MSD
Matrix: Solid
Analysis Batch: 133671

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Reactive	ND		999000	36200		ug/Kg		4	0 - 100	49	20

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 600-133271/1-A
Matrix: Water
Analysis Batch: 133317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		50		mg/L		04/30/14 06:35	04/30/14 20:25	1

Lab Sample ID: LCS 600-133271/2-A
Matrix: Water
Analysis Batch: 133317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	992	1540		mg/L		155	0 - 100

Lab Sample ID: 600-91122-9 MS
Matrix: Water
Analysis Batch: 133317

Client Sample ID: 2014-IDW-Water 001
Prep Type: Total/NA
Prep Batch: 133271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	ND		992	1270		mg/L		128	0 - 100

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: 600-91122-9 MSD — **Client Sample ID: 2014-IDW-Water 001**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 133317 — **Prep Batch: 133271**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide, Reactive	ND		992	1200		mg/L		121	0 - 100	6	20

Method: 9040B - pH

Lab Sample ID: LCS 600-133342/26 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 133342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.000		SU		100	99 - 101		

Method: 9045C - Corrosivity

Lab Sample ID: LCS 600-133282/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133282

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.020		SU		100	99 - 101		

Lab Sample ID: 600-90705-C-1 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133282

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.95			7.960		SU				0.1	1

Lab Sample ID: LCS 600-133342/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.000		SU		100	99 - 101		

Lab Sample ID: 600-91122-12 DU — **Client Sample ID: 2014-IDW-Core-001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 133342

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	12.1			12.07		SU				0	1

Method: D92 - Flashpoint

Lab Sample ID: MB 600-133491/1
Matrix: Solid
Analysis Batch: 133491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00		Degrees F			05/02/14 09:30	1

Lab Sample ID: LCS 600-133491/2
Matrix: Solid
Analysis Batch: 133491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	81.94		Degrees F		101	96.9 - 103.1 09		

Lab Sample ID: 600-91122-1 DU
Matrix: Solid
Analysis Batch: 133491

Client Sample ID: 2014-IDW-Soil- 001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>212			>212		Degrees F				NC	20

Lab Sample ID: MB 600-133514/1
Matrix: Solid
Analysis Batch: 133514

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00		Degrees F			05/03/14 09:45	1

Lab Sample ID: LCS 600-133514/2
Matrix: Solid
Analysis Batch: 133514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	81.94		Degrees F		101	96.9 - 103.1 09		

Lab Sample ID: 600-91122-8 DU
Matrix: Solid
Analysis Batch: 133514

Client Sample ID: 2014-IDW-Soil 008
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>212			>212		Degrees F				NC	20

Unadjusted Detection Limits

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	0.050	0.0063	mg/L	6010B
Arsenic	0.010	0.0033	mg/L	6010B
Barium	0.020	0.0022	mg/L	6010B
Beryllium	0.0050	0.0013	mg/L	6010B
Cadmium	0.0050	0.00035	mg/L	6010B
Chromium	0.010	0.0016	mg/L	6010B
Lead	0.010	0.0029	mg/L	6010B
Nickel	0.010	0.0018	mg/L	6010B
Selenium	0.040	0.0042	mg/L	6010B
Silver	0.010	0.0013	mg/L	6010B

Method: 6010B - Metals (ICP) - TCLP

Analyte	MQL	MDL	Units	Method
Antimony	0.050	0.0063	mg/L	6010B
Arsenic	0.010	0.0033	mg/L	6010B
Barium	0.020	0.0022	mg/L	6010B
Beryllium	0.0050	0.0013	mg/L	6010B
Cadmium	0.0050	0.00035	mg/L	6010B
Chromium	0.010	0.0016	mg/L	6010B
Lead	0.010	0.0029	mg/L	6010B
Nickel	0.010	0.0018	mg/L	6010B
Selenium	0.040	0.0042	mg/L	6010B
Silver	0.010	0.0013	mg/L	6010B

Method: 7470A - Mercury (CVAA)

Analyte	MQL	MDL	Units	Method
Mercury	0.00020	0.000082	mg/L	7470A

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	MQL	MDL	Units	Method
Mercury	0.20	0.082	ug/L	7470A

General Chemistry

Analyte	MQL	MDL	Units	Method
Flashpoint	1.00	1.00	Degrees F	1010
Sulfide, Reactive	50	14	mg/Kg	7.4.4
Cyanide, Reactive	250	86	ug/Kg	9012
Cyanide, Reactive	250	40	ug/L	9012
Sulfide, Reactive	50	1.4	mg/L	9034
pH	0.0100	0.0100	SU	9040B
pH	0.0100	0.0100	SU	9045C
Flashpoint	1.00	1.00	Degrees F	D92

