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Alpha Analytical

Laboratory Code: 11148

SDG Number: L1927636

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Project Name: 2413 THIRD AVE.
Project Number: 170396002

Lab Number: L1927636
Report Date: 06/27/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1927636-01	TP01_2-2.5	SOIL	BRONX, NY	06/21/19 10:15	06/21/19

Project Name: 2413 THIRD AVE.
Project Number: 170396002

Lab Number: L1927636
Report Date: 06/27/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 2413 THIRD AVE.
Project Number: 170396002

Lab Number: L1927636
Report Date: 06/27/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Amita Naik

Report Date: 06/27/19

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: 2413 THIRD AVE.
Project Number: 170396002

Lab Number: L1927636
Report Date: 06/27/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers





Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)
 Purge time: 11 min

Columns (length x ID x df):
 RTX-VMS 20m x 0.18mm x 1um
 RTX-VMS 30m x 0.25mm x 1.4um
 RTX-502.2 40m x 0.18mm x 1um

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)

Column Type: Restek RTX 502.2
 Column Length: 105 Meters
 df: 3.00 um
 ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: Tekmar Velocity / EST Encon
 Autosampler: Varian Archon / EST Centurion
 Purge time: 11 min

Column Type: DB-VRX
 Column Length: 60 Meters
 df: 1.40 um
 ID: 0.25 mm
 Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD

Column Type: Haysep S Column
 Column Length: 2 Meters packed
 (100/200 mesh)

Autosampler: LEAP Headspace

Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200
 Autosampler: Entech 7016CA or 7016D

Column Type: Restek RTX-1
 Column Length: 60 Meters
 df: 1.00 um
 ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material

Trap 2: Tenax: manufacturer-Entech: 20 cm packing material



Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 μ L; 2 μ L LVI
Column Type: Restek RXI-5SILMS	df: 0.32 μ m
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 μ L; 2 μ L LVI
Column Type: Restek RXI-5SILMS	df: 0.25 μ m
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1 μ L
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLP Pesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1 μ L
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	



Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm



Sample Delivery Group Summary

Alpha Job Number : L1927636

Received : 21-JUN-2019

Reviewer : Jessica Macconnell

Account Name : Langan Engineering & Environmental

Project Number : 170396002

Project Name : 2413 THIRD AVE.

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.3	

Condition Information

- | | |
|--|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between sample labels & COC? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NA |
|--|----|

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Oct 07 2019, 02:39 pm

Login Number: L1927636

Account: LANGAN-NYC Langan Engineering & Environmental Project: 170396002

Received: 21JUN19 Due Date: 27JUN19

Sample #	Client ID	Mat PR Collected
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L1927636-01 TP01_2-2.5	3 1B 21JUN19 10:15
------------------------	--------------------

RELOG OF L1927241-01 Comment PREPC: Metals ASP-B Package Due Date: 10/04/19

ASP-B, PB-CI, PREPC

Page 1

Logged By: Ben Rao

Metals

Inorganic Data (ICP Analysis)

Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Lab ID	: L1927636-01	Date Collected	: 06/21/19 10:15
Client ID	: TP01_2-2.5	Date Received	: 06/21/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/27/19 12:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1253760.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/27/19
		Date Extracted	: 06/25/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	2.13	0.500	0.027	

Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Lab ID	: WG1253737-1	Date Collected	: NA
Client ID	: WG1253737-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/27/19 11:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1253760.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/27/19
		Date Extracted	: 06/25/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	ND	0.500	0.027	U

Form 1 METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Lab ID	: WG1253737-4	Date Collected	: 06/13/19 11:00
Client ID	: WG1253737-4 DUP	Date Received	: 06/13/19
Sample Location	:	Date Analyzed	: 06/27/19 11:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1253760.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/27/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.307	0.500	0.027	J



Form 2A

Initial and Continuing Calibration Verification

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Instrument ID	: TRACE6	Units	: mg/l

Parameter	Initial Calibration			Continuing Calibration(s)					
	True	Found	%R	True	Found	%R	Found	%R	Found
Lead	0.500	0.5190	104						

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)



Form 2A

Initial and Continuing Calibration Verification

Client : Langan Engineering & Environmental Lab Number : L1927636
 Project Name : 2413 THIRD AVE. Project Number : 170396002
 Instrument ID : TRACE6 Units : mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1202414-3			R1202414-6			R1202414-8		R1202414-10	
Date Analyzed :	06/27/19 09:03			06/27/19 09:37			06/27/19 10:47		06/27/19 11:09	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Lead	0.500	0.5180	104	0.5000	0.522	104	0.521	104	0.523	104

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A

Initial and Continuing Calibration Verification

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Instrument ID	: TRACE6	Units	: mg/l

Parameter	Lab ID : Date Analyzed :	Initial Calibration			Continuing Calibration(s)						
		True	Found	%R	R1202414-12			R1202414-14			
					True	Found	%R	Found	%R	Found	%R
Lead					0.5000	0.529	106	0.531	106		

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)



Form 3 Blanks

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Instrument ID	: TRACE6		

	Initial Calibration		Continuing Calibration				Preparation	
	Blank		Blank(s)				Blank	
Lab ID	: R1202414-2		R1202414-7		R1202414-9		R1202414-11	
Date Analyzed	: 06/27/19 08:42		06/27/19 09:41		06/27/19 10:52		06/27/19 11:13	
							06/27/19 11:38	
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Lead	0.00270	U	0.00270	U	0.00270	U	0.00270	U
							0.027	U

Form 3 Blanks

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Instrument ID	: TRACE6		

Parameter	Initial Calibration		Continuing Calibration				Preparation	
	Blank		Blank(s)				Blank	
Lab ID	: R1202414-4		R1202414-13		R1202414-15			
Date Analyzed	: 06/27/19 09:07		06/27/19 12:11		06/27/19 13:10			
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Lead	0.00270	U	0.00270	U	0.00270	U		

Form 4a

Interference Check Sample

Client : Langan Engineering & Environmental Lab Number : L1927636
 Project Name : 2413 THIRD AVE. Project Number : 170396002
 Instrument ID : TRACE6 Concentration Units : mg/L

Analyte	True		Initial Found			Final Found			
	Sol.	Sol.	Sol.	%R	Sol.	%R	Sol.	%R	Sol.
	A	AB	A	%R	AB	%R	A	%R	AB
Lab ID :			R1202414-5						
Analysis Date :			06/27/19 09:26						
Lead			-0.00860						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%



Form 5a Matrix Spike

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: L1926713-01		
Matrix Spike	: WG1253737-3	MS Analysis Date	: 06/27/19 11:53
Matrix Spike Dup	:	MSD Analysis Date	:

Parameter	Sample Conc. (mg/l)	Matrix Spike Sample		%R	Matrix Spike Duplicate		%R	RPD	Recovery Limits	RPD Limit
		Spike Added (mg/l)	Spike Conc. (mg/l)		Spike Added (mg/l)	Spike Conc. (mg/l)				
Lead, TCLP	0.309J	5.1	5.46	107					75-125	20

Form 6 Lab Duplicates

Client	: Langan Engineering & Environmental	Lab Number	: L1927636
Project Name	: 2413 THIRD AVE.	Project Number	: 170396002
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: NA	Analysis Date	: 06/27/19 11:48
Dup Sample ID	: WG1253737-4	DUP Analysis Date	: 06/27/19 11:57

Parameter	Sample Concentration (mg/l)	Duplicate Concentration (mg/l)	RPD	RPD Limit
Lead, TCLP	0.309J	0.307J	NC	20

Form 7 Laboratory Control Sample

Client : Langan Engineering & Environmental Project Name : 2413 THIRD AVE. Client Sample ID : NA Lab Sample ID : WG1253737-2 Dup Sample ID :	Lab Number : L1927636 Project Number : 170396002 Matrix : SOIL LCS Analysis Date : 06/27/19 11:43 LCSD Analysis Date :
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Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R			
Lead, TCLP	5.10	5.13	100.					75-125	20

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	___
Aluminum	396.15	0.0000000	0.0000020	-0.0000310	-0.0000090	
Antimony	206.83	-0.0000020	0.0000040	-0.0000110	-0.0000050	
Arsenic	189.04	0.0000090	-0.0000010	-0.0000700	0.0000000	
Barium	455.40	-0.0000040	-0.0000020	-0.0000110	-0.0000010	
Beryllium	313.40	-0.0000020	-0.0000020	-0.0000050	0.0000000	
Cadmium	214.44	0.0000000	-0.0000030	0.0000000	-0.0000010	
Calcium	315.89	0.0000780	0.0000000	-0.0000170	0.0000710	
Chromium	267.72	0.0000050	-0.0000020	0.0000120	0.0000000	
Cobalt	228.62	-0.0000120	-0.0000060	-0.0000250	-0.0000020	
Copper	324.75	-0.0000030	-0.0000020	-0.0000040	0.0000110	
Iron	259.94	0.0000180	-0.0000120	0.0000000	-0.0000030	
Lead	220.35	0.0001100	-0.0000010	0.0000180	-0.0000010	
Magnesium	279.08	-0.0000540	-0.0000280	0.0000190	0.0000000	
Manganese	257.61	-0.0000030	-0.0000020	-0.0000080	0.0000020	
Mercury						
Nickel	231.60	-0.0000130	-0.0000050	-0.0000240	-0.0000020	
Potassium	766.49	-0.0012590	-0.0007040	-0.0028490	-0.0002350	
Selenium	196.09	-0.0000200	0.0000000	-0.0000290	-0.0000010	
Silver	328.07	-0.0000040	-0.0000020	-0.0000090	-0.0000010	
Sodium	589.59	-0.0006160	-0.0005220	-0.0020960	-0.0001600	
Thallium	190.86	-0.0000060	-0.0000040	-0.0000050	-0.0000010	
Vanadium	292.40	-0.0000050	-0.0000030	0.0000100	-0.0000020	
Zinc	206.20	0.0002750	0.0000030	-0.0007990	-0.0000040	

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	-0.0022950	-0.0018570
Antimony	206.83	0.0000000	0.0000000	0.0000000	-0.0003900	-0.0000120
Arsenic	189.04	0.0000000	0.0000000	0.0000210	-0.0001780	-0.0001730
Barium	455.40	0.0000000	0.0000000	0.0000000	-0.0002050	-0.0002030
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000860
Cadmium	214.44	0.0000000	0.0000000	0.0000000	-0.0002090	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	-0.0020880	-0.0018790
Chromium	267.72	0.0000000	0.0000000	0.0000000	-0.0002010	-0.0003100
Cobalt	228.62	0.0000000	0.0000000	0.0000000	-0.0004810	-0.0004970
Copper	324.75	0.0000000	0.0000000	0.0000000	-0.0002330	-0.0002260
Iron	259.94	0.0000000	0.0000000	0.0000000	-0.0012310	-0.0009570
Lead	220.35	0.0000000	0.0000000	0.0000000	-0.0001700	-0.0001850
Magnesium	279.08	0.0000000	0.0000000	0.0000000	-0.0022440	-0.0017830
Manganese	257.61	0.0000000	0.0000000	0.0000000	-0.0001950	-0.0002020
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	-0.0005490	-0.0005200
Potassium	766.49	0.0000000	0.0000000	0.0000000	-0.0522980	-0.0517110
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000060	0.0000030
Silver	328.07	0.0000000	0.0000000	0.0000000	-0.0001740	-0.0001560
Sodium	589.59	0.0000000	0.0000000	0.0000000	-0.0417330	-0.0407400
Thallium	190.86	0.0000000	0.0000000	0.0000000	-0.0002650	-0.0002240
Vanadium	292.40	0.0000000	0.0000000	0.0000000	-0.0002090	-0.0002040
Zinc	206.20	0.0000000	0.0000000	0.0000000	-0.0000320	-0.0009250

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	-0.0020320	-0.0005350	-0.0005960	0.0000000	-0.0003930
Antimony	206.83	0.0049920	-0.0001600	-0.0001410	0.0000000	-0.0001780
Arsenic	189.04	0.0002670	-0.0001290	-0.0000570	0.0000000	-0.0000030
Barium	455.40	-0.0002000	-0.0000500	-0.0000660	0.0000000	-0.0000350
Beryllium	313.40	-0.0000900	-0.0000220	-0.0000300	0.0000000	-0.0000110
Cadmium	214.44	-0.0000290	-0.0000520	-0.0000680	0.0000000	-0.0000270
Calcium	315.89	-0.0020720	0.0009940	-0.0005720	0.0000000	-0.0000920
Chromium	267.72	0.0000000	-0.0000480	-0.0000690	0.0000000	0.0001140
Cobalt	228.62	-0.0005870	0.0000000	-0.0001660	0.0000000	-0.0000740
Copper	324.75	-0.0002130	-0.0000490	0.0000000	0.0000000	0.0000300
Iron	259.94	-0.0010370	-0.0002940	-0.0003760	0.0000000	-0.0001890
Lead	220.35	-0.0001960	-0.0003260	0.0002710	0.0000000	0.0000640
Magnesium	279.08	-0.0024620	-0.0005640	-0.0008730	0.0000000	-0.0069760
Manganese	257.61	-0.0002060	-0.0000480	-0.0000750	0.0000000	0.0000000
Mercury						
Nickel	231.60	-0.0005230	-0.0002210	-0.0001810	0.0000000	-0.0000730
Potassium	766.49	-0.0512430	-0.0126240	-0.0178480	0.0000000	-0.0089880
Selenium	196.09	-0.0000520	0.0000530	-0.0000240	0.0000000	0.0003780
Silver	328.07	-0.0001430	-0.0000370	-0.0000450	0.0000000	0.0001940
Sodium	589.59	-0.0407180	-0.0097580	-0.0137660	0.0000000	-0.0070470
Thallium	190.86	-0.0000390	0.0020440	-0.0000840	-0.0000200	0.0003990
Vanadium	292.40	-0.0002210	-0.0000500	-0.0000650	0.0000000	0.0001060
Zinc	206.20	-0.0012900	0.0000070	0.0003430	0.0001200	-0.0001520

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Mo
Aluminum	396.15	0.0000000	0.0000960	0.0000000	0.0000000	0.0573510
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0016160
Arsenic	189.04	-0.0000310	0.0000000	0.0000000	0.0000000	0.0009550
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000010	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0009910
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000120
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004030
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0003010	0.0000000	0.0000210	0.0000000	-0.0026290
Magnesium	279.08	0.0000000	0.0000000	0.0001760	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000340	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000310	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0114090	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0003850	-0.0000480	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0007800	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-0.0092850
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	-0.0001620	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000620	0.0000000	0.0000000	0.0006770
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0019910	0.0000000	0.0000000	0.0000000	-0.0004360
Zinc	206.20					

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000930	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0002270	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	-0.0003390	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Tl	V	Zn		
Aluminum	396.15	0.0000000	0.0000000	0.0000000		
Antimony	206.83	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	455.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.40	0.0000000	0.0018940	0.0000000		
Cadmium	214.44	0.0000000	0.0000000	0.0000000		
Calcium	315.89	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	0.0000000	0.0000000		
Cobalt	228.62	0.0017990	0.0000000	0.0000000		
Copper	324.75	0.0000000	-0.0003720	0.0000000		
Iron	259.94	0.0000000	0.0000000	0.0000000		
Lead	220.35	0.0000000	-0.0001170	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	257.61	0.0000000	0.0000000	0.0000000		
Mercury						
Nickel	231.60	0.0005790	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.09	0.0000000	0.0000000	0.0000000		
Silver	328.07	0.0000000	-0.0017200	0.0000000		
Sodium	589.59	0.0000000	0.0000000	0.0000000		
Thallium	190.86	0.0000000	0.0002820	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Mo
Aluminum	396.15	0.0000000	0.0000960	0.0000000	0.0000000	0.0573510
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0016160
Arsenic	189.04	-0.0000310	0.0000000	0.0000000	0.0000000	0.0009550
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000010	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0009910
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000120
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004030
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0003010	0.0000000	0.0000210	0.0000000	-0.0026290
Magnesium	279.08	0.0000000	0.0000000	0.0001760	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000340	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000310	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____

Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____

ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0114090	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0003850	-0.0000480	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0007800	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-0.0092850
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	-0.0001620	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000620	0.0000000	0.0000000	0.0006770
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0019910	0.0000000	0.0000000	0.0000000	-0.0004360
Zinc	206.20					

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000930	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0002270	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	-0.0003390	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Tl	V	Zn		
Aluminum	396.15	0.0000000	0.0000000	0.0000000		
Antimony	206.83	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	455.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.40	0.0000000	0.0018940	0.0000000		
Cadmium	214.44	0.0000000	0.0000000	0.0000000		
Calcium	315.89	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	0.0000000	0.0000000		
Cobalt	228.62	0.0017990	0.0000000	0.0000000		
Copper	324.75	0.0000000	-0.0003720	0.0000000		
Iron	259.94	0.0000000	0.0000000	0.0000000		
Lead	220.35	0.0000000	-0.0001170	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	257.61	0.0000000	0.0000000	0.0000000		
Mercury						
Nickel	231.60	0.0005790	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.09	0.0000000	0.0000000	0.0000000		
Silver	328.07	0.0000000	-0.0017200	0.0000000		
Sodium	589.59	0.0000000	0.0000000	0.0000000		
Thallium	190.86	0.0000000	0.0002820	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Mo
Aluminum	396.15	0.0000000	0.0000960	0.0000000	0.0000000	0.0573510
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0016160
Arsenic	189.04	0.0001500	0.0000000	-0.0004550	0.0000000	0.0038670
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000380	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0009910
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000120
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004030
Iron	259.94	0.0000000	0.0000000	0.0000340	0.0000000	0.0000000
Lead	220.35	0.0001750	0.0000000	0.0002100	0.0000000	-0.0026290
Magnesium	279.08	0.0000000	0.0000000	0.0001760	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	-0.0000350	0.0000000	0.0000000	0.0000000	0.0000180
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000100	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____

Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____

ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0114090	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0017890	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0007800	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-0.0092850
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	-0.0001620	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000620	0.0000000	0.0000000	0.0006770
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0019910	0.0000000	0.0000000	0.0000000	-0.0004360
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000930	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0002270	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	-0.0003390	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Tl	V	Zn		
Aluminum	396.15	0.0000000	0.0000000	0.0000000		
Antimony	206.83	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	455.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.40	0.0000000	0.0018940	0.0000000		
Cadmium	214.44	0.0000000	0.0000000	0.0000000		
Calcium	315.89	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	0.0000000	0.0000000		
Cobalt	228.62	0.0017990	0.0000000	0.0000000		
Copper	324.75	0.0000000	0.0000000	0.0000000		
Iron	259.94	0.0000000	0.0000000	0.0000000		
Lead	220.35	0.0000000	-0.0001170	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	257.61	0.0000000	0.0000000	0.0000000		
Mercury						
Nickel	231.60	0.0005790	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.09	0.0000000	0.0000000	0.0000000		
Silver	328.07	0.0000000	0.0000000	0.0000000		
Sodium	589.59	0.0000000	0.0000000	0.0000000		
Thallium	190.86	0.0000000	0.0000000	0.0000000		
Vanadium	292.40	0.0011610	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE4

Date: 12/01/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		5000.0	
Antimony		25.0	
Arsenic		100.0	
Barium		100.0	
Beryllium		50.0	
Cadmium		25.0	
Calcium		500.0	
Chromium		50.0	
Cobalt		100.0	
Copper		100.0	
Iron		750.0	
Lead		500.0	
Magnesium		500.0	
Manganese		100.0	
Mercury			
Nickel		100.0	
Potassium		1000.0	
Selenium		100.0	
Silver		100.0	
Sodium		1000.0	
Thallium		200.0	
Vanadium		100.0	
Zinc		50.0	

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE5

Date: 12/01/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		1000.0	
Antimony		100.0	
Arsenic		50.0	
Barium		50.0	
Beryllium		50.0	
Cadmium		50.0	
Calcium		1000.0	
Chromium		50.0	
Cobalt		50.0	
Copper		100.0	
Iron		500.0	
Lead		200.0	
Magnesium		1000.0	
Manganese		100.0	
Mercury			
Nickel		200.0	
Potassium		1000.0	
Selenium		20.0	
Silver		100.0	
Sodium		1000.0	
Thallium		500.0	
Vanadium		100.0	
Zinc		20.0	

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE6

Date: 11/10/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		750.0	
Antimony		100.0	
Arsenic		100.0	
Barium		20.0	
Beryllium		10.0	
Cadmium		10.0	
Calcium		750.0	
Chromium		10.0	
Cobalt		100.0	
Copper		50.0	
Iron		500.0	
Lead		100.0	
Magnesium		750.0	
Manganese		10.0	
Mercury			
Nickel		50.0	
Potassium		750.0	
Selenium		100.0	
Silver		10.0	
Sodium		500.0	
Thallium		100.0	
Vanadium		100.0	
Zinc		50.0	

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE7

Date: 05/17/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		700.0	
Antimony		5.0	
Arsenic		100.0	
Barium		15.0	
Beryllium		10.0	
Cadmium		100.0	
Calcium		1000.0	
Chromium		50.0	
Cobalt		5.0	
Copper		100.0	
Iron		500.0	
Lead		100.0	
Magnesium		1000.0	
Manganese		100.0	
Mercury			
Nickel		25.0	
Potassium		1000.0	
Selenium		25.0	
Silver		10.0	
Sodium		450.0	
Thallium		25.0	
Vanadium		100.0	
Zinc		25.0	

Comments:

Form 12

Preparation Log

Client : Langan Engineering & Environmental Lab Number : L1927636
Project Name : 2413 THIRD AVE. Project Number : 170396002
Matrix : SOIL Prep Method : EPA 3015

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L1927636-01	06/27/19 09:08	-	5
WG1253737-1	06/27/19 09:08	-	5
WG1253737-2	06/27/19 09:08	-	5
WG1253737-3	06/27/19 09:08	-	5
WG1253737-4	06/27/19 09:08	-	5

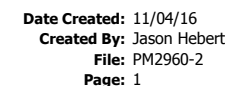
Form 13

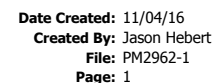
Analysis Run Log

Client : Langan Engineering & Environmental
Project Name : 2413 THIRD AVE.
Instrument ID : TRACE6
Start Date : 06/27/19 08:38

Lab Number : L1927636
Project Number : 170396002
Analysis Method : 1,6010D
End Date : 06/27/19 13:10

[illegible]

[illegible]

[illegible]

Westborough, MA • Mansfield, MA • Bangor, ME • Portsmouth, NH • Mahwah, NJ • Albany, NY • Buffalo, NY • Holmes, PA



Sample Name: Std 0 Acquired: 6/27/2019 8:19:35 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

REVIEWED
By dmorisseau at 9:46 am, Jul 01, 2019

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-0.0005	-0.0001	-0.0003	.0008	.0017	-0.0001	.0010	.0015	-0.0000	.0001
Stddev	.0001	.0002	.0000	.0001	.0004	.0002	.0001	.0008	.0001	.0001
%RSD	24.80	162.7	11.89	16.37	22.66	298.9	6.621	50.10	1596.	152.1
#1	-0.0006	-0.0002	-0.0003	.0009	.0014	-0.0001	.0009	.0024	.0001	.0000
#2	-0.0004	.0001	-0.0003	.0008	.0016	-0.0003	.0009	.0012	-0.0000	.0002
#3	-0.0005	-0.0003	-0.0003	.0007	.0021	.0001	.0010	.0010	-0.0001	-0.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	.0046	.0003	-0.0030	.0030	-0.0002	.0006	.0057	-0.0001	-0.0004
Stddev	.0000	.0001	.0001	.0008	.0001	.0001	.0001	.0007	.0001	.0001
%RSD	7.498	1.551	28.27	27.80	4.590	60.64	10.01	13.19	121.9	33.83
#1	.0003	.0046	.0003	-0.0036	.0031	-0.0003	.0006	.0050	-0.0002	-0.0005
#2	.0004	.0046	.0004	-0.0033	.0029	-0.0001	.0005	.0055	-0.0001	-0.0003
#3	.0003	.0045	.0002	-0.0020	.0028	-0.0002	.0006	.0065	.0000	-0.0003
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-0.0001	.0004	.0036	.0002	-0.0006	.0004	-0.0001	.0005	.0030	
Stddev	.0001	.0001	.0001	.0001	.0002	.0001	.0000	.0000	.0001	
%RSD	140.9	16.28	2.307	21.58	33.81	17.47	55.69	6.019	4.918	
#1	-0.0000	.0004	.0037	.0003	-0.0006	.0005	-0.0000	.0004	.0031	
#2	-0.0001	.0003	.0036	.0002	-0.0004	.0004	-0.0001	.0005	.0031	
#3	.0000	.0004	.0036	.0002	-0.0009	.0005	-0.0001	.0004	.0029	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	8154.4	41994.	17074.							
Stddev	163.5	83.	67.							
%RSD	2.0050	.19716	.39024							
#1	8048.9	41900.	17052.							
#2	8071.5	42027.	17149.							
#3	8342.7	42056.	17022.							

Sample Name: Std 1 ICAL Acquired: 6/27/2019 8:24:23 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.8145	.1089	.0666	.3317	3.729	5.860	.2330	.0609	3.188	1.134
Stddev	.0010	.0006	.0012	.0054	.003	.012	.0035	.0002	.055	.019
%RSD	.1236	.5181	1.856	1.618	.0696	.1990	1.507	.2665	1.720	1.673

#1	.8136	.1084	.0674	.3348	3.731	5.847	.2350	.0611	3.219	1.145
#2	.8156	.1088	.0671	.3347	3.729	5.870	.2350	.0608	3.221	1.144
#3	.8143	.1096	.0651	.3255	3.726	5.862	.2289	.0608	3.125	1.112

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4227	.8780	.1186	.1044	.6810	.6403	.6473	.1748	.1157	.0541
Stddev	.0003	.0006	.0006	.0003	.0008	.0100	.0107	.0027	.0013	.0008
%RSD	.0699	.0644	.4934	.3026	.1240	1.567	1.654	1.520	1.104	1.458

#1	.4224	.8782	.1182	.1042	.6804	.6455	.6537	.1764	.1161	.0546
#2	.4228	.8784	.1193	.1042	.6820	.6467	.6533	.1764	.1168	.0545
#3	.4229	.8773	.1185	.1047	.6806	.6288	.6350	.1718	.1143	.0532

Elem	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1747	4.857	.9438	.1123	.6781	.8452
Stddev	.0029	.006	.0004	.0020	.0014	.0154
%RSD	1.670	.1240	.0415	1.770	.2057	1.822

#1	.1763	4.856	.9434	.1138	.6766	.8548
#2	.1765	4.863	.9441	.1129	.6794	.8535
#3	.1714	4.851	.9438	.1100	.6784	.8275

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8061.0	42029.	17374.
Stddev	106.0	49.	70.
%RSD	1.3150	.11753	.40166

#1	7994.6	42082.	17448.
#2	8005.3	41983.	17367.
#3	8183.3	42023.	17309.

Sample Name: Std 3 25 Fe K Na Si Acquired: 6/27/2019 8:28:50 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.692	2.915	1.131	3.808	1.518
Stddev	.005	.010	.002	.015	.039
%RSD	.1863	.3358	.1742	.4003	2.594

#1	2.697	2.926	1.134	3.825	1.540
#2	2.690	2.910	1.130	3.803	1.542
#3	2.688	2.908	1.130	3.796	1.473

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	8059.2	17298.
Stddev	164.6	38.
%RSD	2.0422	.21729

#1	7980.8	17267.
#2	7948.6	17340.
#3	8248.4	17289.

Sample Name: Std 2 10 Ca Mg Si Acquired: 6/27/2019 8:33:36 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.5998	1.075	.6804
Stddev	.0015	.002	.0198
%RSD	.2426	.2111	2.909

#1	.5989	1.073	.6924
#2	.6015	1.077	.6912
#3	.5990	1.076	.6576

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	8123.7	17338.
Stddev	175.0	44.
%RSD	2.1542	.25103

#1	8027.5	17386.
#2	8017.9	17301.
#3	8325.7	17326.

Sample Name: ICV Acquired: 6/27/2019 8:38:23 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010	.5244	W .5350	.5091	.5011	.5094	-.0023	.5002	.4985	.4921
Stddev	.0006	.0043	.0113	.0109	.0007	.0010	.0004	.0030	.0092	.0095
%RSD	.1226	.8123	2.105	2.132	.1302	.2051	16.21	.5965	1.839	1.923
#1	.5008	.5217	.5402	.5155	.5005	.5102	-.0019	.5036	.5039	.4980
#2	.5016	.5221	.5427	.5151	.5010	.5097	-.0023	.4979	.5036	.4972
#3	.5004	.5293	.5220	.4965	.5018	.5082	-.0027	.4993	.4879	.4812

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5274							
Low Limit			.4726							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035	.4928	.5140	4.998	.5003	.4938	.4903	9.972	.5095	.5194
Stddev	.0005	.0005	.0017	.012	.0048	.0010	.0096	.019	.0100	.0085
%RSD	.1070	.0951	.3303	.2374	.9532	.1986	1.950	.1930	1.965	1.642
#1	.5039	.4923	.5141	4.988	.4974	.4940	.4954	9.980	.5146	.5248
#2	.5037	.4931	.5156	5.011	.5058	.4947	.4962	9.987	.5159	.5239
#3	.5029	.4931	.5122	4.995	.4976	.4928	.4793	9.950	.4980	.5096

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5055	.5058	5.396	.4998	.4864	.5002	.5013	.5092	.5148
Stddev	.0081	.0099	.109	.0090	.0002	.0001	.0095	.0004	.0096
%RSD	1.609	1.951	2.022	1.799	.0465	.0198	1.886	.0752	1.858
#1	.5087	.5108	5.460	.5043	.4862	.5002	.5067	.5097	.5211
#2	.5116	.5121	5.458	.5056	.4863	.5001	.5069	.5090	.5197
#3	.4963	.4944	5.270	.4894	.4866	.5003	.4904	.5090	.5038

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8108.3	41816.	17306.
Stddev	142.8	41.	55.
%RSD	1.7609	.09699	.31869
#1	8028.1	41863.	17318.
#2	8023.6	41794.	17246.
#3	8273.1	41791.	17355.

Sample Name: ICB Acquired: 6/27/2019 8:42:55 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	-.0050	.0009	.0008	.0005	.0003	-.0000	-.0047	.0003	.0003
Stddev	.0001	.0023	.0006	.0007	.0000	.0000	.0003	.0015	.0000	.0002
%RSD	10.07	46.34	62.00	87.67	8.524	12.37	1739.	31.84	11.19	54.24
#1	.0009	-.0031	.0016	.0009	.0005	.0003	.0001	-.0039	.0003	.0003
#2	.0008	-.0075	.0007	.0001	.0005	.0003	-.0004	-.0037	.0003	.0004
#3	.0008	-.0043	.0005	.0015	.0004	.0003	.0002	-.0064	.0002	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0004	.0023	.0274	-.0105	.0006	.0015	.0052	.0003	-.0004
Stddev	.0001	.0001	.0001	.0059	.0020	.0002	.0004	.0014	.0001	.0002
%RSD	20.83	32.07	4.937	21.43	18.90	31.05	24.43	27.49	35.49	54.16
#1	.0004	.0005	.0024	.0306	-.0115	.0005	.0019	.0037	.0004	-.0005
#2	.0006	.0003	.0022	.0206	-.0082	.0005	.0015	.0053	.0003	-.0002
#3	.0004	.0005	.0024	.0310	-.0118	.0008	.0012	.0065	.0002	-.0006

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	-.0008	-.0018	.0009	.0003	.0005	.0001	.0003	-.0006
Stddev	.0008	.0011	.0010	.0003	.0000	.0001	.0003	.0001	.0001
%RSD	13.56	143.0	53.64	28.34	13.70	21.50	273.5	24.32	16.87
#1	.0064	.0002	-.0007	.0011	.0003	.0006	.0005	.0003	-.0005
#2	.0064	-.0020	-.0023	.0011	.0003	.0005	.0000	.0002	-.0006
#3	.0050	-.0005	-.0024	.0006	.0004	.0004	-.0002	.0003	-.0008

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8294.0	42529.	17346.
Stddev	248.3	75.	72.
%RSD	2.9933	.17641	.41291
#1	8135.3	42608.	17317.
#2	8166.6	42459.	17428.
#3	8580.1	42520.	17294.

Sample Name: ICV Acquired: 6/27/2019 9:03:25 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4981	.5184	W .5334	.5067	.5039	.5089	-.0018	.4869	.4936	.4916
Stddev	.0005	.0028	.0100	.0106	.0003	.0007	.0004	.0020	.0084	.0094
%RSD	.1053	.5496	1.867	2.094	.0521	.1369	24.61	.4150	1.709	1.921
#1	.4987	.5208	.5370	.5125	.5039	.5084	-.0013	.4893	.4986	.4971
#2	.4979	.5190	.5409	.5132	.5037	.5087	-.0022	.4859	.4984	.4971
#3	.4978	.5152	.5221	.4945	.5042	.5097	-.0019	.4856	.4839	.4807

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5274							
Low Limit			.4726							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5003	.5031	.5126	4.987	.4782	.4942	.4962	9.962	.5096	.5179
Stddev	.0012	.0004	.0018	.013	.0022	.0002	.0088	.037	.0101	.0088
%RSD	.2498	.0860	.3420	.2654	.4503	.0408	1.768	.3764	1.980	1.705
#1	.5013	.5030	.5122	5.001	.4783	.4944	.5008	9.968	.5152	.5227
#2	.4989	.5036	.5145	4.974	.4759	.4940	.5018	9.922	.5157	.5233
#3	.5006	.5028	.5111	4.987	.4802	.4942	.4861	9.996	.4980	.5077

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083	.5049	5.421	.4983	.4955	.5033	.5000	.5117	.5057
Stddev	.0071	.0117	.105	.0102	.0011	.0001	.0080	.0005	.0083
%RSD	1.395	2.310	1.933	2.042	.2163	.0158	1.594	.1022	1.648
#1	.5101	.5091	5.472	.5012	.4955	.5033	.5034	.5122	.5109
#2	.5143	.5138	5.490	.5067	.4945	.5034	.5056	.5112	.5101
#3	.5005	.4917	5.301	.4870	.4966	.5032	.4908	.5115	.4961

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8092.7	42149.	17622.
Stddev	127.0	58.	42.
%RSD	1.5691	.13773	.23569
#1	8039.2	42083.	17609.
#2	8001.2	42193.	17668.
#3	8237.7	42169.	17588.