Metals

Leach Batch: 133119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91073-A-1-F DU	Duplicate	TCLP	Solid	1311	
600-91073-A-1-I DU	Duplicate	TCLP	Solid	1311	
600-91073-A-1-J MS	Matrix Spike	TCLP	Solid	1311	
600-91075-A-1-F MS	Matrix Spike	TCLP	Solid	1311	
600-91122-1	2014-IDW-Soil- 001	TCLP	Solid	1311	
600-91122-2	2014-IDW-Soil- 002	TCLP	Solid	1311	
600-91122-3	2014-IDW-Soil- 003	TCLP	Solid	1311	
LB 600-133119/1-C	Method Blank	TCLP	Solid	1311	
LB 600-133119/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 133156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91073-A-1-F DU	Duplicate	TCLP	Solid	3010A	133119
600-91075-A-1-F MS	Matrix Spike	TCLP	Solid	3010A	133119
600-91122-1	2014-IDW-Soil- 001	TCLP	Solid	3010A	133119
600-91122-2	2014-IDW-Soil- 002	TCLP	Solid	3010A	133119
600-91122-3	2014-IDW-Soil- 003	TCLP	Solid	3010A	133119
LB 600-133119/1-C	Method Blank	TCLP	Solid	3010A	133119
LCS 600-133156/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-133156/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 133200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-9	2014-IDW-Water 001	Total/NA	Water	7470A	
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	7470A	
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	7470A	
600-91227-E-1-C DU	Duplicate	Total/NA	Water	7470A	
600-91227-E-1-D MS	Matrix Spike	Total/NA	Water	7470A	
LCS 600-133200/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 600-133200/7-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 133201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91073-A-1-I DU	Duplicate	TCLP	Solid	7470A	133119
600-91073-A-1-J MS	Matrix Spike	TCLP	Solid	7470A	133119
600-91122-1	2014-IDW-Soil- 001	TCLP	Solid	7470A	133119
600-91122-2	2014-IDW-Soil- 002	TCLP	Solid	7470A	133119
600-91122-3	2014-IDW-Soil- 003	TCLP	Solid	7470A	133119
LB 600-133119/1-D	Method Blank	TCLP	Solid	7470A	133119
LCS 600-133201/8-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-133201/7-A	Method Blank	Total/NA	Solid	7470A	

Leach Batch: 133209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91066-A-1-I DU	Duplicate	TCLP	Solid	1311	
600-91066-A-1-J MS	Matrix Spike	TCLP	Solid	1311	
600-91066-A-1-M DU	Duplicate	TCLP	Solid	1311	
600-91066-A-1-N MS	Matrix Spike	TCLP	Solid	1311	
600-91122-4	2014-IDW-Soil- 004	TCLP	Solid	1311	
600-91122-5	2014-IDW-Soil- 005	TCLP	Solid	1311	
600-91122-6	2014-IDW-Soil- 006	TCLP	Solid	1311	

Metals (Continued)

Leach Batch: 133209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-7	2014-IDW-Soil 007	TCLP	Solid	1311	
600-91122-8	2014-IDW-Soil 008	TCLP	Solid	1311	
LB 600-133209/1-C	Method Blank	TCLP	Solid	1311	
LB 600-133209/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 133214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-9	2014-IDW-Water 001	Total/NA	Water	3010A	
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	3010A	
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	3010A	
600-91183-C-1-B DU	Duplicate	Total/NA	Water	3010A	
600-91183-C-1-C MS	Matrix Spike	Total/NA	Water	3010A	
600-91183-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
LCS 600-133214/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 600-133214/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 133234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91073-A-1-I DU	Duplicate	TCLP	Solid	7470A	133201
600-91073-A-1-J MS	Matrix Spike	TCLP	Solid	7470A	133201
600-91122-1	2014-IDW-Soil- 001	TCLP	Solid	7470A	133201
600-91122-2	2014-IDW-Soil- 002	TCLP	Solid	7470A	133201
600-91122-3	2014-IDW-Soil- 003	TCLP	Solid	7470A	133201
600-91122-9	2014-IDW-Water 001	Total/NA	Water	7470A	133200
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	7470A	133200
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	7470A	133200
600-91227-E-1-C DU	Duplicate	Total/NA	Water	7470A	133200
600-91227-E-1-D MS	Matrix Spike	Total/NA	Water	7470A	133200
LB 600-133119/1-D	Method Blank	TCLP	Solid	7470A	133201
LCS 600-133200/8-A	Lab Control Sample	Total/NA	Water	7470A	133200
LCS 600-133201/8-A	Lab Control Sample	Total/NA	Solid	7470A	133201
MB 600-133200/7-A	Method Blank	Total/NA	Water	7470A	133200
MB 600-133201/7-A	Method Blank	Total/NA	Solid	7470A	133201

Analysis Batch: 133240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91073-A-1-F DU	Duplicate	TCLP	Solid	6010B	133156
600-91075-A-1-F MS	Matrix Spike	TCLP	Solid	6010B	133156
600-91122-1	2014-IDW-Soil- 001	TCLP	Solid	6010B	133156
600-91122-2	2014-IDW-Soil- 002	TCLP	Solid	6010B	133156
600-91122-3	2014-IDW-Soil- 003	TCLP	Solid	6010B	133156
600-91122-9	2014-IDW-Water 001	Total/NA	Water	6010B	133214
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	6010B	133214
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	6010B	133214
600-91183-C-1-B DU	Duplicate	Total/NA	Water	6010B	133214
600-91183-C-1-C MS	Matrix Spike	Total/NA	Water	6010B	133214
600-91183-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	133214
LB 600-133119/1-C	Method Blank	TCLP	Solid	6010B	133156
LCS 600-133156/2-A	Lab Control Sample	Total/NA	Solid	6010B	133156
LCS 600-133214/2-A	Lab Control Sample	Total/NA	Water	6010B	133214
MB 600-133156/1-A	Method Blank	Total/NA	Solid	6010B	133156