Sample Name: ICB Acquired: 6/27/2019 9:07:56 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0008	-.0003	.0009	.0004	.0004	-.0003	-.0044	.0002	.0003
Stddev	.0001	.0024	.0005	.0004	.0001	.0000	.0004	.0022	.0000	.0001
%RSD	24.61	299.9	198.3	41.07	23.05	11.53	120.8	50.31	11.41	47.41

#1	.0006	-.0010	.0003	.0011	.0004	.0003	-.0007	-.0052	.0003	.0001
#2	.0004	-.0001	-.0003	.0010	.0003	.0004	-.0002	-.0062	.0002	.0004
#3	.0006	.0035	-.0007	.0005	.0004	.0004	-.0000	-.0019	.0002	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0007	.0017	.0385	-.0128	.0006	.0012	.0093	.0002	.0000
Stddev	.0001	.0001	.0012	.0046	.0010	.0001	.0002	.0023	.0001	.0004
%RSD	29.45	16.44	69.90	12.06	7.763	12.82	16.20	25.27	47.51	995.9

#1	.0006	.0008	.0003	.0353	-.0137	.0005	.0014	.0080	.0004	.0004
#2	.0003	.0008	.0021	.0438	-.0117	.0007	.0013	.0078	.0001	-.0003
#3	.0004	.0006	.0026	.0363	-.0131	.0007	.0010	.0120	.0002	.0000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	-.0007	-.0027	.0005	.0004	.0003	-.0003	.0004	-.0012
Stddev	.0008	.0015	.0013	.0002	.0000	.0000	.0005	.0001	.0001
%RSD	13.51	208.4	48.10	46.58	11.04	11.40	192.2	31.27	12.31

#1	.0068	-.0023	-.0013	.0008	.0003	.0003	-.0009	.0004	-.0010
#2	.0052	.0005	-.0030	.0003	.0004	.0003	-.0000	.0006	-.0013
#3	.0058	-.0003	-.0038	.0004	.0004	.0003	.0001	.0003	-.0012

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8206.4	42472.	17423.
Stddev	264.1	50.	55.
%RSD	3.2182	.11731	.31461

#1	8056.2	42458.	17482.
#2	8051.7	42527.	17411.
#3	8511.4	42430.	17375.

Sample Name: 0.005 Acquired: 6/27/2019 9:12:44 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1243835 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054	.0043	.0055	.0056	.0052	.0053	.0035	-.0034	.0052	.0052
Stddev	.0000	.0027	.0006	.0002	.0000	.0001	.0005	.0019	.0001	.0001
%RSD	.0619	61.56	11.38	3.996	.8036	1.511	14.99	55.30	2.877	1.452

#1	.0054	.0024	.0057	.0056	.0052	.0053	.0037	-.0039	.0053	.0052
#2	.0054	.0032	.0048	.0059	.0051	.0052	.0039	-.0049	.0052	.0053
#3	.0054	.0074	.0060	.0054	.0052	.0052	.0029	-.0013	.0050	.0051

Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None	None	Chk Pass	None
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053	.0054	.0043	.0827	-.0093	.0054	.0052	.0006	.0052	.0049
Stddev	.0002	.0002	.0001	.0099	.0009	.0002	.0001	.0007	.0001	.0005
%RSD	2.959	3.451	2.863	12.01	9.402	4.398	2.790	120.2	2.773	9.304

#1	.0051	.0056	.0043	.0716	-.0101	.0056	.0053	.0003	.0053	.0052
#2	.0054	.0055	.0044	.0860	-.0083	.0051	.0051	.0000	.0052	.0044
#3	.0054	.0052	.0041	.0906	-.0093	.0054	.0051	.0014	.0050	.0051

Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	.0036	-.0062	.0045	.0053	.0052	.0046	.0052	.0033
Stddev	.0009	.0005	.0003	.0001	.0001	.0001	.0009	.0001	.0002
%RSD	17.65	15.05	4.762	3.270	1.462	1.395	20.59	1.735	7.617

#1	.0047	.0034	-.0059	.0046	.0053	.0052	.0055	.0053	.0035
#2	.0063	.0032	-.0064	.0046	.0052	.0052	.0036	.0052	.0034
#3	.0048	.0042	-.0063	.0044	.0053	.0053	.0047	.0051	.0030

Check ?	None	None	None	None	None	None	None	None	None
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8125.0	42408.	17490.
Stddev	189.5	75.	151.
%RSD	2.3322	.17741	.86264

#1	8021.2	42377.	17376.
#2	8010.1	42493.	17661.
#3	8343.7	42352.	17434.

Sample Name: 0.01 Acquired: 6/27/2019 9:17:32 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1243835 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104	.0051	.0099	.0101	.0101	.0100	.0093	.0034	.0099	.0099
Stddev	.0002	.0022	.0005	.0005	.0001	.0001	.0002	.0012	.0002	.0002
%RSD	1.942	43.03	4.782	5.254	.6218	.5098	2.215	35.57	2.488	2.468

#1	.0102	.0050	.0102	.0106	.0101	.0099	.0092	.0038	.0101	.0100
#2	.0106	.0074	.0093	.0102	.0100	.0099	.0091	.0020	.0101	.0101
#3	.0103	.0030	.0101	.0096	.0101	.0100	.0095	.0043	.0096	.0097

Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	None	None	None	None	Chk Pass
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099	.0105	.0094	.1307	-.0036	.0102	.0101	.0056	.0101	.0095
Stddev	.0001	.0001	.0007	.0175	.0024	.0003	.0003	.0024	.0002	.0003
%RSD	1.002	.8611	7.072	13.38	68.18	2.769	3.214	43.73	1.688	3.268

#1	.0098	.0105	.0086	.1154	-.0064	.0104	.0104	.0046	.0101	.0096
#2	.0100	.0105	.0099	.1270	-.0023	.0103	.0102	.0038	.0102	.0098
#3	.0099	.0106	.0096	.1498	-.0020	.0099	.0097	.0084	.0099	.0092

Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value										
Range										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081	.0090	-.0007	.0086	.0103	.0099	.0099	.0099	.0078
Stddev	.0003	.0009	.0008	.0005	.0001	.0001	.0012	.0001	.0001
%RSD	3.489	10.55	110.7	5.389	.5549	1.226	11.76	1.026	1.305

#1	.0082	.0092	-.0002	.0082	.0103	.0098	.0094	.0098	.0080
#2	.0078	.0098	-.0003	.0091	.0103	.0099	.0112	.0100	.0078
#3	.0083	.0079	-.0016	.0085	.0102	.0100	.0091	.0099	.0078

Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8104.5	42231.	17470.
Stddev	171.2	7.	34.
%RSD	2.1129	.01748	.19728

#1	8014.9	42224.	17449.
#2	7996.6	42230.	17452.
#3	8301.9	42239.	17510.

Sample Name: 0.05 Acquired: 6/27/2019 9:22:16 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1243835 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503	.0458	.0503	.0497	.0506	.0510	.0498	.0409	.0498	.0504
Stddev	.0001	.0040	.0019	.0015	.0000	.0001	.0016	.0016	.0013	.0014
%RSD	.1278	8.724	3.808	2.972	.0896	.1417	3.146	3.943	2.543	2.861

#1	.0503	.0503	.0511	.0507	.0506	.0509	.0504	.0399	.0507	.0513
#2	.0502	.0429	.0517	.0504	.0507	.0510	.0510	.0428	.0505	.0512
#3	.0503	.0441	.0481	.0480	.0506	.0510	.0480	.0401	.0484	.0488

Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None	None
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515	.0526	.0571	2.575	W .0368	.0513	.0504	2.080	.0511	.0494
Stddev	.0003	.0001	.0004	.003	.0021	.0002	.0012	.001	.0013	.0008
%RSD	.5363	.2603	.6475	.1323	5.777	.3938	2.419	.0533	2.622	1.525

#1	.0512	.0526	.0575	2.577	.0357	.0513	.0510	2.081	.0518	.0501
#2	.0516	.0525	.0567	2.571	.0355	.0514	.0512	2.079	.0519	.0494
#3	.0517	.0527	.0571	2.578	.0393	.0510	.0490	2.080	.0495	.0486

Check ?	None	None	Chk Pass	Chk Pass	Chk Warn	None	None	Chk Pass	None	None
Value					.0602					
Range					.0398					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466	.0487	.5288	.0482	.0514	.0510	.0480	.0510	.0474
Stddev	.0011	.0014	.0163	.0009	.0002	.0001	.0008	.0002	.0013
%RSD	2.461	2.809	3.078	1.893	.3224	.1052	1.766	.3225	2.781

#1	.0471	.0493	.5381	.0486	.0514	.0510	.0484	.0510	.0482
#2	.0475	.0496	.5384	.0488	.0513	.0510	.0485	.0509	.0481
#3	.0453	.0471	.5100	.0471	.0516	.0511	.0470	.0512	.0458

Check ?	Chk Pass	None	Chk Pass	None	None	None	None	None	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8052.0	42004.	17392.
Stddev	191.5	22.	24.
%RSD	2.3785	.05139	.13885

#1	7943.5	41979.	17368.
#2	7939.3	42020.	17416.
#3	8273.1	42011.	17391.

Sample Name: ICSA Acquired: 6/27/2019 9:26:56 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	273.3	-.0036	.0064	.0007	.0000	.0062	246.6	.0019	.0001
Stddev	.0002	.8	.0003	.0004	.0001	.0000	.0006	1.1	.0001	.0001
%RSD	19.45	.2832	7.952	6.333	11.53	59.94	9.888	.4437	3.662	43.17

#1	.0010	274.2	-.0035	.0061	.0008	.0000	.0067	247.6	.0019	.0002
#2	.0007	272.8	-.0039	.0068	.0008	.0000	.0064	246.8	.0020	.0002
#3	.0007	273.0	-.0034	.0062	.0006	.0000	.0055	245.5	.0019	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	-.0010	98.96	.0053	237.8	-.0009	.0000	.0811	.0045	-.0086
Stddev	.0002	.0003	.55	.0117	.8	.0002	.0002	.0033	.0000	.0015
%RSD	7.201	30.09	.5583	222.1	.3523	18.52	640.9	4.103	1.017	17.45

#1	.0034	-.0007	99.34	-.0068	238.3	-.0009	-.0002	.0778	.0045	-.0086
#2	.0034	-.0013	99.21	.0165	238.2	-.0011	.0000	.0812	.0045	-.0072
#3	.0030	-.0011	98.33	.0061	236.8	-.0008	.0003	.0845	.0044	-.0102

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070	.0062	.0048	.0021	-.0007	.0009	-.0007	.0027	.0024
Stddev	.0014	.0021	.0001	.0008	.0001	.0002	.0007	.0000	.0003
%RSD	20.33	34.74	2.126	35.14	13.13	25.12	99.99	1.353	14.05

#1	.0087	.0061	.0047	.0013	-.0007	.0010	-.0002	.0026	.0023
#2	.0060	.0083	.0049	.0023	-.0007	.0011	-.0004	.0027	.0027
#3	.0064	.0040	.0047	.0028	-.0008	.0007	-.0016	.0027	.0021

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7257.5	37439.	16632.
Stddev	199.2	40.	50.
%RSD	2.7451	.10609	.29906

#1	7153.4	37406.	16591.
#2	7131.8	37429.	16617.
#3	7487.2	37483.	16687.

Sample Name: IPC Acquired: 6/27/2019 9:31:55 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	F .1294	.0022	.0009	.0001	-.0001	.0020	F .1156	-.0000	.0023
Stddev	.0001	.0098	.0006	.0003	.0001	.0000	.0005	.0105	.0000	.0001
%RSD	6.056	7.581	28.97	37.40	82.38	7.274	23.79	9.056	110.6	3.521
#1	.0015	.1183	.0027	.0012	.0002	-.0002	.0025	.1042	.0000	.0022
#2	.0014	.1328	.0015	.0011	.0000	-.0001	.0019	.1180	-.0000	.0024
#3	.0016	.1371	.0023	.0005	.0002	-.0001	.0016	.1247	-.0000	.0023

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.1000						.1000		
Low Limit		-.1000						-.1000		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17	.0016	F .0626	.0178	.0297	10.51	-.0007	-.0045	-.0000	-.0009
Stddev	.04	.0001	.0039	.0019	.0087	.10	.0001	.0009	.0001	.0003
%RSD	.3662	3.725	6.283	10.59	29.35	.9158	16.61	20.17	258.4	31.83
#1	10.20	.0016	.0584	.0193	.0392	10.62	-.0007	-.0056	.0000	-.0007
#2	10.19	.0016	.0632	.0185	.0276	10.44	-.0005	-.0041	-.0000	-.0012
#3	10.13	.0015	.0663	.0157	.0222	10.47	-.0007	-.0039	-.0001	-.0008

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0500							
Low Limit			-.0500							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176	.0004	-.0010	-.0014	.0001	.0018	-.0076	10.66	-.0028
Stddev	.0065	.0016	.0007	.0003	.0001	.0001	.0006	.02	.0000
%RSD	36.86	454.2	76.86	21.92	94.94	4.079	7.269	.1710	.9188
#1	.0216	-.0013	-.0010	-.0018	-.0000	.0018	-.0080	10.67	-.0029
#2	.0210	.0019	-.0002	-.0012	.0001	.0017	-.0070	10.68	-.0028
#3	.0101	.0005	-.0016	-.0014	.0001	.0019	-.0079	10.64	-.0028

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7983.0	41902.	17402.
Stddev	267.9	20.	125.
%RSD	3.3557	.04889	.72038
#1	7860.3	41925.	17291.
#2	7798.5	41887.	17538.
#3	8290.3	41893.	17377.

Sample Name: CCV Acquired: 6/27/2019 9:37:01 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5045	.5372	.5424	.5144	.5117	.5117	-.0025	.5051	.4938	.4935
Stddev	.0008	.0048	.0101	.0108	.0007	.0009	.0003	.0056	.0083	.0089
%RSD	.1577	.9025	1.866	2.090	.1343	.1760	11.75	1.114	1.675	1.798

#1	.5036	.5323	.5490	.5200	.5116	.5124	-.0021	.4986	.4982	.4981
#2	.5045	.5371	.5474	.5211	.5110	.5120	-.0027	.5087	.4990	.4991
#3	.5052	.5420	.5307	.5020	.5124	.5107	-.0025	.5080	.4843	.4832

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070	.5135	.5260	5.042	.4975	.5017	.5013	10.19	.5135	.5220
Stddev	.0005	.0013	.0002	.006	.0011	.0004	.0088	.01	.0092	.0095
%RSD	.0899	.2573	.0447	.1192	.2160	.0778	1.753	.1086	1.797	1.818

#1	.5065	.5122	.5260	5.042	.4988	.5018	.5058	10.21	.5183	.5265
#2	.5074	.5149	.5263	5.035	.4968	.5013	.5069	10.19	.5193	.5284
#3	.5070	.5133	.5259	5.047	.4970	.5021	.4911	10.19	.5029	.5111

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5155	.5117	5.490	.4986	.5051	.5108	.5015	.5225	.5040
Stddev	.0077	.0097	.105	.0088	.0009	.0015	.0093	.0017	.0080
%RSD	1.492	1.902	1.903	1.766	.1800	.3026	1.847	.3244	1.586

#1	.5189	.5189	5.548	.5029	.5048	.5094	.5042	.5210	.5081
#2	.5209	.5157	5.552	.5044	.5044	.5125	.5091	.5243	.5091
#3	.5067	.5007	5.369	.4884	.5062	.5106	.4912	.5221	.4948

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7946.6	41403.	17480.
Stddev	133.7	88.	43.
%RSD	1.6823	.21248	.24645

#1	7865.4	41483.	17490.
#2	7873.5	41309.	17433.
#3	8100.9	41417.	17517.

Sample Name: CCB Acquired: 6/27/2019 9:41:33 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0103	.0000	.0005	.0004	.0003	-.0002	.0047	.0002	.0002
Stddev	.0002	.0032	.0003	.0001	.0001	.0000	.0008	.0003	.0001	.0001
%RSD	27.64	31.39	1284.	15.44	25.90	4.392	321.9	6.933	22.15	41.82
#1	.0006	.0066	-.0002	.0006	.0005	.0004	-.0010	.0045	.0003	.0002
#2	.0007	.0124	.0003	.0005	.0003	.0003	.0005	.0051	.0002	.0004
#3	.0004	.0120	-.0000	.0004	.0005	.0003	-.0002	.0045	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	.0008	.0059	.0364	-.0016	.0023	.0014	.0016	.0003	-.0006
Stddev	.0004	.0002	.0008	.0049	.0036	.0002	.0003	.0026	.0002	.0010
%RSD	16.79	19.50	12.92	13.40	218.1	8.822	21.67	158.5	60.65	158.1
#1	.0023	.0008	.0062	.0308	-.0023	.0021	.0017	-.0011	.0006	-.0018
#2	.0023	.0010	.0051	.0396	.0022	.0024	.0014	.0039	.0002	-.0004
#3	.0017	.0007	.0065	.0388	-.0049	.0025	.0011	.0021	.0003	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054	-.0010	-.0021	.0006	.0003	.0004	-.0006	.0021	-.0014
Stddev	.0012	.0011	.0008	.0001	.0001	.0002	.0005	.0002	.0001
%RSD	22.59	107.2	40.27	17.19	25.24	43.33	77.92	10.76	4.772
#1	.0068	-.0005	-.0014	.0007	.0002	.0006	-.0011	.0022	-.0014
#2	.0047	-.0003	-.0019	.0005	.0004	.0002	-.0006	.0023	-.0014
#3	.0046	-.0023	-.0030	.0006	.0004	.0003	-.0001	.0019	-.0015

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8084.8	41848.	17269.
Stddev	240.2	45.	105.
%RSD	2.9712	.10704	.60869
#1	7945.2	41830.	17154.
#2	7947.0	41899.	17360.
#3	8362.2	41815.	17292.