Metals (Continued)

Analysis Batch: 133240 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 600-133214/1-A	Method Blank	Total/NA	Water	6010B	133214

Prep Batch: 133243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91066-A-1-I DU	Duplicate	TCLP	Solid	3010A	133209
600-91066-A-1-J MS	Matrix Spike	TCLP	Solid	3010A	133209
600-91122-4	2014-IDW-Soil- 004	TCLP	Solid	3010A	133209
600-91122-5	2014-IDW-Soil- 005	TCLP	Solid	3010A	133209
600-91122-6	2014-IDW-Soil- 006	TCLP	Solid	3010A	133209
600-91122-7	2014-IDW-Soil 007	TCLP	Solid	3010A	133209
600-91122-8	2014-IDW-Soil 008	TCLP	Solid	3010A	133209
LB 600-133209/1-C	Method Blank	TCLP	Solid	3010A	133209
LCS 600-133243/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-133243/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 133320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91066-A-1-M DU	Duplicate	TCLP	Solid	7470A	133209
600-91066-A-1-N MS	Matrix Spike	TCLP	Solid	7470A	133209
600-91122-4	2014-IDW-Soil- 004	TCLP	Solid	7470A	133209
600-91122-5	2014-IDW-Soil- 005	TCLP	Solid	7470A	133209
600-91122-6	2014-IDW-Soil- 006	TCLP	Solid	7470A	133209
600-91122-7	2014-IDW-Soil 007	TCLP	Solid	7470A	133209
600-91122-8	2014-IDW-Soil 008	TCLP	Solid	7470A	133209
600-91315-H-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	7470A	
LB 600-133209/1-D	Method Blank	TCLP	Solid	7470A	133209
LCS 600-133320/8-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-133320/7-A	Method Blank	Total/NA	Solid	7470A	

Leach Batch: 133330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-12	2014-IDW-Core-001	TCLP	Solid	1311	
600-91122-12 DU	2014-IDW-Core-001	TCLP	Solid	1311	
600-91122-12 MS	2014-IDW-Core-001	TCLP	Solid	1311	
LB 600-133330/1-B	Method Blank	TCLP	Solid	1311	
LB 600-133330/1-D	Method Blank	TCLP	Solid	1311	

Analysis Batch: 133346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91066-A-1-I DU	Duplicate	TCLP	Solid	6010B	133243
600-91066-A-1-J MS	Matrix Spike	TCLP	Solid	6010B	133243
600-91122-4	2014-IDW-Soil- 004	TCLP	Solid	6010B	133243
600-91122-5	2014-IDW-Soil- 005	TCLP	Solid	6010B	133243
600-91122-6	2014-IDW-Soil- 006	TCLP	Solid	6010B	133243
600-91122-7	2014-IDW-Soil 007	TCLP	Solid	6010B	133243
600-91122-8	2014-IDW-Soil 008	TCLP	Solid	6010B	133243
LB 600-133209/1-C	Method Blank	TCLP	Solid	6010B	133243
LCS 600-133243/2-A	Lab Control Sample	Total/NA	Solid	6010B	133243
MB 600-133243/1-A	Method Blank	Total/NA	Solid	6010B	133243

Metals (Continued)

Analysis Batch: 133354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91066-A-1-M DU	Duplicate	TCLP	Solid	7470A	133320
600-91066-A-1-N MS	Matrix Spike	TCLP	Solid	7470A	133320
600-91122-4	2014-IDW-Soil- 004	TCLP	Solid	7470A	133320
600-91122-5	2014-IDW-Soil- 005	TCLP	Solid	7470A	133320
600-91122-6	2014-IDW-Soil- 006	TCLP	Solid	7470A	133320
600-91122-7	2014-IDW-Soil 007	TCLP	Solid	7470A	133320
600-91122-8	2014-IDW-Soil 008	TCLP	Solid	7470A	133320
600-91315-H-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	7470A	133320
LB 600-133209/1-D	Method Blank	TCLP	Solid	7470A	133320
LCS 600-133320/8-A	Lab Control Sample	Total/NA	Solid	7470A	133320
MB 600-133320/7-A	Method Blank	Total/NA	Solid	7470A	133320

Prep Batch: 133371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-12	2014-IDW-Core-001	TCLP	Solid	3010A	133330
600-91122-12 DU	2014-IDW-Core-001	TCLP	Solid	3010A	133330
600-91122-12 MS	2014-IDW-Core-001	TCLP	Solid	3010A	133330
LB 600-133330/1-B	Method Blank	TCLP	Solid	3010A	133330
LCS 600-133371/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-133371/1-A	Method Blank	Total/NA	Solid	3010A	

Analysis Batch: 133449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-12	2014-IDW-Core-001	TCLP	Solid	6010B	133371
600-91122-12 DU	2014-IDW-Core-001	TCLP	Solid	6010B	133371
600-91122-12 MS	2014-IDW-Core-001	TCLP	Solid	6010B	133371
LB 600-133330/1-B	Method Blank	TCLP	Solid	6010B	133371
LCS 600-133371/2-A	Lab Control Sample	Total/NA	Solid	6010B	133371
MB 600-133371/1-A	Method Blank	Total/NA	Solid	6010B	133371

Prep Batch: 133453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-12	2014-IDW-Core-001	TCLP	Solid	7470A	133330
600-91122-12 DU	2014-IDW-Core-001	TCLP	Solid	7470A	133330
600-91122-12 MS	2014-IDW-Core-001	TCLP	Solid	7470A	133330
LB 600-133330/1-D	Method Blank	TCLP	Solid	7470A	133330
LCS 600-133453/8-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-133453/7-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 133494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-12	2014-IDW-Core-001	TCLP	Solid	7470A	133453
600-91122-12 DU	2014-IDW-Core-001	TCLP	Solid	7470A	133453
600-91122-12 MS	2014-IDW-Core-001	TCLP	Solid	7470A	133453
LB 600-133330/1-D	Method Blank	TCLP	Solid	7470A	133453
LCS 600-133453/8-A	Lab Control Sample	Total/NA	Solid	7470A	133453
MB 600-133453/7-A	Method Blank	Total/NA	Solid	7470A	133453

General Chemistry

Analysis Batch: 133185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-90684-A-1 DU	Duplicate	Total/NA	Water	1010	
600-91122-9	2014-IDW-Water 001	Total/NA	Water	1010	
LCS 600-133185/2	Lab Control Sample	Total/NA	Water	1010	
MB 600-133185/1	Method Blank	Total/NA	Water	1010	

Prep Batch: 133271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-9	2014-IDW-Water 001	Total/NA	Water	7.3.4	
600-91122-9 MS	2014-IDW-Water 001	Total/NA	Water	7.3.4	
600-91122-9 MS	2014-IDW-Water 001	Total/NA	Water	7.3.4	
600-91122-9 MSD	2014-IDW-Water 001	Total/NA	Water	7.3.4	
600-91122-9 MSD	2014-IDW-Water 001	Total/NA	Water	7.3.4	
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	7.3.4	
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	7.3.4	
LCS 600-133271/2-A	Lab Control Sample	Total/NA	Water	7.3.4	
MB 600-133271/1-A	Method Blank	Total/NA	Water	7.3.4	

Analysis Batch: 133282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-90705-C-1 DU	Duplicate	Total/NA	Solid	9045C	
600-91122-1	2014-IDW-Soil- 001	Total/NA	Solid	9045C	
600-91122-2	2014-IDW-Soil- 002	Total/NA	Solid	9045C	
600-91122-3	2014-IDW-Soil- 003	Total/NA	Solid	9045C	
600-91122-4	2014-IDW-Soil- 004	Total/NA	Solid	9045C	
LCS 600-133282/1	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 133317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-9	2014-IDW-Water 001	Total/NA	Water	9034	133271
600-91122-9 MS	2014-IDW-Water 001	Total/NA	Water	9034	133271
600-91122-9 MSD	2014-IDW-Water 001	Total/NA	Water	9034	133271
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	9034	133271
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	9034	133271
LCS 600-133271/2-A	Lab Control Sample	Total/NA	Water	9034	133271
MB 600-133271/1-A	Method Blank	Total/NA	Water	9034	133271

Analysis Batch: 133342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-5	2014-IDW-Soil- 005	Total/NA	Solid	9045C	
600-91122-6	2014-IDW-Soil- 006	Total/NA	Solid	9045C	
600-91122-7	2014-IDW-Soil 007	Total/NA	Solid	9045C	
600-91122-8	2014-IDW-Soil 008	Total/NA	Solid	9045C	
600-91122-9	2014-IDW-Water 001	Total/NA	Water	9040B	
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	9040B	
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	9040B	
600-91122-12	2014-IDW-Core-001	Total/NA	Solid	9045C	
600-91122-12 DU	2014-IDW-Core-001	Total/NA	Solid	9045C	
LCS 600-133342/1	Lab Control Sample	Total/NA	Solid	9045C	
LCS 600-133342/26	Lab Control Sample	Total/NA	Water	9040B	

General Chemistry (Continued)

Analysis Batch: 133351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-9	2014-IDW-Water 001	Total/NA	Water	9012	133271
600-91122-9 MS	2014-IDW-Water 001	Total/NA	Water	9012	133271
600-91122-9 MSD	2014-IDW-Water 001	Total/NA	Water	9012	133271
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	9012	133271
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	9012	133271
LCS 600-133271/2-A	Lab Control Sample	Total/NA	Water	9012	133271
MB 600-133271/1-A	Method Blank	Total/NA	Water	9012	133271

Analysis Batch: 133398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-10	2014-IDW-Water- 002	Total/NA	Water	1010	
600-91122-10 DU	2014-IDW-Water- 002	Total/NA	Water	1010	
600-91122-11	2014-IDW-Water- 003	Total/NA	Water	1010	
LCS 600-133398/2	Lab Control Sample	Total/NA	Water	1010	
MB 600-133398/1	Method Blank	Total/NA	Water	1010	