Sample Name: IPC Acquired: 6/27/2019 9:47:09 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0054	.0025	-.0003	.0001	-.0001	.0013	-.0238	.0000	.0023
Stddev	.0003	.0004	.0006	.0001	.0000	.0000	.0004	.0017	.0000	.0001
%RSD	18.54	7.544	26.26	19.75	8.056	13.24	34.57	7.218	11.19	4.583

#1	.0015	-.0050	.0028	-.0002	.0001	-.0001	.0017	-.0219	.0000	.0024
#2	.0018	-.0056	.0029	-.0004	.0001	-.0001	.0008	-.0253	.0000	.0024
#3	.0013	-.0058	.0017	-.0003	.0001	-.0001	.0013	-.0244	.0000	.0022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.668	.0009	.0079	.0213	-.0798	9.810	-.0001	-.0090	.0006	-.0000
Stddev	.023	.0001	.0014	.0126	.0025	.001	.0000	.0013	.0002	.0010
%RSD	.2424	7.823	17.19	58.98	3.074	.0104	20.99	14.73	26.91	25170.

#1	9.665	.0009	.0070	.0350	-.0816	9.810	-.0001	-.0076	.0007	-.0011
#2	9.646	.0009	.0072	.0189	-.0807	9.810	-.0002	-.0092	.0004	.0006
#3	9.692	.0010	.0094	.0102	-.0770	9.808	-.0001	-.0102	.0007	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150	.0011	-.0012	-.0010	.0001	.0018	-.0075	9.984	-.0046
Stddev	.0055	.0001	.0012	.0003	.0000	.0003	.0003	.037	.0001
%RSD	36.71	7.127	95.94	26.84	18.97	14.78	4.220	.3674	1.590

#1	.0178	.0012	-.0002	-.0010	.0001	.0020	-.0072	9.961	-.0047
#2	.0184	.0012	-.0009	-.0007	.0001	.0020	-.0075	9.965	-.0046
#3	.0086	.0011	-.0025	-.0013	.0001	.0015	-.0079	10.03	-.0045

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7926.3	41830.	17470.
Stddev	217.8	61.	27.
%RSD	2.7481	.14621	.15425

#1	7810.1	41883.	17456.
#2	7791.2	41844.	17501.
#3	8177.5	41763.	17453.

Sample Name: 0.1 Acquired: 6/27/2019 9:52:04 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0988	-.0007	.0006	.0000	.0000	-.0000	.0958	.0000	-.0000
Stddev	.0001	.0029	.0006	.0002	.0001	.0000	.0003	.0017	.0000	.0001
%RSD	15.31	2.894	84.56	31.65	200.4	7772.	700.1	1.786	163.0	119.4
#1	.0004	.0988	-.0008	.0005	.0001	.0000	-.0002	.0950	-.0000	.0000
#2	.0004	.0959	-.0012	.0008	-.0000	.0000	.0003	.0978	.0000	-.0000
#3	.0005	.1016	-.0001	.0005	.0000	-.0000	-.0002	.0947	.0000	-.0001
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	.0004	.0012	.0376	.0864	.0040	-.0000	-.0073	.0002	-.0009
Stddev	.0007	.0001	.0016	.0086	.0019	.0003	.0001	.0039	.0001	.0004
%RSD	13.80	21.24	134.9	22.84	2.208	7.445	191.2	53.58	66.20	44.74
#1	.0044	.0003	.0018	.0333	.0867	.0040	.0000	-.0079	.0001	-.0011
#2	.0055	.0005	-.0006	.0320	.0843	.0037	.0000	-.0032	.0004	-.0011
#3	.0058	.0004	.0023	.0474	.0880	.0043	-.0001	-.0110	.0002	-.0004
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0009	-.0015	-.0062	-.0006	.0000	-.0002	-.0006	.0058	-.0015	
Stddev	.0009	.0011	.0002	.0007	.0000	.0000	.0001	.0006	.0001	
%RSD	94.70	72.20	3.509	114.3	95.23	25.04	27.14	10.15	5.261	
#1	-.0003	-.0024	-.0060	-.0014	.0000	-.0002	-.0007	.0052	-.0014	
#2	-.0019	-.0018	-.0062	-.0004	.0000	-.0002	-.0004	.0059	-.0015	
#3	-.0006	-.0003	-.0065	-.0000	-.0000	-.0002	-.0006	.0064	-.0015	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	8040.3	41813.	17333.							
Stddev	226.8	41.	62.							
%RSD	2.8207	.09915	.35568							
#1	7898.8	41860.	17275.							
#2	7920.2	41796.	17398.							
#3	8301.9	41782.	17326.							

Sample Name: WG1253504-1,T Acquired: 6/27/2019 10:07:48 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0043	.0003	.0001	.0001	.0000	-.0009	-.0027	.0000	.0000
Stddev	.0001	.0040	.0007	.0002	.0000	.0000	.0006	.0016	.0000	.0001
%RSD	66.94	93.90	205.0	250.6	11.67	102.1	65.95	60.72	382.7	393.4

#1	.0002	-.0004	-.0001	.0000	.0001	.0001	-.0007	-.0035	.0000	.0001
#2	.0004	-.0085	-.0000	-.0001	.0001	.0000	-.0004	-.0037	.0000	-.0001
#3	.0001	-.0041	.0012	.0003	.0001	.0000	-.0015	-.0008	-.0000	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0007	.0106	.0394	-.0139	.0009	-.0002	.0963	.0009	.0001
Stddev	.0002	.0001	.0003	.0081	.0018	.0002	.0001	.0027	.0002	.0002
%RSD	10.62	13.68	3.301	20.58	13.34	18.49	40.47	2.848	17.86	198.2

#1	.0019	.0007	.0102	.0460	-.0122	.0007	-.0002	.0932	.0010	.0000
#2	.0016	.0008	.0109	.0419	-.0159	.0008	-.0001	.0976	.0008	-.0000
#3	.0016	.0006	.0107	.0303	-.0135	.0010	-.0002	.0982	.0008	.0003

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0013	-.0017	.0000	.0001	-.0001	-.0003	.0004	-.0019
Stddev	.0002	.0015	.0006	.0002	.0001	.0001	.0004	.0000	.0000
%RSD	48.25	114.4	36.54	430.7	70.63	154.5	151.7	10.03	1.818

#1	-.0004	.0004	-.0014	.0002	.0002	.0000	-.0003	.0004	-.0019
#2	-.0003	-.0020	-.0013	.0001	.0002	-.0001	-.0007	.0004	-.0019
#3	-.0008	-.0024	-.0024	-.0002	.0000	-.0001	.0002	.0004	-.0019

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8012.9	41645.	17351.
Stddev	211.9	65.	7.
%RSD	2.6443	.15622	.03809

#1	7899.5	41712.	17355.
#2	7881.8	41641.	17355.
#3	8257.3	41582.	17344.

Sample Name: WG1253504-2,T Acquired: 6/27/2019 10:12:38 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2617	46.27	1.160	1.242	2.945	1.331	-.0131	33.87	.3885	1.324
Stddev	.0008	.17	.019	.023	.024	.004	.0001	.05	.0059	.021
%RSD	.3049	.3579	1.621	1.820	.8212	.2865	.7746	.1416	1.506	1.582

#1	.2621	46.45	1.169	1.253	2.918	1.335	-.0130	33.91	.3920	1.336
#2	.2608	46.22	1.173	1.258	2.956	1.331	-.0132	33.89	.3917	1.336
#3	.2622	46.13	1.138	1.216	2.962	1.328	-.0130	33.82	.3817	1.300

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7014	.4892	104.0	13.72	14.31	2.675	.7922	11.46	.7763	.8946
Stddev	.0027	.0007	.4	.04	.03	.006	.0139	.02	.0126	.0149
%RSD	.3908	.1409	.4269	.2697	.2224	.2259	1.753	.2109	1.624	1.665

#1	.7025	.4896	104.5	13.75	14.30	2.681	.7990	11.49	.7836	.9026
#2	.6983	.4884	103.6	13.74	14.29	2.674	.8013	11.45	.7835	.9038
#3	.7035	.4896	103.9	13.68	14.35	2.670	.7762	11.44	.7617	.8774

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915	.6168	7.603	.8057	.7158	2.781	.8143	.6026	1.696
Stddev	.033	.0114	.167	.0136	.0026	.005	.0130	.0021	.024
%RSD	1.721	1.842	2.199	1.692	.3655	.1705	1.602	.3403	1.416

#1	1.930	.6238	7.738	.8141	.7188	2.783	.8235	.6023	1.712
#2	1.939	.6230	7.655	.8131	.7150	2.775	.8199	.6007	1.708
#3	1.878	.6037	7.416	.7900	.7137	2.784	.7993	.6048	1.668

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8043.0	41941.	18162.
Stddev	117.6	47.	28.
%RSD	1.4625	.11278	.15287

#1	7984.8	41957.	18187.
#2	7965.8	41978.	18132.
#3	8178.4	41888.	18168.

Sample Name: WG1253504-3,T Acquired: 6/27/2019 10:17:18 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2635	47.75	1.161	1.248	2.988	1.316	-.0155	33.05	.3878	1.312
Stddev	.0004	.06	.022	.026	.031	.002	.0004	.09	.0057	.023
%RSD	.1640	.1275	1.869	2.080	1.031	.1420	2.895	.2798	1.460	1.737

#1	.2634	47.77	1.175	1.262	2.971	1.316	-.0156	32.94	.3910	1.325
#2	.2631	47.81	1.172	1.263	2.970	1.319	-.0159	33.10	.3912	1.325
#3	.2640	47.69	1.136	1.218	3.023	1.315	-.0150	33.10	.3813	1.286

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7085	.4947	110.5	13.89	14.42	2.596	.7964	11.28	.7734	.9061
Stddev	.0020	.0006	.8	.01	.06	.006	.0143	.02	.0129	.0166
%RSD	.2789	.1124	.7249	.0482	.4476	.2138	1.794	.1936	1.668	1.835

#1	.7080	.4941	109.6	13.90	14.37	2.590	.8044	11.28	.7804	.9147
#2	.7069	.4949	111.2	13.89	14.39	2.600	.8049	11.30	.7813	.9168
#3	.7107	.4951	110.6	13.88	14.49	2.598	.7799	11.26	.7585	.8870

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.795	.6188	11.50	.8092	.7122	2.946	.8092	.6193	1.681
Stddev	.036	.0119	.27	.0125	.0014	.006	.0139	.0016	.023
%RSD	2.022	1.919	2.356	1.547	.1908	.2126	1.717	.2543	1.345

#1	1.816	.6235	11.71	.8147	.7133	2.944	.8174	.6189	1.693
#2	1.817	.6277	11.60	.8180	.7126	2.942	.8171	.6180	1.696
#3	1.753	.6053	11.20	.7949	.7107	2.954	.7932	.6210	1.655

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8011.6	41985.	18195.
Stddev	142.2	64.	86.
%RSD	1.7746	.15152	.47307

#1	7927.0	42052.	18293.
#2	7932.0	41976.	18157.
#3	8175.7	41926.	18134.

Sample Name: L1927769-01,T Acquired: 6/27/2019 10:22:04 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	277.7	.1891	.0761	1.655	.0152	-.0049	228.3	.0161	.2097
Stddev	.0001	1.4	.0048	.0007	.014	.0001	.0011	.4	.0003	.0034
%RSD	3.489	.4904	2.525	.9494	.8574	.9311	21.99	.1858	1.755	1.636

#1	.0030	276.8	.1922	.0769	1.671	.0153	-.0037	228.8	.0162	.2112
#2	.0029	279.3	.1916	.0759	1.649	.0152	-.0053	228.1	.0162	.2120
#3	.0031	277.0	.1836	.0755	1.644	.0151	-.0058	228.1	.0157	.2057

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7508	.5259	396.3	77.64	104.8	6.659	.0186	6.871	.6118	1.940
Stddev	.0008	.0004	1.5	.67	.2	.035	.0006	.058	.0092	.031
%RSD	.1123	.0692	.3768	.8578	.2131	.5336	3.184	.8417	1.509	1.616

#1	.7499	.5263	398.0	78.40	105.1	6.699	.0191	6.937	.6172	1.955
#2	.7515	.5259	395.2	77.34	104.8	6.632	.0186	6.840	.6171	1.960
#3	.7511	.5256	395.7	77.17	104.7	6.647	.0180	6.834	.6011	1.904

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374	.0110	18.24	.0592	.8571	16.00	-.0067	.7591	1.613
Stddev	.0027	.0022	.32	.0011	.0081	.01	.0017	.0011	.022
%RSD	7.140	20.11	1.775	1.848	.9405	.0750	25.59	.1424	1.371

#1	.0404	.0102	18.39	.0586	.8664	15.99	-.0073	.7579	1.628
#2	.0366	.0094	18.47	.0605	.8535	16.00	-.0048	.7599	1.624
#3	.0353	.0136	17.87	.0586	.8515	16.01	-.0081	.7595	1.588

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8839.5	46824.	21147.
Stddev	120.2	19.	53.
%RSD	1.3593	.04090	.25055

#1	8783.7	46846.	21086.
#2	8757.3	46810.	21184.
#3	8977.4	46815.	21170.

Sample Name: L1927769-02,T Acquired: 6/27/2019 10:27:20 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	295.0	.2015	.0789	1.717	.0154	-.0049	232.0	.0166	.2089
Stddev	.0002	.8	.0021	.0016	.031	.0000	.0005	1.3	.0003	.0039
%RSD	4.955	.2762	1.049	2.009	1.784	.0627	9.302	.5679	1.901	1.872

#1	.0032	294.0	.2022	.0801	1.747	.0154	-.0054	232.7	.0168	.2113
#2	.0033	295.3	.2032	.0796	1.718	.0154	-.0047	232.9	.0167	.2109
#3	.0035	295.5	.1991	.0771	1.686	.0154	-.0046	230.5	.0163	.2044

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7807	.5432	403.6	78.46	108.6	6.979	.0182	7.462	.6306	2.350
Stddev	.0016	.0013	2.1	.09	.7	.014	.0003	.024	.0112	.045
%RSD	.2006	.2328	.5124	.1145	.6841	.1955	1.833	.3223	1.776	1.913

#1	.7801	.5442	402.5	78.53	108.4	6.982	.0183	7.457	.6377	2.377
#2	.7825	.5418	406.0	78.48	109.4	6.991	.0185	7.488	.6364	2.374
#3	.7795	.5436	402.3	78.36	107.9	6.965	.0179	7.441	.6177	2.298

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335	.0082	17.49	.0607	.9658	15.90	-.0084	.7794	1.806
Stddev	.0015	.0003	.38	.0006	.0007	.07	.0007	.0003	.029
%RSD	4.414	3.792	2.157	1.055	.0709	.4246	8.872	.0371	1.596

#1	.0330	.0086	17.72	.0611	.9655	15.98	-.0092	.7794	1.824
#2	.0352	.0080	17.68	.0611	.9665	15.85	-.0077	.7797	1.821
#3	.0323	.0080	17.05	.0600	.9652	15.88	-.0082	.7791	1.772

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8934.4	47285.	21419.
Stddev	147.6	39.	86.
%RSD	1.6521	.08241	.40366

#1	8844.3	47261.	21405.
#2	8854.2	47330.	21340.
#3	9104.8	47264.	21511.

Sample Name: L1927770-01,T Acquired: 6/27/2019 10:32:44 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	342.3	.2507	.0693	1.291	.0187	-.0128	55.62	.0172	.2720
Stddev	.0001	.6	.0019	.0014	.003	.0001	.0006	.13	.0003	.0040
%RSD	4.566	.1888	.7760	1.975	.2434	.2840	4.460	.2325	1.988	1.489
#1	.0027	341.5	.2521	.0697	1.287	.0186	-.0134	55.76	.0174	.2743
#2	.0026	342.7	.2515	.0704	1.293	.0186	-.0128	55.51	.0173	.2744
#3	.0025	342.6	.2485	.0678	1.292	.0187	-.0122	55.59	.0168	.2673
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8786	.4191	472.7	107.1	132.8	9.819	.0146	6.634	.8268	.1967
Stddev	.0008	.0014	.4	.1	.7	.006	.0002	.014	.0114	.0038
%RSD	.0872	.3304	.0761	.1095	.5385	.0573	1.609	.2124	1.373	1.927
#1	.8778	.4192	472.3	107.0	132.1	9.819	.0148	6.633	.8320	.1999
#2	.8787	.4204	472.7	107.2	132.8	9.813	.0146	6.649	.8346	.1977
#3	.8793	.4176	473.0	107.1	133.6	9.824	.0143	6.621	.8138	.1925
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0321	.0069	4.487	.0328	.3438	18.96	-.0129	.9067	1.255	
Stddev	.0012	.0003	.084	.0006	.0007	.15	.0020	.0012	.012	
%RSD	3.777	4.295	1.865	1.897	.1913	.8013	15.08	.1269	.9710	
#1	.0332	.0070	4.524	.0327	.3432	18.94	-.0119	.9054	1.263	
#2	.0324	.0071	4.546	.0334	.3445	19.11	-.0152	.9076	1.261	
#3	.0308	.0066	4.391	.0321	.3438	18.81	-.0117	.9070	1.241	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	9773.5	51320.	23121.							
Stddev	153.9	47.	42.							
%RSD	1.5749	.09191	.18157							
#1	9698.7	51304.	23073.							
#2	9671.2	51283.	23145.							
#3	9950.5	51373.	23146.							