Prep Batch: 133406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-1	2014-IDW-Soil- 001	Total/NA	Solid	7.3.4	
600-91122-2	2014-IDW-Soil- 002	Total/NA	Solid	7.3.4	
600-91122-3	2014-IDW-Soil- 003	Total/NA	Solid	7.3.4	
600-91122-4	2014-IDW-Soil- 004	Total/NA	Solid	7.3.4	
600-91122-5	2014-IDW-Soil- 005	Total/NA	Solid	7.3.4	
600-91122-6	2014-IDW-Soil- 006	Total/NA	Solid	7.3.4	
600-91122-6 MS	2014-IDW-Soil- 006	Total/NA	Solid	7.3.4	
600-91122-6 MS	2014-IDW-Soil- 006	Total/NA	Solid	7.3.4	
600-91122-6 MSD	2014-IDW-Soil- 006	Total/NA	Solid	7.3.4	
600-91122-6 MSD	2014-IDW-Soil- 006	Total/NA	Solid	7.3.4	
600-91122-7	2014-IDW-Soil 007	Total/NA	Solid	7.3.4	
600-91122-8	2014-IDW-Soil 008	Total/NA	Solid	7.3.4	
LCS 600-133406/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 600-133406/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 133407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-1	2014-IDW-Soil- 001	Total/NA	Solid	7.4.4	133406
600-91122-2	2014-IDW-Soil- 002	Total/NA	Solid	7.4.4	133406
600-91122-3	2014-IDW-Soil- 003	Total/NA	Solid	7.4.4	133406
600-91122-4	2014-IDW-Soil- 004	Total/NA	Solid	7.4.4	133406
600-91122-5	2014-IDW-Soil- 005	Total/NA	Solid	7.4.4	133406
600-91122-6	2014-IDW-Soil- 006	Total/NA	Solid	7.4.4	133406
600-91122-6 MS	2014-IDW-Soil- 006	Total/NA	Solid	7.4.4	133406
600-91122-6 MSD	2014-IDW-Soil- 006	Total/NA	Solid	7.4.4	133406
600-91122-7	2014-IDW-Soil 007	Total/NA	Solid	7.4.4	133406
600-91122-8	2014-IDW-Soil 008	Total/NA	Solid	7.4.4	133406
LCS 600-133406/2-A	Lab Control Sample	Total/NA	Solid	7.4.4	133406
MB 600-133406/1-A	Method Blank	Total/NA	Solid	7.4.4	133406

Analysis Batch: 133410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-1	2014-IDW-Soil- 001	Total/NA	Solid	9012	133406

General Chemistry (Continued)

Analysis Batch: 133410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-2	2014-IDW-Soil- 002	Total/NA	Solid	9012	133406
600-91122-3	2014-IDW-Soil- 003	Total/NA	Solid	9012	133406
600-91122-4	2014-IDW-Soil- 004	Total/NA	Solid	9012	133406
600-91122-5	2014-IDW-Soil- 005	Total/NA	Solid	9012	133406
600-91122-6	2014-IDW-Soil- 006	Total/NA	Solid	9012	133406
600-91122-6 MS	2014-IDW-Soil- 006	Total/NA	Solid	9012	133406
600-91122-6 MSD	2014-IDW-Soil- 006	Total/NA	Solid	9012	133406
600-91122-7	2014-IDW-Soil 007	Total/NA	Solid	9012	133406
600-91122-8	2014-IDW-Soil 008	Total/NA	Solid	9012	133406
LCS 600-133406/2-A	Lab Control Sample	Total/NA	Solid	9012	133406
MB 600-133406/1-A	Method Blank	Total/NA	Solid	9012	133406

Analysis Batch: 133491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-1	2014-IDW-Soil- 001	Total/NA	Solid	D92	
600-91122-1 DU	2014-IDW-Soil- 001	Total/NA	Solid	D92	
600-91122-2	2014-IDW-Soil- 002	Total/NA	Solid	D92	
600-91122-3	2014-IDW-Soil- 003	Total/NA	Solid	D92	
600-91122-4	2014-IDW-Soil- 004	Total/NA	Solid	D92	
600-91122-5	2014-IDW-Soil- 005	Total/NA	Solid	D92	
600-91122-6	2014-IDW-Soil- 006	Total/NA	Solid	D92	
600-91122-7	2014-IDW-Soil 007	Total/NA	Solid	D92	
LCS 600-133491/2	Lab Control Sample	Total/NA	Solid	D92	
MB 600-133491/1	Method Blank	Total/NA	Solid	D92	

Prep Batch: 133511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91042-A-1-E MS	Matrix Spike	Total/NA	Solid	7.3.4	
600-91042-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	
600-91042-A-1-G MS	Matrix Spike	Total/NA	Solid	7.3.4	
600-91042-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	
600-91122-12	2014-IDW-Core-001	Total/NA	Solid	7.3.4	
LCS 600-133511/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 600-133511/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 133514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91122-8	2014-IDW-Soil 008	Total/NA	Solid	D92	
600-91122-8 DU	2014-IDW-Soil 008	Total/NA	Solid	D92	
600-91122-12	2014-IDW-Core-001	Total/NA	Solid	D92	
LCS 600-133514/2	Lab Control Sample	Total/NA	Solid	D92	
MB 600-133514/1	Method Blank	Total/NA	Solid	D92	

Analysis Batch: 133638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91042-A-1-G MS	Matrix Spike	Total/NA	Solid	7.4.4	133511
600-91042-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7.4.4	133511
600-91122-12	2014-IDW-Core-001	Total/NA	Solid	7.4.4	133511
LCS 600-133511/2-A	Lab Control Sample	Total/NA	Solid	7.4.4	133511
MB 600-133511/1-A	Method Blank	Total/NA	Solid	7.4.4	133511

General Chemistry (Continued)

Analysis Batch: 133671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-91042-A-1-E MS	Matrix Spike	Total/NA	Solid	9012	133511
600-91042-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9012	133511
600-91122-12	2014-IDW-Core-001	Total/NA	Solid	9012	133511
LCS 600-133511/2-A	Lab Control Sample	Total/NA	Solid	9012	133511
MB 600-133511/1-A	Method Blank	Total/NA	Solid	9012	133511

Lab Chronicle

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Client Sample ID: 2014-IDW-Soil- 001

Lab Sample ID: 600-91122-1

Date Collected: 04/25/14 10:07

Matrix: Solid

Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133119	04/28/14 18:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133156	04/29/14 14:57	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133240	04/30/14 12:47	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133119	04/28/14 18:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133201	04/30/14 05:24	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133234	04/30/14 10:36	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.02 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.02 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.02 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.02 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133282	04/30/14 10:40	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil- 002

Lab Sample ID: 600-91122-2

Date Collected: 04/25/14 11:15

Matrix: Solid

Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133119	04/28/14 18:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133156	04/29/14 14:57	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133240	04/30/14 12:49	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133119	04/28/14 18:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133201	04/30/14 05:24	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133234	04/30/14 10:38	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.00 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.00 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.00 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.00 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133282	04/30/14 10:40	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil- 003

Lab Sample ID: 600-91122-3

Date Collected: 04/25/14 11:45

Matrix: Solid

Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133119	04/28/14 18:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133156	04/29/14 14:57	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133240	04/30/14 12:58	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133119	04/28/14 18:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133201	04/30/14 05:24	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133234	04/30/14 10:40	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil- 003

Lab Sample ID: 600-91122-3

Date Collected: 04/25/14 11:45

Matrix: Solid

Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7.4.4		1	10.04 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.04 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133282	04/30/14 10:40	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil- 004

Lab Sample ID: 600-91122-4

Date Collected: 04/25/14 12:25

Matrix: Solid

Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133243	04/30/14 11:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133346	05/01/14 11:15	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133320	05/01/14 05:30	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133354	05/01/14 11:08	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.05 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.05 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.05 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.05 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133282	04/30/14 10:40	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil- 005

Lab Sample ID: 600-91122-5

Date Collected: 04/25/14 13:15

Matrix: Solid

Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133243	04/30/14 11:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133346	05/01/14 11:18	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133320	05/01/14 05:30	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133354	05/01/14 11:09	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.03 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.03 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.03 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.03 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133342	05/01/14 08:05	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Lab Chronicle

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Client Sample ID: 2014-IDW-Soil- 006

Lab Sample ID: 600-91122-6

Date Collected: 04/25/14 13:55
Matrix: Solid
Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133243	04/30/14 11:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133346	05/01/14 11:20	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133320	05/01/14 05:30	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133354	05/01/14 11:11	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.04 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	133406	05/01/14 14:40	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.04 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133342	05/01/14 08:05	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil 007

Lab Sample ID: 600-91122-7

Date Collected: 04/25/14 14:40
Matrix: Solid
Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133243	04/30/14 11:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133346	05/01/14 11:22	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133320	05/01/14 05:30	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133354	05/01/14 11:13	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.00 g	250 mL	133406	05/01/14 20:19	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.00 g	250 mL	133407	05/01/14 21:08	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.00 g	250 mL	133406	05/01/14 20:19	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.00 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133342	05/01/14 08:05	MJB	TAL HOU
Total/NA	Analysis	D92		1			133491	05/02/14 09:30	MJB	TAL HOU

Client Sample ID: 2014-IDW-Soil 008

Lab Sample ID: 600-91122-8

Date Collected: 04/25/14 16:50
Matrix: Solid
Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133243	04/30/14 11:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133346	05/01/14 11:25	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133209	04/29/14 17:00	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133320	05/01/14 05:30	MJT	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133354	05/01/14 11:15	MJT	TAL HOU
Total/NA	Prep	7.3.4			10.01 g	250 mL	133406	05/01/14 20:19	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.01 g	250 mL	133407	05/01/14 21:12	EAS	TAL HOU

Lab Chronicle

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Client Sample ID: 2014-IDW-Soil 008

Lab Sample ID: 600-91122-8

Date Collected: 04/25/14 16:50
Matrix: Solid
Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			10.01 g	250 mL	133406	05/01/14 20:19	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.01 g	250 mL	133410	05/01/14 22:55	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133342	05/01/14 08:05	MJB	TAL HOU
Total/NA	Analysis	D92		1			133514	05/03/14 09:45	MJB	TAL HOU