Sample Name: L1927770-02,T Acquired: 6/27/2019 10:37:49 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	267.3	.0916	.0425	.9997	.0143	-.0174	51.71	.0121	.1966
Stddev	.0002	.6	.0029	.0007	.0019	.0001	.0001	.09	.0002	.0034
%RSD	9.860	.2100	3.132	1.540	.1857	.3689	.5897	.1677	1.656	1.711

#1	.0015	267.7	.0902	.0431	.9980	.0144	-.0172	51.80	.0122	.1988
#2	.0018	267.7	.0949	.0425	.9996	.0143	-.0174	51.63	.0122	.1982
#3	.0016	266.7	.0897	.0418	1.002	.0143	-.0174	51.69	.0119	.1927

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7146	.3362	345.2	78.10	103.4	4.811	.0082	4.579	.7298	.1433
Stddev	.0017	.0003	1.7	.11	1.5	.003	.0002	.013	.0127	.0033
%RSD	.2310	.0937	.4901	.1361	1.433	.0531	2.345	.2822	1.744	2.286

#1	.7133	.3365	347.1	78.07	102.3	4.811	.0080	4.566	.7371	.1453
#2	.7164	.3359	344.6	78.02	105.1	4.808	.0084	4.579	.7372	.1451
#3	.7140	.3363	343.9	78.22	102.8	4.813	.0082	4.592	.7151	.1395

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250	.0043	5.747	.0228	.2549	16.09	-.0067	.6756	.9895
Stddev	.0010	.0001	.140	.0003	.0010	.03	.0013	.0020	.0158
%RSD	3.991	3.381	2.433	1.127	.3869	.1880	19.47	.3028	1.600

#1	.0252	.0043	5.865	.0230	.2539	16.09	-.0073	.6739	.9991
#2	.0258	.0041	5.783	.0225	.2549	16.12	-.0052	.6779	.9981
#3	.0239	.0044	5.593	.0228	.2559	16.06	-.0077	.6749	.9712

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	9403.4	49133.	22028.
Stddev	143.8	67.	41.
%RSD	1.5292	.13549	.18426

#1	9310.9	49136.	21999.
#2	9330.2	49066.	22075.
#3	9569.1	49199.	22011.

Sample Name: XL123741-88 Acquired: 6/27/2019 10:42:56 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0993	.0007	.0002	.0004	.0000	.0000	.0128	.0000	-.0000
Stddev	.0001	.0056	.0005	.0003	.0001	.0000	.0002	.0028	.0000	.0002
%RSD	83.70	5.622	71.93	155.4	30.01	54.30	602.7	22.20	985.1	1376.
#1	.0002	.0938	.0012	.0003	.0004	.0000	.0002	.0103	.0000	.0001
#2	.0000	.0990	.0002	.0005	.0003	.0000	-.0002	.0121	.0000	-.0000
#3	.0001	.1050	.0008	-.0001	.0005	.0001	.0001	.0158	-.0000	-.0002
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0010	.1708	.0617	.0441	.0025	.0001	-.0162	.0003	.0001
Stddev	.0003	.0001	.0111	.0161	.0043	.0002	.0001	.0028	.0001	.0004
%RSD	93.36	8.167	6.474	26.04	9.733	8.211	111.6	17.41	55.09	398.6
#1	.0004	.0010	.1610	.0475	.0410	.0025	.0001	-.0163	.0003	.0003
#2	.0005	.0009	.1686	.0584	.0423	.0023	-.0000	-.0189	.0004	-.0004
#3	-.0000	.0010	.1828	.0792	.0490	.0028	.0001	-.0133	.0001	.0004
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0010	-.0002	.0100	-.0012	.0001	.0132	-.0001	.0003	-.0024	
Stddev	.0002	.0003	.0035	.0001	.0000	.0003	.0009	.0001	.0000	
%RSD	16.30	119.7	35.29	4.812	14.35	1.926	574.0	27.65	1.292	
#1	-.0010	.0001	.0084	-.0012	.0001	.0130	.0001	.0002	-.0024	
#2	-.0012	-.0004	.0075	-.0013	.0001	.0134	.0006	.0004	-.0024	
#3	-.0009	-.0003	.0140	-.0012	.0001	.0134	-.0011	.0004	-.0024	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7938.8	41487.	17129.							
Stddev	138.1	76.	113.							
%RSD	1.7398	.18280	.65743							
#1	7861.5	41399.	17009.							
#2	7856.6	41530.	17232.							
#3	8098.3	41531.	17147.							

Sample Name: CCV Acquired: 6/27/2019 10:47:45 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5100	F .5526	.5392	.5172	.5219	.5123	-.0023	.5006	.4886	.4897
Stddev	.0007	.0002	.0173	.0183	.0011	.0010	.0004	.0018	.0154	.0160
%RSD	.1416	.0355	3.200	3.533	.2128	.1905	18.82	.3626	3.161	3.263
#1	.5108	.5524	.5509	.5270	.5230	.5130	-.0027	.5026	.4984	.4989
#2	.5096	.5528	.5474	.5284	.5219	.5128	-.0019	.4997	.4966	.4989
#3	.5096	.5526	.5194	.4961	.5208	.5112	-.0024	.4993	.4708	.4712

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit		.5524								
Low Limit		.4476								

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5039	.5246	F .5679	5.135	.4845	.5055	.5042	10.42	.5140	.5209
Stddev	.0024	.0005	.0020	.024	.0010	.0004	.0163	.04	.0175	.0175
%RSD	.4857	.0912	.3566	.4585	.2147	.0772	3.234	.3367	3.407	3.365
#1	.5067	.5242	.5659	5.152	.4835	.5053	.5133	10.42	.5240	.5323
#2	.5022	.5246	.5678	5.144	.4856	.5060	.5139	10.45	.5242	.5297
#3	.5028	.5252	.5699	5.108	.4844	.5053	.4854	10.38	.4938	.5007

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524							
Low Limit			.4476							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126	.5111	5.558	.4968	.5151	.5226	.4975	.5212	.4955
Stddev	.0164	.0182	.190	.0157	.0012	.0009	.0178	.0007	.0149
%RSD	3.206	3.567	3.423	3.170	.2391	.1770	3.581	.1353	3.002
#1	.5199	.5204	5.668	.5064	.5161	.5236	.5078	.5220	.5052
#2	.5242	.5228	5.667	.5054	.5156	.5220	.5078	.5211	.5028
#3	.4938	.4901	5.338	.4786	.5137	.5221	.4770	.5206	.4784

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7858.7	40919.	17259.
Stddev	231.3	28.	23.
%RSD	2.9439	.06902	.13575
#1	7731.2	40942.	17249.
#2	7719.2	40928.	17285.
#3	8125.8	40888.	17241.

Sample Name: CCB Acquired: 6/27/2019 10:52:16 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0040	.0012	.0005	.0003	.0002	-.0005	-.0027	.0002	.0002
Stddev	.0001	.0033	.0001	.0002	.0001	.0000	.0002	.0010	.0001	.0001
%RSD	21.32	84.56	12.49	30.06	38.38	6.083	38.63	36.85	28.79	24.80
#1	.0005	.0073	.0011	.0007	.0003	.0002	-.0007	-.0034	.0003	.0002
#2	.0006	.0040	.0011	.0005	.0002	.0002	-.0003	-.0031	.0002	.0002
#3	.0004	.0006	.0013	.0003	.0003	.0002	-.0005	-.0016	.0002	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0010	.0192	.0362	-.0047	.0009	.0012	-.0126	.0005	.0000
Stddev	.0001	.0001	.0013	.0196	.0014	.0001	.0003	.0028	.0001	.0003
%RSD	36.37	12.40	7.011	54.22	30.23	12.12	20.81	22.19	12.66	636.0
#1	.0003	.0010	.0184	.0171	-.0031	.0009	.0015	-.0155	.0005	-.0001
#2	.0005	.0010	.0184	.0564	-.0058	.0010	.0012	-.0124	.0004	-.0001
#3	.0002	.0012	.0207	.0352	-.0051	.0008	.0010	-.0100	.0005	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	-.0007	.0037	.0020	.0003	.0017	.0002	.0004	-.0020
Stddev	.0008	.0012	.0007	.0001	.0001	.0001	.0002	.0000	.0002
%RSD	17.21	176.5	19.62	4.614	23.17	6.305	143.1	5.025	7.737
#1	.0053	.0005	.0039	.0020	.0003	.0016	.0002	.0004	-.0019
#2	.0053	-.0019	.0042	.0019	.0003	.0018	-.0001	.0004	-.0022
#3	.0039	-.0006	.0029	.0021	.0002	.0018	.0004	.0004	-.0021

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7989.4	41304.	17100.
Stddev	296.7	87.	96.
%RSD	3.7137	.20947	.56344
#1	7827.6	41395.	16991.
#2	7808.8	41295.	17134.
#3	8331.8	41223.	17174.

Sample Name: CCV Acquired: 6/27/2019 11:09:05 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126	.5289	.5406	.5181	.5266	.5134	-.0023	.4967	.4906	.4887
Stddev	.0002	.0022	.0145	.0130	.0014	.0006	.0001	.0017	.0106	.0111
%RSD	.0415	.4095	2.687	2.515	.2640	.1207	5.812	.3514	2.153	2.277

#1	.5127	.5314	.5496	.5258	.5256	.5127	-.0022	.4968	.4972	.4951
#2	.5128	.5280	.5484	.5254	.5282	.5139	-.0025	.4949	.4962	.4951
#3	.5124	.5273	.5238	.5030	.5261	.5136	-.0023	.4983	.4784	.4758

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064	.5313	.5340	5.130	.4791	.5102	.5073	10.59	.5160	.5227
Stddev	.0004	.0009	.0028	.009	.0021	.0010	.0111	.03	.0122	.0111
%RSD	.0790	.1715	.5245	.1824	.4454	.1916	2.187	.2683	2.358	2.124

#1	.5068	.5315	.5312	5.120	.4799	.5091	.5134	10.56	.5235	.5296
#2	.5060	.5321	.5341	5.131	.4808	.5107	.5139	10.62	.5224	.5286
#3	.5064	.5303	.5368	5.138	.4767	.5109	.4944	10.58	.5019	.5099

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5136	.5109	5.565	.4991	.5206	.5248	.4951	.5268	.4964
Stddev	.0094	.0118	.134	.0109	.0013	.0009	.0102	.0007	.0100
%RSD	1.837	2.313	2.399	2.183	.2530	.1736	2.050	.1329	2.013

#1	.5174	.5178	5.643	.5056	.5197	.5254	.5017	.5275	.5036
#2	.5205	.5176	5.642	.5051	.5221	.5252	.5003	.5266	.5007
#3	.5029	.4972	5.411	.4865	.5200	.5237	.4835	.5262	.4850

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7840.8	40659.	17086.
Stddev	156.5	19.	18.
%RSD	1.9965	.04625	.10366

#1	7754.9	40651.	17096.
#2	7746.0	40681.	17097.
#3	8021.5	40646.	17066.

Sample Name: CCB Acquired: 6/27/2019 11:13:38 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0029	.0009	.0010	.0004	.0004	.0002	-.0074	.0003	.0002
Stddev	.0001	.0026	.0007	.0005	.0002	.0000	.0005	.0019	.0000	.0001
%RSD	27.48	90.36	86.24	48.14	47.05	13.07	317.1	25.28	14.08	50.90

#1	.0007	.0024	.0006	.0011	.0002	.0003	-.0004	-.0085	.0003	.0004
#2	.0004	.0005	.0002	.0013	.0004	.0004	.0006	-.0052	.0003	.0002
#3	.0005	.0057	.0017	.0004	.0005	.0003	.0003	-.0084	.0002	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0013	.0079	.0255	-.0093	.0008	.0014	-.0072	.0004	-.0008
Stddev	.0002	.0001	.0012	.0064	.0001	.0001	.0003	.0019	.0001	.0011
%RSD	60.21	6.446	15.17	25.14	1.057	8.679	19.65	26.60	19.52	142.1

#1	.0003	.0013	.0072	.0190	-.0092	.0008	.0017	-.0064	.0005	-.0001
#2	.0001	.0014	.0093	.0257	-.0092	.0008	.0013	-.0058	.0003	-.0020
#3	.0005	.0012	.0073	.0318	-.0094	.0007	.0011	-.0094	.0004	-.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	-.0006	.0008	.0020	.0004	.0008	-.0002	.0004	-.0021
Stddev	.0017	.0007	.0002	.0006	.0001	.0000	.0006	.0001	.0001
%RSD	34.14	112.9	27.47	31.46	15.44	4.472	309.1	35.84	3.216

#1	.0069	.0001	.0007	.0023	.0004	.0008	-.0009	.0004	-.0020
#2	.0041	-.0007	.0011	.0024	.0005	.0008	.0002	.0005	-.0021
#3	.0039	-.0012	.0006	.0013	.0004	.0008	.0001	.0002	-.0022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7954.0	41133.	17016.
Stddev	246.6	99.	25.
%RSD	3.1004	.24162	.14502

#1	7823.2	41136.	16988.
#2	7800.3	41231.	17022.
#3	8238.4	41033.	17037.

Sample Name: L1927770-03,T Acquired: 6/27/2019 11:18:26 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	391.9	.1058	.0565	1.603	.0174	-.0163	55.43	.0140	.1866
Stddev	.0001	4.3	.0031	.0007	.002	.0001	.0009	.22	.0002	.0021
%RSD	3.498	1.105	2.953	1.200	.1014	.4137	5.747	.3928	1.328	1.121

#1	.0033	395.6	.1082	.0561	1.604	.0175	-.0156	55.64	.0141	.1878
#2	.0031	387.1	.1068	.0573	1.603	.0174	-.0174	55.21	.0141	.1878
#3	.0033	393.1	.1023	.0561	1.601	.0173	-.0159	55.44	.0138	.1842

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9026	.3835	419.7	126.4	128.7	5.493	.0078	5.015	.6726	.1496
Stddev	.0032	.0009	1.5	.4	.8	.014	.0002	.011	.0080	.0033
%RSD	.3589	.2325	.3587	.2953	.6571	.2538	2.748	.2127	1.183	2.201

#1	.9021	.3828	421.4	126.8	127.8	5.506	.0081	5.022	.6772	.1500
#2	.9061	.3834	418.6	126.4	129.1	5.478	.0077	5.020	.6773	.1527
#3	.8997	.3845	419.0	126.1	129.3	5.493	.0077	5.003	.6635	.1461

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322	.0062	2.945	.0289	.4029	18.27	-.0057	.8650	1.224
Stddev	.0005	.0023	.030	.0002	.0009	.03	.0011	.0017	.013
%RSD	1.504	36.73	1.030	.8094	.2226	.1859	19.06	.1916	1.020

#1	.0320	.0049	2.977	.0291	.4029	18.23	-.0068	.8639	1.233
#2	.0319	.0089	2.940	.0287	.4038	18.29	-.0046	.8669	1.229
#3	.0328	.0049	2.917	.0289	.4020	18.30	-.0058	.8641	1.210

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	9128.6	47993.	21808.
Stddev	85.2	36.	46.
%RSD	.93295	.07543	.21139

#1	9086.1	48032.	21780.
#2	9073.1	47987.	21861.
#3	9226.7	47960.	21783.

Sample Name: L1927770-04,T Acquired: 6/27/2019 11:23:31 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	325.1	.0979	.0482	1.260	.0166	-.0215	49.73	.0129	.1928
Stddev	.0002	3.7	.0022	.0019	.016	.0003	.0008	.64	.0002	.0026
%RSD	7.319	1.124	2.272	4.000	1.228	1.566	3.662	1.291	1.182	1.343

#1	.0020	329.2	.0963	.0491	1.278	.0169	-.0223	50.47	.0130	.1943
#2	.0020	323.7	.1005	.0496	1.251	.0164	-.0214	49.32	.0131	.1943
#3	.0022	322.3	.0971	.0460	1.251	.0165	-.0207	49.41	.0128	.1898

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8081	.2976	381.7	87.09	109.0	5.596	.0051	14.16	.6941	.1599
Stddev	.0028	.0005	2.0	1.08	.8	.069	.0002	.21	.0080	.0036
%RSD	.3497	.1675	.5222	1.244	.7549	1.233	3.740	1.462	1.160	2.245

#1	.8114	.2971	380.0	88.35	110.0	5.676	.0052	14.39	.6987	.1601
#2	.8068	.2980	381.2	86.50	108.4	5.551	.0053	14.03	.6989	.1633
#3	.8062	.2978	383.9	86.44	108.7	5.563	.0049	14.04	.6848	.1562

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246	.0023	2.367	.0258	.3112	14.64	-.0065	.6822	1.176
Stddev	.0007	.0026	.046	.0001	.0049	.05	.0006	.0017	.011
%RSD	2.699	109.5	1.956	.3027	1.561	.3088	9.819	.2479	.9551

#1	.0254	.0045	2.410	.0258	.3168	14.60	-.0069	.6835	1.181
#2	.0243	.0030	2.373	.0259	.3086	14.69	-.0068	.6828	1.184
#3	.0242	-.0005	2.318	.0257	.3083	14.63	-.0057	.6803	1.163

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	9634.7	50758.	22739.
Stddev	113.5	67.	202.
%RSD	1.1777	.13203	.88796

#1	9561.3	50756.	22514.
#2	9577.3	50692.	22903.
#3	9765.3	50826.	22802.

Sample Name: L1927770-05,T Acquired: 6/27/2019 11:28:35 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	274.7	.0964	.0331	.9591	.0151	-.0173	39.09	.0109	.1809
Stddev	.0001	1.6	.0018	.0006	.0014	.0001	.0002	.15	.0000	.0018
%RSD	7.404	.5708	1.904	1.962	.1488	.4713	1.362	.3797	.3909	1.018

#1	.0016	275.6	.0960	.0336	.9607	.0151	-.0175	39.10	.0109	.1823
#2	.0016	275.5	.0984	.0324	.9585	.0152	-.0173	39.24	.0109	.1815
#3	.0018	272.9	.0948	.0333	.9580	.0150	-.0170	38.94	.0109	.1788

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6283	.3141	329.4	64.20	87.48	3.878	.0059	4.005	.5984	.1473
Stddev	.0018	.0011	1.8	.09	.24	.015	.0003	.015	.0063	.0016
%RSD	.2897	.3442	.5335	.1412	.2753	.3915	4.953	.3762	1.059	1.097

#1	.6293	.3135	329.5	64.26	87.21	3.882	.0062	4.017	.6032	.1476
#2	.6262	.3153	331.0	64.24	87.66	3.891	.0059	4.010	.6009	.1488
#3	.6294	.3133	327.5	64.09	87.57	3.861	.0057	3.988	.5912	.1456

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222	.0025	4.250	.0235	.2418	14.49	-.0054	.6490	.8935
Stddev	.0008	.0035	.073	.0005	.0003	.05	.0008	.0006	.0104
%RSD	3.790	137.9	1.725	2.206	.1386	.3518	15.16	.0948	1.164

#1	.0214	.0015	4.270	.0241	.2421	14.49	-.0051	.6486	.9021
#2	.0230	.0063	4.311	.0232	.2419	14.55	-.0047	.6497	.8965
#3	.0222	-.0003	4.168	.0231	.2414	14.45	-.0063	.6486	.8820

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	10022.	52806.	23670.
Stddev	70.	41.	90.
%RSD	.69834	.07685	.38179

#1	9991.8	52853.	23704.
#2	9971.9	52788.	23568.
#3	10102.	52779.	23739.

Sample Name: L1927803-01,T Acquired: 6/27/2019 11:33:41 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070	183.3	.7147	.0467	2.682	.0084	.0734	38.63	.0817	.3045
Stddev	.0002	.6	.0092	.0015	.017	.0001	.0013	.32	.0012	.0038
%RSD	2.194	.3451	1.288	3.215	.6137	.8756	1.758	.8272	1.464	1.252

#1	.0069	182.7	.7189	.0470	2.678	.0084	.0740	38.44	.0822	.3058
#2	.0071	183.1	.7212	.0480	2.700	.0085	.0742	39.00	.0825	.3075
#3	.0069	184.0	.7042	.0451	2.668	.0084	.0719	38.44	.0803	.3002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6339	2.190	913.8	22.54	67.11	6.557	.0346	2.995	.8381	5.746
Stddev	.0032	.008	10.5	.14	.54	.052	.0003	.028	.0108	.076
%RSD	.5065	.3582	1.148	.6142	.8109	.7880	.9482	.9198	1.295	1.326

#1	.6376	2.186	907.9	22.47	67.19	6.524	.0348	2.978	.8419	5.773
#2	.6325	2.185	926.0	22.70	67.60	6.616	.0347	3.027	.8465	5.804
#3	.6317	2.199	907.7	22.45	66.53	6.530	.0342	2.980	.8258	5.659

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755	.0272	8.316	2.400	.1617	7.859	-.0040	.5284	11.55
Stddev	.0031	.0037	.156	.029	.0011	.014	.0016	.0010	.13
%RSD	4.078	13.55	1.879	1.191	.7065	.1821	41.53	.1836	1.116

#1	.0791	.0285	8.351	2.410	.1611	7.871	-.0023	.5295	11.60
#2	.0738	.0301	8.452	2.422	.1630	7.843	-.0056	.5277	11.65
#3	.0737	.0231	8.146	2.367	.1610	7.862	-.0040	.5280	11.41

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7560.9	41290.	18680.
Stddev	96.3	33.	133.
%RSD	1.2734	.08072	.71179

#1	7523.2	41287.	18780.
#2	7489.1	41325.	18529.
#3	7670.3	41258.	18732.

Sample Name: WG1253737-1,C Acquired: 6/27/2019 11:38:36 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0802	.0019	.0016	.0023	.0000	-.0005	.0294	-.0000	.0001
Stddev	.0002	.0096	.0011	.0004	.0002	.0000	.0004	.0013	.0000	.0001
%RSD	54.63	12.01	57.06	23.44	7.208	241.8	80.16	4.398	131.7	173.4

#1	.0003	.0700	.0031	.0016	.0024	.0000	-.0010	.0297	-.0000	.0002
#2	.0001	.0813	.0014	.0019	.0021	-.0000	-.0002	.0281	-.0000	.0001
#3	.0004	.0892	.0012	.0012	.0024	.0000	-.0004	.0306	-.0000	-.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	.0022	.4425	.2327	.0152	.0053	.0003	149.8	.0021	.0009
Stddev	.0000	.0001	.0317	.0120	.0053	.0001	.0001	1.8	.0002	.0004
%RSD	.6511	5.811	7.161	5.154	35.12	2.488	24.50	1.193	8.460	51.05

#1	.0027	.0022	.4081	.2460	.0208	.0052	.0004	151.7	.0023	.0006
#2	.0027	.0024	.4491	.2295	.0145	.0054	.0003	148.1	.0021	.0007
#3	.0027	.0021	.4704	.2226	.0102	.0054	.0002	149.7	.0019	.0014

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0007	.0442	.0114	.0005	.0075	-.0000	.0003	.0014
Stddev	.0011	.0014	.0027	.0007	.0000	.0008	.0005	.0001	.0006
%RSD	139.1	186.7	6.128	5.873	7.327	11.20	1577.	38.91	45.61

#1	.0001	-.0008	.0472	.0119	.0005	.0084	.0001	.0002	.0020
#2	-.0019	.0016	.0419	.0116	.0006	.0074	-.0006	.0004	.0013
#3	-.0005	.0014	.0435	.0106	.0005	.0067	.0004	.0003	.0008

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7404.9	38093.	16592.
Stddev	158.2	129.	123.
%RSD	2.1362	.33894	.73981

#1	7309.9	38220.	16502.
#2	7317.2	37962.	16732.
#3	7587.5	38098.	16542.

Sample Name: WG1253737-2,C Acquired: 6/27/2019 11:43:32 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501	1.992	.1321	1.076	2.001	.0496	-.0025	9.449	.0509	.4724
Stddev	.0005	.005	.0031	.027	.004	.0001	.0008	.018	.0012	.0123
%RSD	1.021	.2440	2.310	2.500	.1743	.2110	32.14	.1863	2.414	2.613

#1	.0498	1.998	.1336	1.093	2.002	.0496	-.0027	9.431	.0517	.4798
#2	.0507	1.990	.1341	1.091	2.003	.0497	-.0016	9.466	.0516	.4794
#3	.0499	1.989	.1286	1.045	1.996	.0495	-.0031	9.451	.0495	.4582

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1946	.2566	1.108	10.56	8.745	.4792	.9749	158.5	.4847	.5127
Stddev	.0012	.0014	.005	.03	.045	.0002	.0238	1.9	.0118	.0137
%RSD	.6197	.5378	.4169	.2752	.5096	.0351	2.446	1.208	2.440	2.682

#1	.1933	.2554	1.104	10.55	8.699	.4790	.9887	157.1	.4916	.5214
#2	.1958	.2565	1.113	10.59	8.788	.4794	.9887	160.7	.4914	.5197
#3	.1947	.2581	1.107	10.54	8.748	.4792	.9474	157.6	.4710	.4968

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5097	.1318	.6967	.9463	.9946	1.006	.1100	.5094	.4967
Stddev	.0138	.0012	.0188	.0229	.0020	.006	.0024	.0030	.0119
%RSD	2.704	.9388	2.695	2.419	.2046	.6094	2.163	.5908	2.402

#1	.5175	.1326	.7070	.9603	.9947	.9987	.1112	.5060	.5049
#2	.5179	.1325	.7081	.9586	.9966	1.009	.1116	.5116	.5023
#3	.4938	.1304	.6751	.9199	.9925	1.010	.1073	.5107	.4830

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7314.9	37698.	16542.
Stddev	165.2	131.	25.
%RSD	2.2585	.34703	.14935

#1	7219.5	37840.	16570.
#2	7219.6	37671.	16532.
#3	7505.7	37583.	16524.

Sample Name: L1926713-01,C Acquired: 6/27/2019 11:48:12 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0423	.0017	.0053	.0469	.0000	-.0003	2.821	.0001	.0009
Stddev	.0002	.0012	.0006	.0006	.0004	.0000	.0004	.015	.0000	.0001
%RSD	99.45	2.847	39.17	11.21	.8141	18.22	130.3	.5400	30.96	6.140

#1	.0004	.0410	.0021	.0058	.0473	.0000	-.0007	2.827	.0002	.0008
#2	-.0000	.0426	.0009	.0055	.0469	.0001	.0001	2.833	.0001	.0009
#3	.0002	.0434	.0019	.0046	.0465	.0000	-.0003	2.804	.0001	.0009

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0025	.0454	.5726	.1455	.1215	.0017	149.1	.0027	.0309
Stddev	.0002	.0000	.0024	.0145	.0016	.0008	.0002	1.0	.0001	.0013
%RSD	10.84	1.643	5.270	2.535	1.128	.6466	14.72	.6507	5.350	4.337

#1	.0016	.0025	.0426	.5735	.1464	.1215	.0019	149.8	.0027	.0304
#2	.0016	.0026	.0469	.5866	.1466	.1223	.0016	149.5	.0025	.0324
#3	.0019	.0025	.0466	.5576	.1437	.1207	.0014	148.0	.0028	.0299

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0005	.2920	.0002	.0152	.0021	-.0003	.0002	.0321
Stddev	.0005	.0004	.0076	.0005	.0002	.0001	.0003	.0001	.0010
%RSD	188.3	75.59	2.588	329.3	1.023	6.665	78.91	43.48	3.074

#1	.0003	.0004	.2972	.0001	.0154	.0021	-.0006	.0003	.0327
#2	-.0004	.0010	.2955	.0007	.0153	.0023	-.0004	.0001	.0325
#3	-.0007	.0003	.2833	-.0004	.0151	.0020	-.0000	.0001	.0309

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7363.4	38066.	16607.
Stddev	187.3	312.	67.
%RSD	2.5442	.81911	.40561

#1	7240.9	38069.	16608.
#2	7270.2	38377.	16539.
#3	7579.0	37754.	16674.

Sample Name: WG1253737-3,C Acquired: 6/27/2019 11:53:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504	2.045	.1336	1.075	2.063	.0502	-.0023	12.29	.0514	.4763
Stddev	.0003	.004	.0023	.030	.001	.0001	.0002	.04	.0012	.0127
%RSD	.6801	.2103	1.712	2.759	.0461	.1308	6.915	.2986	2.419	2.668

#1	.0504	2.049	.1349	1.094	2.062	.0503	-.0023	12.30	.0520	.4839
#2	.0508	2.041	.1350	1.090	2.064	.0502	-.0022	12.31	.0522	.4833
#3	.0501	2.044	.1310	1.041	2.062	.0502	-.0025	12.25	.0499	.4616

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1956	.2591	1.078	10.97	8.967	.6012	.9788	157.5	.4882	.5462
Stddev	.0014	.0009	.001	.02	.051	.0010	.0248	1.3	.0128	.0148
%RSD	.7410	.3610	.0873	.1740	.5687	.1632	2.533	.8514	2.623	2.716

#1	.1955	.2583	1.077	10.94	8.997	.6006	.9937	156.8	.4963	.5558
#2	.1971	.2590	1.079	10.98	8.996	.6023	.9925	159.1	.4949	.5538
#3	.1943	.2601	1.078	10.97	8.908	.6007	.9501	156.7	.4735	.5291

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5132	.1318	.9615	.9483	1.017	1.009	.1118	.5135	.5326
Stddev	.0141	.0037	.0256	.0234	.000	.003	.0037	.0009	.0130
%RSD	2.756	2.825	2.659	2.470	.0311	.2640	3.309	.1804	2.447

#1	.5220	.1352	.9812	.9617	1.018	1.008	.1140	.5125	.5389
#2	.5208	.1324	.9707	.9619	1.017	1.012	.1138	.5144	.5413
#3	.4969	.1278	.9326	.9212	1.017	1.008	.1075	.5137	.5176

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7313.0	37734.	16468.
Stddev	174.6	91.	18.
%RSD	2.3868	.24005	.10804

#1	7187.5	37800.	16448.
#2	7239.2	37631.	16472.
#3	7512.3	37771.	16483.

Sample Name: WG1253737-4,C Acquired: 6/27/2019 11:57:45 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0387	.0006	.0051	.0464	.0001	-.0000	2.798	.0001	.0009
Stddev	.0002	.0029	.0012	.0002	.0002	.0000	.0005	.010	.0000	.0001
%RSD	37.64	7.399	212.0	3.071	.4587	37.32	8402.	.3467	24.09	10.55

#1	.0005	.0419	.0016	.0053	.0464	.0000	.0002	2.801	.0001	.0008
#2	.0005	.0364	.0007	.0050	.0466	.0001	.0003	2.807	.0001	.0008
#3	.0002	.0379	-.0007	.0050	.0462	.0001	-.0005	2.788	.0002	.0010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0026	.0325	.5610	.1419	.1203	.0018	147.7	.0024	.0307
Stddev	.0003	.0002	.0001	.0132	.0023	.0007	.0003	1.1	.0001	.0002
%RSD	20.43	7.620	.4571	2.358	1.635	.5976	17.90	.7283	4.006	.6062

#1	.0020	.0025	.0324	.5761	.1444	.1206	.0021	148.4	.0025	.0308
#2	.0013	.0028	.0326	.5512	.1412	.1208	.0018	146.5	.0024	.0307
#3	.0018	.0024	.0324	.5557	.1399	.1195	.0015	148.3	.0023	.0305

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-.0006	.2882	-.0001	.0152	.0017	-.0009	.0003	.0325
Stddev	.0006	.0011	.0046	.0004	.0001	.0002	.0002	.0001	.0006
%RSD	5294.	196.2	1.590	627.2	.7449	12.01	22.07	27.64	1.814

#1	.0007	-.0018	.2932	.0004	.0153	.0019	-.0011	.0004	.0329
#2	-.0003	-.0002	.2870	-.0003	.0152	.0016	-.0008	.0002	.0328
#3	-.0003	.0003	.2843	-.0003	.0151	.0015	-.0007	.0004	.0318

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7366.3	38145.	16658.
Stddev	86.8	25.	78.
%RSD	1.1779	.06609	.46913

#1	7312.4	38148.	16618.
#2	7320.1	38118.	16609.
#3	7466.4	38168.	16748.

Sample Name: WG1253737-5,C Acquired: 6/27/2019 12:02:40 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828	2.103	.1385	1.123	2.133	.0525	-.0027	12.69	.0537	.4930
Stddev	.0006	.016	.0027	.028	.012	.0005	.0005	.11	.0012	.0112
%RSD	.7597	.7358	1.985	2.532	.5733	.9312	19.09	.8840	2.150	2.277

#1	.0826	2.121	.1404	1.140	2.147	.0530	-.0032	12.81	.0543	.5002
#2	.0823	2.091	.1397	1.139	2.124	.0520	-.0023	12.59	.0544	.4988
#3	.0835	2.098	.1353	1.090	2.128	.0524	-.0024	12.68	.0524	.4801

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2017	.2678	1.105	11.49	9.406	.6170	1.020	158.7	.5041	.5643
Stddev	.0005	.0009	.009	.09	.078	.0034	.024	2.3	.0117	.0132
%RSD	.2326	.3351	.8410	.7707	.8334	.5509	2.388	1.480	2.317	2.337

#1	.2021	.2685	1.115	11.59	9.426	.6199	1.035	160.6	.5110	.5726
#2	.2012	.2668	1.096	11.42	9.320	.6132	1.034	156.1	.5107	.5712
#3	.2018	.2681	1.104	11.45	9.473	.6178	.9919	159.4	.4906	.5491

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5226	.1368	.4496	.9889	1.064	1.052	.1159	.5307	.5509
Stddev	.0138	.0056	.0112	.0221	.007	.003	.0034	.0018	.0122
%RSD	2.637	4.096	2.494	2.238	.6490	.3064	2.893	.3326	2.209

#1	.5293	.1407	.4543	1.003	1.072	1.053	.1178	.5316	.5579
#2	.5318	.1393	.4577	1.000	1.059	1.048	.1178	.5287	.5579
#3	.5068	.1304	.4368	.9634	1.061	1.054	.1120	.5319	.5368

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7319.8	37710.	16383.
Stddev	158.0	54.	114.
%RSD	2.1591	.14400	.69390

#1	7217.9	37682.	16301.
#2	7239.7	37772.	16513.
#3	7501.9	37675.	16336.