Client Sample ID: 2014-IDW-Water 001

Lab Sample ID: 600-91122-9

Date Collected: 04/25/14 15:15
Matrix: Water
Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	133214	04/30/14 08:56	NER	TAL HOU
Total/NA	Analysis	6010B		1	50 mL	50 mL	133240	04/30/14 15:49	DCL	TAL HOU
Total/NA	Prep	7470A			40 mL	40 mL	133200	04/30/14 05:22	MJT	TAL HOU
Total/NA	Analysis	7470A		1	40 mL	40 mL	133234	04/30/14 09:34	MJT	TAL HOU
Total/NA	Analysis	1010		1			133185	04/29/14 10:45	MJB	TAL HOU
Total/NA	Prep	7.3.4			10 mL	250 mL	133271	04/30/14 06:35	MJB	TAL HOU
Total/NA	Analysis	9012		1	10 mL	250 mL	133351	05/01/14 11:12	EAS	TAL HOU
Total/NA	Prep	7.3.4			10 mL	250 mL	133271	04/30/14 06:35	MJB	TAL HOU
Total/NA	Analysis	9034		1	10 mL	250 mL	133317	04/30/14 20:25	EAS	TAL HOU
Total/NA	Analysis	9040B		1		50 mL	133342	05/01/14 08:05	MJB	TAL HOU

Client Sample ID: 2014-IDW-Water- 002

Lab Sample ID: 600-91122-10

Date Collected: 04/25/14 16:30
Matrix: Water
Date Received: 04/26/14 11:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	133214	04/30/14 08:56	NER	TAL HOU
Total/NA	Analysis	6010B		1	50 mL	50 mL	133240	04/30/14 15:52	DCL	TAL HOU
Total/NA	Prep	7470A			40 mL	40 mL	133200	04/30/14 05:22	MJT	TAL HOU
Total/NA	Analysis	7470A		1	40 mL	40 mL	133234	04/30/14 09:36	MJT	TAL HOU
Total/NA	Analysis	1010		1			133398	05/01/14 07:25	MJB	TAL HOU
Total/NA	Prep	7.3.4			10 mL	250 mL	133271	04/30/14 06:35	MJB	TAL HOU
Total/NA	Analysis	9012		1	10 mL	250 mL	133351	05/01/14 11:12	EAS	TAL HOU
Total/NA	Prep	7.3.4			10 mL	250 mL	133271	04/30/14 06:35	MJB	TAL HOU
Total/NA	Analysis	9034		1	10 mL	250 mL	133317	04/30/14 20:25	EAS	TAL HOU
Total/NA	Analysis	9040B		1		50 mL	133342	05/01/14 08:05	MJB	TAL HOU

Lab Chronicle

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Client Sample ID: 2014-IDW-Water- 003

Date Collected: 04/25/14 15:55
Date Received: 04/26/14 11:41

Lab Sample ID: 600-91122-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	133214	04/30/14 08:56	NER	TAL HOU
Total/NA	Analysis	6010B		1	50 mL	50 mL	133240	04/30/14 15:54	DCL	TAL HOU
Total/NA	Prep	7470A			40 mL	40 mL	133200	04/30/14 05:22	MJT	TAL HOU
Total/NA	Analysis	7470A		1	40 mL	40 mL	133234	04/30/14 09:38	MJT	TAL HOU
Total/NA	Analysis	1010		1			133398	05/01/14 07:25	MJB	TAL HOU
Total/NA	Prep	7.3.4			10 mL	250 mL	133271	04/30/14 06:35	MJB	TAL HOU
Total/NA	Analysis	9012		1	10 mL	250 mL	133351	05/01/14 11:12	EAS	TAL HOU
Total/NA	Prep	7.3.4			10 mL	250 mL	133271	04/30/14 06:35	MJB	TAL HOU
Total/NA	Analysis	9034		1	10 mL	250 mL	133317	04/30/14 20:25	EAS	TAL HOU
Total/NA	Analysis	9040B		1		50 mL	133342	05/01/14 16:53	MJB	TAL HOU

Client Sample ID: 2014-IDW-Core-001

Date Collected: 04/25/14 17:20
Date Received: 04/26/14 11:41

Lab Sample ID: 600-91122-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	133330	04/30/14 18:30	TWR	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	133371	05/01/14 13:19	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	133449	05/02/14 12:17	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	133330	04/30/14 18:30	TWR	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	133453	05/02/14 12:23	TWR	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	133494	05/02/14 16:35	TWR	TAL HOU
Total/NA	Prep	7.3.4			10.01 g	250 mL	133511	05/03/14 09:12	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.01 g	250 mL	133638	05/05/14 21:30	KRD	TAL HOU
Total/NA	Prep	7.3.4			10.01 g	250 mL	133511	05/03/14 09:12	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.01 g	250 mL	133671	05/06/14 11:27	EAS	TAL HOU
Total/NA	Analysis	9045C		1		20 mL	133342	05/01/14 16:53	MJB	TAL HOU
Total/NA	Analysis	D92		1			133514	05/03/14 09:45	MJB	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Golder Associates Inc.
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-91122-1

Laboratory: TestAmerica Houston

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704223	10-31-14

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7.4.4	7.3.4	Solid	Sulfide, Reactive
9012	7.3.4	Solid	Cyanide, Reactive
9012	7.3.4	Water	Cyanide, Reactive
9034	7.3.4	Water	Sulfide, Reactive
D92		Solid	Flashpoint

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

600-91122 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chris Trevino	Carrier Tracking No(s):	COC No: 600-27110-9386.5
Client Contact: Christina Higginbotham	Phone: 817-808-8144		Page: Page 1 of 2
Company: Golder Associates Inc.		Analysis Requested	Job #: 1302086
Address: 500 Century Plaza Drive Suite 190	Due Date Requested:		Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Houston	TAT Requested (days): 5 DAYS		
State, Zip: TX. 77073			
Phone: 281-821-6868(Tel) 281-821-6870(Fax)	PO #: Purchase Order Requested		
Email: Christina_Higginbotham@golder.com	WO #:		
Project Name: Exide Recycling Center. Frisco TX Projec	Project #: 60004831		
Site: Exide - Frisco, TX, IDW	SSOW#:		Other:-

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	pH	TCLP metals (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Sb, Ni, Be	Ignitability, reactivity, and corrosivity	TPH (Hold)	TCLP VOCs (Hold)	TCLP SVOCs (HOLD)	Total Metals (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Sb, Ni, and Be 6010							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N								
2014-IDW-Soil-001	04/25/14	1007	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-002	04/25/14	1115	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-003	04/25/14	1145	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-004	04/25/14	1225	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-005	04/25/14	1315	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-006	04/25/14	1355	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-007	04/25/14	1440	C	Solid			X	X	X	X	X	X									2	
2014-IDW-Soil-008	04/25/14	1650	C	~~Solid~~ Water			X	X	X	X	X	X									2	
2014-IDW-Water-001	04/25/14	1515	C	Water			X		X	X	X	X	X								2	
2014-IDW-Water-002	04/25/14	1630	C	Water			X		X	X	X	X	X								2	
2014-IDW-Water-003	04/25/14	1555	C	Water			X		X	X	X	X	X								2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☑ Archive until client authorizes disposal

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Chris Trevino	04/25/14 - 1900	Golder			
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time: 4/26/14 1141	Company TA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks.

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chris Trevino	Lab PM: Joiner, Dean A	Carrier Tracking No(s):	COC No: 600-27110-9386.5
Client Contact: Christina Higginbotham	Phone: 817-808-8144	E-Mail: dean.joiner@testamericainc.com		Page: Page 2 of 2
Company: Golder Associates Inc.				Job #: 1302086
Address: 500 Century Plaza Drive Suite 190	Due Date Requested:			
City: Houston	TAT Requested (days): 5 Days			
State, Zip: TX, 77073				
Phone: 281-821-6868(Tel) 281-821-6870(Fax)	PO #: Purchase Order Requested			
Email: Christina_Higginbotham@golder.com	WO #:			
Project Name: Exide Recycling Center, Frisco TX Projec	Project #: 60004831			
Site: Exide - Frisco, TX, IDW	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	pH	TCLP Metals (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Sb, Be, Ni, Be)	Ignitability, reactivity, and corrosivity	TPH (HOLD)	TCLP VOCs (HOLD)	TCLP SVOCs (HOLD)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	A	A	A		
2014-IDW-Core-001	04/25/14	1720	G	Solid			X	X	X	X	X	X	1	
			C	Solid										
			C	Solid										
			C	Solid										
			C	Solid										
			C	Solid										
			C	Solid										
			C	Water										
			C	Water										
			C	Water										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☑ Archive until client authorizes disposal

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Chris Trevino	04/25/14 - 1900	Golder			
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

5/6/2014

TestAmerica Houston

Sample Receipt Checklist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Date/Time Received: _____

UNPACKED BY: DL CLIENT: GOLDER

JOB NUMBER: _____ CARRIER/DRIVER: FE

Custody Seal Present: ☒ YES ☐ NO Number of Coolers Received: 2

IR THERMOMETER #: 545 THERMOMETER CORRECTION FACTOR: 0.1

Temperature of the samples(s):
Temp taken by: TB = Temp. Blank and/or SC = Sample Container

Cooler ID	BW	WH							
Temp	TB / SC 5.2	TB / SC 4.9	TB / SC	TB / SC	TB / SC	TB / SC	TB / SC	TB	TB / SC
Corrected Temp	5.3	5.0							

Loc: 600
91122

Samples received on ice? ☒ YES ☐ NO

LABORATORY PRESERVATION OF SAMPLES REQUIRED: ☒ NO ☐ YES SDWC

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Lot #_____ Lot #_____

VOA headspace acceptable: ☐ YES ☐ NO VOA trip blanks included: ☐ YES ☐ NO

	YES	NO
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		

COMMENTS:

Login Sample Receipt Checklist

Client: Golder Associates Inc.

Job Number: 600-91122-1

Login Number: 91122

List Source: TestAmerica Houston

List Number: 1

Creator: Lockett, DuJuan D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.3, 5.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.