Sample Name: CCV Acquired: 6/27/2019 12:07:22 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144	.5279	.5459	.5259	.5304	.5148	-.0022	.4930	.4938	.4952
Stddev	.0004	.0050	.0120	.0105	.0007	.0007	.0001	.0053	.0087	.0093
%RSD	.0867	.9534	2.202	1.990	.1403	.1399	6.555	1.082	1.759	1.875

#1	.5148	.5311	.5544	.5327	.5308	.5149	-.0023	.4901	.4984	.5008
#2	.5145	.5221	.5512	.5312	.5308	.5155	-.0022	.4992	.4993	.5004
#3	.5139	.5306	.5322	.5139	.5295	.5141	-.0021	.4898	.4838	.4845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5046	.5330	.5225	5.185	.4791	.5078	.5141	10.64	.5205	.5288
Stddev	.0013	.0006	.0019	.022	.0031	.0009	.0098	.02	.0101	.0095
%RSD	.2564	.1061	.3691	.4167	.6432	.1765	1.898	.1556	1.943	1.795

#1	.5061	.5324	.5213	5.193	.4776	.5074	.5197	10.63	.5265	.5348
#2	.5041	.5335	.5247	5.202	.4827	.5088	.5196	10.66	.5261	.5339
#3	.5036	.5331	.5215	5.161	.4771	.5071	.5028	10.63	.5088	.5179

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5282	.5179	5.640	.5027	.5231	.5247	.5041	.5259	.4990
Stddev	.0086	.0087	.106	.0091	.0008	.0005	.0087	.0009	.0089
%RSD	1.619	1.687	1.884	1.802	.1471	.0974	1.734	.1669	1.789

#1	.5320	.5217	5.711	.5073	.5235	.5251	.5106	.5267	.5040
#2	.5342	.5241	5.691	.5085	.5235	.5248	.5074	.5262	.5043
#3	.5184	.5079	5.517	.4923	.5222	.5241	.4941	.5250	.4887

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7722.6	40459.	16996.
Stddev	131.0	34.	51.
%RSD	1.6962	.08365	.29925

#1	7638.6	40461.	17008.
#2	7655.6	40493.	16940.
#3	7873.5	40425.	17040.

Sample Name: CCB Acquired: 6/27/2019 12:11:54 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0041	.0004	.0014	.0005	.0004	-.0001	-.0025	.0003	.0002
Stddev	.0000	.0017	.0012	.0004	.0001	.0001	.0008	.0027	.0001	.0001
%RSD	6.361	42.73	332.4	29.42	20.58	15.17	647.4	110.4	19.98	27.57
#1	.0007	.0021	-.0003	.0019	.0004	.0003	.0008	-.0035	.0003	.0003
#2	.0007	.0054	-.0004	.0011	.0006	.0004	-.0004	.0006	.0002	.0003
#3	.0006	.0047	.0018	.0012	.0004	.0004	-.0008	-.0045	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0013	.0112	.0244	-.0110	.0008	.0020	.0027	.0004	.0001
Stddev	.0003	.0001	.0016	.0090	.0018	.0001	.0004	.0027	.0000	.0006
%RSD	47.30	11.88	14.46	37.05	15.91	15.25	19.13	101.5	10.57	761.7
#1	.0005	.0012	.0093	.0198	-.0126	.0009	.0024	.0003	.0004	.0005
#2	.0003	.0012	.0120	.0186	-.0092	.0009	.0019	.0021	.0004	-.0006
#3	.0008	.0014	.0123	.0348	-.0114	.0007	.0017	.0057	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056	-.0002	.0026	.0026	.0004	.0011	-.0003	.0004	-.0022
Stddev	.0007	.0004	.0009	.0006	.0000	.0002	.0003	.0000	.0001
%RSD	12.86	163.3	32.97	21.84	7.605	14.31	104.7	10.70	5.010
#1	.0060	-.0000	.0031	.0030	.0004	.0012	-.0006	.0004	-.0022
#2	.0048	-.0007	.0031	.0029	.0005	.0009	.0000	.0004	-.0022
#3	.0061	.0000	.0016	.0019	.0004	.0012	-.0003	.0004	-.0024

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7836.2	40905.	17004.
Stddev	223.0	120.	41.
%RSD	2.8462	.29294	.24255
#1	7703.6	40918.	16962.
#2	7711.4	41017.	17004.
#3	8093.7	40779.	17045.

Sample Name: WG1253737-6,C,5 Acquired: 6/27/2019 12:16:45 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0103	-.0010	.0014	.0097	.0001	-.0001	.5822	.0001	.0002
Stddev	.0001	.0035	.0004	.0002	.0001	.0000	.0003	.0014	.0000	.0001
%RSD	60.89	34.13	41.73	16.30	.9893	36.47	577.1	.2354	68.68	50.09
#1	.0002	.0127	-.0005	.0012	.0097	.0001	-.0005	.5811	.0001	.0001
#2	.0001	.0063	-.0012	.0017	.0097	.0001	.0002	.5837	.0001	.0002
#3	.0002	.0120	-.0012	.0014	.0096	.0001	.0001	.5818	.0000	.0003
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0013	.0137	.1294	.0215	.0253	.0006	31.26	.0007	.0053
Stddev	.0003	.0001	.0018	.0102	.0015	.0001	.0001	.07	.0002	.0007
%RSD	64.61	9.026	13.00	7.872	6.776	.4100	10.80	.2369	23.93	14.02
#1	.0003	.0013	.0123	.1178	.0205	.0253	.0007	31.23	.0008	.0061
#2	.0003	.0013	.0131	.1336	.0232	.0252	.0006	31.35	.0007	.0050
#3	.0008	.0015	.0157	.1368	.0209	.0253	.0005	31.20	.0005	.0047
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0021	-.0002	.0593	-.0000	.0032	.0010	.0004	.0001	.0048	
Stddev	.0001	.0003	.0038	.0005	.0001	.0002	.0007	.0001	.0004	
%RSD	5.129	184.1	6.335	1164.	2.648	25.19	177.5	128.6	7.941	
#1	.0022	.0000	.0607	-.0006	.0031	.0007	.0000	.0002	.0050	
#2	.0021	.0000	.0622	.0002	.0033	.0011	.0013	-.0001	.0050	
#3	.0020	-.0005	.0551	.0003	.0032	.0011	-.0000	.0002	.0043	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7701.1	39766.	16646.							
Stddev	222.1	86.	53.							
%RSD	2.8842	.21724	.31618							
#1	7567.9	39712.	16686.							
#2	7577.8	39722.	16586.							
#3	7957.5	39866.	16667.							

Sample Name: L1927445-01,C Acquired: 6/27/2019 12:21:34 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0609	.0000	.0098	.0786	.0001	-.0006	20.03	.0001	.0002
Stddev	.0001	.0024	.0004	.0009	.0006	.0000	.0005	.17	.0000	.0001
%RSD	18.04	3.972	5257.	9.033	.7995	18.77	75.52	.8379	15.68	33.33

#1	.0003	.0597	.0005	.0098	.0791	.0001	-.0006	20.20	.0001	.0003
#2	.0004	.0593	-.0001	.0108	.0788	.0001	-.0002	20.02	.0001	.0001
#3	.0003	.0637	-.0004	.0090	.0779	.0001	-.0011	19.87	.0002	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0020	.0210	.6308	.7550	.1885	.0002	148.7	.0016	.0028
Stddev	.0002	.0002	.0007	.0082	.0067	.0012	.0001	.7	.0001	.0008
%RSD	14.30	8.696	3.566	1.303	.8858	.6362	41.36	.4947	6.929	30.37

#1	.0016	.0019	.0202	.6248	.7627	.1893	.0002	148.1	.0017	.0020
#2	.0014	.0021	.0216	.6275	.7520	.1892	.0001	149.5	.0017	.0037
#3	.0018	.0018	.0213	.6402	.7504	.1871	.0003	148.5	.0015	.0026

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0002	1.383	.0001	.1053	.0006	-.0007	.0002	.0052
Stddev	.0012	.0009	.044	.0002	.0008	.0001	.0001	.0002	.0002
%RSD	83.90	545.4	3.198	180.7	.7409	22.00	20.59	120.1	4.624

#1	.0023	.0012	1.406	-.0001	.1061	.0007	-.0006	.0000	.0052
#2	.0018	-.0005	1.411	.0004	.1051	.0005	-.0006	.0005	.0054
#3	.0001	-.0003	1.332	.0001	.1046	.0005	-.0008	.0001	.0049

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7345.8	37830.	16418.
Stddev	185.2	32.	106.
%RSD	2.5204	.08536	.64689

#1	7237.9	37836.	16311.
#2	7239.9	37859.	16419.
#3	7559.6	37795.	16523.

Sample Name: L1927636-01,C Acquired: 6/27/2019 12:26:27 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0304	.0018	.0044	.1503	.0000	-.0003	16.86	.0035	.0170
Stddev	.0001	.0063	.0007	.0003	.0004	.0000	.0009	.13	.0001	.0005
%RSD	739.9	20.63	35.58	5.862	.2751	20.59	256.6	.7984	3.565	2.861
#1	.0000	.0357	.0011	.0045	.1502	.0000	-.0004	16.81	.0035	.0172
#2	.0001	.0235	.0024	.0041	.1500	.0000	.0006	16.76	.0036	.0174
#3	-.0001	.0320	.0020	.0046	.1508	.0000	-.0011	17.02	.0033	.0165
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.2046	.4208	1.063	1.136	.3072	.0001	147.2	.0547	.2129
Stddev	.0004	.0004	.0021	.006	.014	.0015	.0001	.6	.0013	.0053
%RSD	22.43	.1903	.5007	.5971	1.231	.4864	111.3	.3937	2.360	2.501
#1	.0018	.2048	.4192	1.071	1.134	.3058	-.0000	146.5	.0553	.2157
#2	.0012	.2047	.4200	1.059	1.123	.3069	.0002	147.4	.0555	.2163
#3	.0017	.2041	.4232	1.061	1.151	.3088	.0002	147.6	.0532	.2068
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0035	-.0005	.4161	-.0003	.0582	.0002	-.0007	.0003	2.709	
Stddev	.0005	.0010	.0099	.0002	.0001	.0001	.0007	.0001	.075	
%RSD	13.73	220.5	2.385	74.69	.2324	78.33	101.9	36.32	2.786	
#1	.0034	.0006	.4212	-.0000	.0583	.0003	-.0008	.0003	2.746	
#2	.0040	-.0014	.4225	-.0004	.0581	.0000	-.0013	.0001	2.759	
#3	.0031	-.0006	.4047	-.0004	.0583	.0001	.0001	.0003	2.622	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7327.6	37840.	16440.							
Stddev	162.3	45.	125.							
%RSD	2.2147	.11818	.76009							
#1	7244.1	37806.	16497.							
#2	7224.0	37822.	16527.							
#3	7514.6	37891.	16297.							

Sample Name: L1927650-01,C Acquired: 6/27/2019 12:31:17 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.3503	.0013	.0069	.0493	.0000	-.0007	12.07	.0009	.0004
Stddev	.0002	.0045	.0005	.0005	.0001	.0000	.0006	.03	.0000	.0000
%RSD	201.1	1.297	37.75	6.552	.1764	432.7	85.94	.2896	3.247	10.92

#1	.0001	.3503	.0018	.0071	.0492	.0000	-.0000	12.06	.0009	.0004
#2	-.0001	.3458	.0013	.0073	.0493	-.0000	-.0012	12.04	.0009	.0004
#3	.0002	.3549	.0008	.0064	.0493	.0000	-.0009	12.10	.0009	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0252	.3807	.5985	.6321	.0729	.0002	152.4	.0019	.0290
Stddev	.0001	.0003	.0029	.0039	.0035	.0004	.0000	.1	.0002	.0006
%RSD	6.727	1.191	.7543	.6581	.5496	.6112	4.136	.0711	11.68	2.183

#1	.0019	.0253	.3795	.5977	.6332	.0730	.0002	152.5	.0020	.0296
#2	.0021	.0255	.3786	.5950	.6283	.0725	.0002	152.3	.0017	.0289
#3	.0019	.0249	.3840	.6027	.6350	.0734	.0002	152.3	.0021	.0284

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0000	1.081	.0002	.0268	.0132	-.0007	.0006	.0873
Stddev	.0005	.0012	.063	.0005	.0001	.0002	.0002	.0003	.0015
%RSD	347.2	6825.	5.831	312.3	.2561	1.764	26.20	50.43	1.772

#1	-.0004	-.0004	1.127	.0000	.0268	.0132	-.0005	.0003	.0881
#2	.0006	.0014	1.107	-.0003	.0268	.0135	-.0008	.0008	.0883
#3	.0003	-.0010	1.009	.0007	.0267	.0130	-.0008	.0006	.0855

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7330.6	37889.	16439.
Stddev	131.2	86.	57.
%RSD	1.7903	.22789	.34971

#1	7256.3	37987.	16456.
#2	7253.5	37824.	16485.
#3	7482.2	37856.	16374.

Sample Name: L1927676-01,C Acquired: 6/27/2019 12:36:08 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0516	.0037	.0151	.0112	.0000	-.0006	18.28	.0057	.0056
Stddev	.0001	.0016	.0007	.0004	.0001	.0000	.0003	.08	.0001	.0002
%RSD	33.56	3.135	17.78	2.363	.5426	81.33	47.30	.4266	1.793	2.951

#1	.0001	.0500	.0039	.0153	.0112	.0001	-.0007	18.22	.0058	.0057
#2	.0002	.0517	.0030	.0154	.0113	.0000	-.0003	18.25	.0058	.0057
#3	.0002	.0532	.0042	.0147	.0112	.0000	-.0007	18.37	.0056	.0054

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	.0068	.0585	.5380	.7899	.0346	.0004	157.4	.0026	11.20
Stddev	.0003	.0001	.0011	.0037	.0037	.0002	.0001	.9	.0002	.25
%RSD	8.363	1.801	1.858	.6956	.4699	.5161	34.36	.5730	6.128	2.190

#1	.0031	.0067	.0591	.5338	.7913	.0344	.0004	156.4	.0026	11.30
#2	.0032	.0069	.0572	.5408	.7858	.0346	.0004	157.6	.0027	11.39
#3	.0027	.0069	.0591	.5394	.7928	.0347	.0002	158.1	.0024	10.92

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0013	.3603	.0091	.0267	.0002	-.0002	.0018	14.56
Stddev	.0003	.0010	.0105	.0005	.0001	.0001	.0006	.0003	.29
%RSD	99.04	74.67	2.918	5.240	.5210	61.86	331.8	15.87	1.980

#1	.0000	-.0002	.3640	.0095	.0266	.0002	-.0006	.0015	14.66
#2	.0006	-.0017	.3685	.0092	.0269	.0004	.0005	.0020	14.78
#3	.0003	-.0020	.3484	.0085	.0267	.0001	-.0005	.0019	14.23

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7136.0	37493.	16520.
Stddev	138.6	60.	59.
%RSD	1.9417	.16007	.35588

#1	7081.0	37535.	16565.
#2	7033.3	37424.	16542.
#3	7293.6	37521.	16454.

Sample Name: L1927716-01,C Acquired: 6/27/2019 12:41:01 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0005	.0009	.0029	.0016	.0000	-.0004	38.27	.0000	.0001
Stddev	.0001	.0025	.0008	.0004	.0000	.0000	.0005	.16	.0000	.0001
%RSD	18.47	477.4	89.30	14.62	2.988	49.82	132.1	.4209	571.7	119.9

#1	.0004	.0015	.0016	.0030	.0016	.0000	-.0010	38.42	.0000	.0001
#2	.0003	-.0023	.0001	.0032	.0015	.0000	.0000	38.10	.0000	.0000
#3	.0003	.0024	.0009	.0024	.0015	.0001	-.0002	38.28	-.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0015	.0930	.2744	14.71	.0211	.0002	156.9	.0011	.0006
Stddev	.0002	.0001	.0023	.0217	.13	.0002	.0001	2.2	.0001	.0002
%RSD	15.57	6.267	2.461	7.907	.8542	.9988	63.32	1.402	9.815	26.93

#1	.0016	.0016	.0905	.2752	14.76	.0214	.0004	159.2	.0013	.0008
#2	.0013	.0015	.0937	.2523	14.57	.0211	.0001	154.8	.0011	.0006
#3	.0012	.0014	.0950	.2957	14.81	.0210	.0002	156.8	.0011	.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0004	.0642	.0001	.0148	.0002	-.0007	.0001	.0006
Stddev	.0011	.0007	.0004	.0001	.0001	.0001	.0010	.0002	.0002
%RSD	254.9	201.6	.5782	157.8	.6515	66.37	145.9	145.3	40.37

#1	.0008	.0008	.0638	.0000	.0147	.0002	-.0016	-.0001	.0008
#2	-.0013	-.0005	.0643	-.0000	.0147	.0001	-.0010	.0003	.0004
#3	-.0008	.0008	.0645	.0002	.0149	.0004	.0004	.0003	.0005

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7236.3	37395.	16303.
Stddev	166.6	28.	90.
%RSD	2.3028	.07434	.54942

#1	7131.2	37406.	16264.
#2	7149.1	37416.	16405.
#3	7428.4	37364.	16239.

Sample Name: L1927769-01,C Acquired: 6/27/2019 12:45:55 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0469	.0004	.0091	.0259	.0000	-.0004	41.27	.0001	.0011
Stddev	.0002	.0014	.0005	.0007	.0002	.0000	.0003	.21	.0000	.0002
%RSD	14780.	2.884	121.2	8.220	.7695	75.70	86.91	.5036	18.71	16.57

#1	.0000	.0459	.0006	.0087	.0259	.0000	-.0005	41.48	.0001	.0013
#2	-.0002	.0484	-.0001	.0100	.0256	.0001	-.0006	41.27	.0002	.0011
#3	.0002	.0463	.0008	.0086	.0260	.0001	-.0000	41.06	.0001	.0009

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0021	.0269	.9411	1.897	.1099	-.0001	153.9	.0039	.0076
Stddev	.0003	.0002	.0009	.0103	.012	.0003	.0001	.9	.0001	.0005
%RSD	14.26	8.372	3.205	1.090	.6204	.2894	114.9	.5833	1.422	6.600

#1	.0022	.0023	.0278	.9307	1.909	.1095	-.0001	154.0	.0040	.0077
#2	.0020	.0020	.0267	.9415	1.895	.1099	-.0001	154.8	.0040	.0080
#3	.0026	.0021	.0261	.9512	1.886	.1102	.0000	153.0	.0039	.0070

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0011	3.313	-.0002	.1357	.0012	-.0006	.0003	.0141
Stddev	.0003	.0015	.114	.0003	.0001	.0001	.0003	.0001	.0007
%RSD	64.27	133.2	3.449	214.8	.1043	4.994	42.45	37.25	4.652

#1	-.0007	-.0029	3.362	.0001	.1356	.0012	-.0008	.0005	.0143
#2	-.0006	-.0003	3.395	-.0005	.1356	.0011	-.0007	.0002	.0146
#3	-.0001	-.0003	3.182	-.0001	.1358	.0012	-.0003	.0003	.0133

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7247.7	37285.	16304.
Stddev	189.2	17.	42.
%RSD	2.6103	.04693	.25803

#1	7144.6	37303.	16260.
#2	7132.5	37268.	16310.
#3	7466.1	37284.	16343.

Sample Name: L1927769-02,C Acquired: 6/27/2019 12:50:48 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0328	.0008	.0092	.0269	.0001	.0001	43.01	.0002	.0010
Stddev	.0000	.0013	.0016	.0004	.0001	.0000	.0004	.12	.0000	.0001
%RSD	31.24	4.087	197.1	4.175	.5559	35.47	335.7	.2831	7.452	10.17

#1	.0001	.0335	.0023	.0094	.0270	.0001	-.0003	43.13	.0002	.0010
#2	.0002	.0313	-.0009	.0094	.0270	.0000	.0005	43.02	.0002	.0010
#3	.0001	.0337	.0011	.0088	.0268	.0001	.0001	42.89	.0002	.0012

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0022	.0209	.8304	2.065	.1143	.0001	154.0	.0039	.0097
Stddev	.0002	.0001	.0007	.0142	.005	.0006	.0001	.7	.0002	.0007
%RSD	9.006	5.145	3.172	1.714	.2617	.5204	49.48	.4267	4.896	6.967

#1	.0024	.0021	.0213	.8141	2.071	.1145	.0002	154.7	.0041	.0096
#2	.0022	.0023	.0214	.8402	2.063	.1148	.0001	153.6	.0039	.0091
#3	.0026	.0021	.0202	.8369	2.061	.1136	.0001	153.6	.0038	.0104

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0009	3.382	-.0004	.1435	.0006	-.0030	.0002	.0140
Stddev	.0006	.0011	.108	.0003	.0001	.0000	.0004	.0001	.0004
%RSD	75.59	115.9	3.188	73.01	.0994	5.892	13.26	53.50	3.018

#1	-.0008	.0018	3.441	-.0002	.1434	.0007	-.0032	.0001	.0144
#2	-.0015	-.0003	3.446	-.0007	.1436	.0006	-.0034	.0002	.0140
#3	-.0003	.0012	3.257	-.0003	.1436	.0006	-.0026	.0003	.0135

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7283.4	37538.	16414.
Stddev	197.4	56.	20.
%RSD	2.7101	.14923	.12320

#1	7178.3	37602.	16393.
#2	7160.7	37514.	16415.
#3	7511.1	37497.	16433.

Sample Name: L1927803-01,C Acquired: 6/27/2019 12:55:41 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0233	.0001	.0055	.0895	.0000	-.0001	4.506	.0012	.0007
Stddev	.0001	.0049	.0011	.0004	.0003	.0000	.0012	.008	.0000	.0001
%RSD	240.7	21.02	850.9	6.705	.3010	648.2	1718.	.1743	1.647	15.29

#1	.0001	.0288	.0011	.0057	.0893	-.0000	-.0012	4.502	.0012	.0008
#2	-.0000	.0194	-.0010	.0057	.0893	.0000	-.0002	4.501	.0012	.0006
#3	.0001	.0218	.0003	.0051	.0898	.0000	.0012	4.515	.0012	.0007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0148	.0174	.5524	.1695	.0809	-.0002	150.8	.0032	.0536
Stddev	.0000	.0001	.0014	.0139	.0011	.0005	.0000	.4	.0001	.0017
%RSD	2.776	.7318	7.803	2.514	.6646	.5810	21.24	.2648	4.078	3.220

#1	.0016	.0147	.0160	.5363	.1688	.0805	-.0001	150.6	.0031	.0548
#2	.0016	.0149	.0177	.5609	.1689	.0809	-.0001	151.3	.0031	.0544
#3	.0017	.0148	.0187	.5598	.1708	.0814	-.0002	150.6	.0033	.0516

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	.0000	.2971	-.0005	.0209	.0002	-.0021	.0001	.4129
Stddev	.0005	.0011	.0068	.0002	.0001	.0002	.0006	.0001	.0112
%RSD	68.36	4909.	2.279	39.82	.2538	74.15	28.69	86.86	2.712

#1	-.0002	.0012	.3005	-.0006	.0210	.0003	-.0020	.0002	.4188
#2	-.0009	-.0000	.3015	-.0006	.0209	.0003	-.0015	.0000	.4198
#3	-.0010	-.0011	.2893	-.0003	.0209	.0000	-.0027	.0001	.4000

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7301.0	37609.	16415.
Stddev	155.2	37.	29.
%RSD	2.1253	.09734	.17884

#1	7210.7	37599.	16447.
#2	7212.1	37578.	16407.
#3	7480.2	37649.	16390.

Sample Name: L1927817-01,C Acquired: 6/27/2019 13:00:35 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.2877	.0017	.1271	.0215	.0001	-.0005	6.742	-.0000	.0033
Stddev	.0001	.0008	.0007	.0032	.0001	.0000	.0003	.021	.0000	.0000
%RSD	513.3	.2891	40.58	2.543	.5477	47.08	65.88	.3124	82.69	.9893
#1	-.0001	.2868	.0024	.1289	.0214	.0001	-.0008	6.724	-.0000	.0033
#2	.0000	.2880	.0014	.1290	.0215	.0000	-.0002	6.765	-.0000	.0033
#3	.0000	.2883	.0011	.1233	.0216	.0001	-.0005	6.736	-.0000	.0033
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0030	.0566	.3404	1.248	.0242	-.0001	152.5	.0053	-.0008
Stddev	.0002	.0001	.0003	.0049	.013	.0002	.0000	.4	.0002	.0010
%RSD	12.59	4.109	.4494	1.451	1.015	.8042	6.746	.2831	4.318	115.3
#1	.0016	.0031	.0565	.3388	1.235	.0239	-.0002	152.1	.0055	.0002
#2	.0012	.0029	.0569	.3365	1.247	.0243	-.0001	152.6	.0052	-.0011
#3	.0014	.0031	.0565	.3460	1.261	.0243	-.0001	152.9	.0051	-.0016
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0012	-.0014	.5786	-.0004	.1533	.0004	-.0001	.0006	.0061	
Stddev	.0010	.0004	.0150	.0003	.0003	.0002	.0003	.0002	.0002	
%RSD	88.89	27.13	2.591	79.71	.2196	57.55	504.6	35.45	3.531	
#1	-.0001	-.0010	.5859	-.0004	.1532	.0005	.0003	.0005	.0061	
#2	-.0013	-.0018	.5886	-.0001	.1530	.0005	-.0002	.0004	.0063	
#3	-.0021	-.0015	.5614	-.0007	.1536	.0001	-.0003	.0008	.0059	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7318.4	37822.	16462.							
Stddev	160.7	37.	84.							
%RSD	2.1956	.09805	.50846							
#1	7240.2	37862.	16558.							
#2	7211.8	37788.	16424.							
#3	7503.2	37816.	16405.							

Sample Name: CCV Acquired: 6/27/2019 13:05:29 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5183	.5367	F .5536	.5316	.5373	.5238	-.0026	.4987	.4956	.5007
Stddev	.0014	.0012	.0114	.0118	.0010	.0015	.0006	.0027	.0096	.0106
%RSD	.2687	.2297	2.064	2.222	.1853	.2942	22.98	.5334	1.935	2.118

#1	.5187	.5370	.5605	.5382	.5385	.5228	-.0022	.4987	.5007	.5066
#2	.5195	.5377	.5599	.5388	.5368	.5256	-.0033	.4960	.5015	.5070
#3	.5168	.5353	.5404	.5180	.5368	.5230	-.0023	.5013	.4845	.4884

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524							
Low Limit			.4476							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5042	.5440	.5248	5.307	.4768	.5075	.5149	10.99	.5235	.5308
Stddev	.0021	.0010	.0011	.004	.0042	.0019	.0110	.03	.0113	.0108
%RSD	.4211	.1834	.2126	.0684	.8870	.3828	2.129	.2519	2.149	2.044

#1	.5054	.5428	.5241	5.304	.4787	.5073	.5211	11.00	.5303	.5372
#2	.5054	.5443	.5260	5.306	.4798	.5096	.5214	11.02	.5298	.5368
#3	.5018	.5447	.5241	5.311	.4720	.5057	.5023	10.96	.5106	.5182

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5285	.5271	5.712	.5047	.5334	.5287	.5109	.5326	.5005
Stddev	.0109	.0132	.129	.0097	.0008	.0005	.0111	.0011	.0087
%RSD	2.068	2.500	2.255	1.923	.1570	.0984	2.164	.1989	1.740

#1	.5331	.5346	5.792	.5102	.5341	.5286	.5163	.5332	.5050
#2	.5364	.5349	5.782	.5104	.5335	.5293	.5182	.5332	.5062
#3	.5160	.5119	5.564	.4935	.5325	.5282	.4982	.5314	.4905

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7592.0	39768.	16708.
Stddev	150.9	60.	75.
%RSD	1.9877	.15063	.44604

#1	7500.7	39815.	16787.
#2	7509.1	39701.	16639.
#3	7766.2	39788.	16698.

Sample Name: CCB Acquired: 6/27/2019 13:10:00 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0017	.0002	.0004	.0004	.0003	.0002	-.0053	.0002	.0002
Stddev	.0001	.0028	.0010	.0001	.0001	.0001	.0004	.0007	.0000	.0001
%RSD	14.78	165.8	471.7	36.27	21.76	23.04	213.3	12.41	8.801	47.23
#1	.0007	-.0048	.0014	.0006	.0004	.0003	.0003	-.0058	.0002	.0003
#2	.0007	-.0007	-.0006	.0003	.0004	.0003	.0005	-.0046	.0002	.0001
#3	.0005	.0005	-.0002	.0004	.0005	.0004	-.0003	-.0055	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0014	.0056	.0450	-.0117	.0006	.0013	.0203	.0004	-.0006
Stddev	.0000	.0001	.0014	.0078	.0016	.0001	.0003	.0076	.0001	.0004
%RSD	6.122	6.084	24.12	17.43	14.03	17.06	22.19	37.52	15.84	72.68
#1	.0005	.0015	.0041	.0535	-.0134	.0006	.0015	.0118	.0004	-.0008
#2	.0005	.0013	.0064	.0437	-.0116	.0006	.0013	.0226	.0005	-.0009
#3	.0004	.0014	.0064	.0380	-.0102	.0005	.0010	.0264	.0004	-.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	.0006	.0007	.0021	.0004	.0006	.0001	.0004	-.0025
Stddev	.0017	.0016	.0011	.0001	.0001	.0001	.0006	.0001	.0002
%RSD	33.26	271.3	163.9	6.410	22.17	20.48	886.2	30.15	6.332
#1	.0066	.0024	.0014	.0023	.0003	.0005	-.0003	.0003	-.0025
#2	.0058	-.0008	.0013	.0020	.0004	.0008	-.0003	.0005	-.0023
#3	.0033	.0002	-.0006	.0021	.0005	.0006	.0008	.0004	-.0026

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7725.2	40356.	16718.
Stddev	210.7	57.	80.
%RSD	2.7275	.14015	.48114
#1	7597.4	40408.	16650.
#2	7609.8	40363.	16807.
#3	7968.4	40295.	16698.

Sample Name: CCV Acquired: 6/27/2019 13:18:15 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5156	.5307	.5516	.5286	.5336	.5138	-.0022	.4878	.4936	.4983
Stddev	.0013	.0013	.0091	.0118	.0002	.0003	.0001	.0076	.0091	.0091
%RSD	.2484	.2381	1.652	2.228	.0285	.0617	3.674	1.555	1.847	1.821

#1	.5160	.5321	.5570	.5360	.5334	.5139	-.0021	.4962	.4995	.5043
#2	.5167	.5299	.5568	.5348	.5337	.5140	-.0022	.4816	.4982	.5029
#3	.5142	.5300	.5411	.5150	.5336	.5134	-.0023	.4854	.4831	.4879

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5023	.5378	.5183	5.228	.4726	.5015	.5144	10.73	.5214	.5291
Stddev	.0022	.0015	.0035	.003	.0045	.0001	.0090	.01	.0098	.0091
%RSD	.4337	.2725	.6812	.0488	.9509	.0203	1.756	.1323	1.875	1.714

#1	.5034	.5362	.5224	5.231	.4761	.5014	.5196	10.72	.5266	.5354
#2	.5037	.5385	.5164	5.226	.4743	.5015	.5197	10.75	.5276	.5332
#3	.4998	.5388	.5162	5.227	.4676	.5016	.5040	10.72	.5102	.5187

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5285	.5223	5.682	.5036	.5271	.5250	.5084	.5274	.4986
Stddev	.0080	.0108	.106	.0085	.0003	.0007	.0087	.0011	.0081
%RSD	1.509	2.059	1.866	1.681	.0662	.1426	1.718	.2127	1.617

#1	.5306	.5300	5.745	.5094	.5268	.5247	.5149	.5261	.5039
#2	.5353	.5269	5.741	.5075	.5275	.5244	.5119	.5283	.5025
#3	.5197	.5100	5.559	.4939	.5271	.5258	.4985	.5276	.4893

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7605.2	40005.	16889.
Stddev	129.0	78.	48.
%RSD	1.6964	.19489	.28358

#1	7531.7	40092.	16837.
#2	7529.7	39980.	16901.
#3	7754.2	39942.	16930.

Sample Name: CCB Acquired: 6/27/2019 13:22:47 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0012	.0001	.0009	.0005	.0004	-.0004	-.0031	.0002	.0002
Stddev	.0002	.0044	.0004	.0002	.0000	.0000	.0002	.0030	.0000	.0000
%RSD	34.63	374.4	473.0	19.77	9.856	8.140	44.21	98.16	13.65	21.78
#1	.0007	.0040	.0002	.0007	.0005	.0004	-.0003	-.0058	.0002	.0002
#2	.0004	-.0039	-.0003	.0010	.0005	.0004	-.0003	-.0038	.0003	.0001
#3	.0005	.0034	.0003	.0009	.0005	.0005	-.0006	.0002	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0014	.0049	.0353	-.0111	.0007	.0015	.0024	.0004	-.0006
Stddev	.0001	.0001	.0003	.0091	.0027	.0002	.0003	.0012	.0002	.0004
%RSD	10.22	5.382	6.827	25.87	24.28	21.55	21.24	50.53	48.00	65.61
#1	.0007	.0013	.0050	.0438	-.0116	.0006	.0017	.0033	.0006	-.0001
#2	.0006	.0013	.0046	.0366	-.0082	.0009	.0015	.0010	.0003	-.0009
#3	.0008	.0015	.0053	.0256	-.0135	.0006	.0011	.0030	.0002	-.0007

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051	.0004	.0004	.0025	.0004	.0008	.0001	.0004	-.0025
Stddev	.0008	.0005	.0006	.0002	.0001	.0001	.0004	.0002	.0001
%RSD	15.51	106.5	145.3	8.286	16.83	16.46	547.0	42.81	4.625
#1	.0051	.0005	.0006	.0025	.0004	.0008	.0001	.0006	-.0026
#2	.0059	.0008	.0009	.0027	.0004	.0009	.0005	.0003	-.0024
#3	.0043	-.0001	-.0003	.0023	.0005	.0006	-.0003	.0003	-.0025

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7687.0	40114.	16541.
Stddev	235.3	63.	38.
%RSD	3.0612	.15750	.23043
#1	7538.4	40173.	16504.
#2	7564.2	40047.	16581.
#3	7958.3	40121.	16539.

Sample Name: WG1253873-1,C Acquired: 6/27/2019 13:27:37 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0008	-.0007	.0016	.0001	.0001	-.0008	.0045	.0000	-.0000
Stddev	.0002	.0032	.0002	.0004	.0001	.0000	.0004	.0027	.0000	.0001
%RSD	250.8	410.8	36.96	27.28	152.7	5.798	57.44	59.98	125.9	537.4

#1	-.0001	-.0020	-.0007	.0020	.0000	.0001	-.0013	.0016	-.0000	.0001
#2	.0001	.0001	-.0009	.0015	.0002	.0001	-.0005	.0070	.0000	-.0002
#3	.0003	.0043	-.0004	.0012	.0000	.0001	-.0005	.0051	.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0012	.0195	.0757	-.0129	.0015	.0006	.0623	.0013	-.0006
Stddev	.0003	.0000	.0007	.0141	.0023	.0002	.0002	.0011	.0001	.0007
%RSD	13.67	3.678	3.430	18.58	17.83	11.02	29.86	1.789	6.820	126.1

#1	.0021	.0012	.0188	.0737	-.0118	.0014	.0008	.0630	.0014	.0002
#2	.0024	.0012	.0198	.0907	-.0112	.0017	.0004	.0630	.0013	-.0008
#3	.0028	.0011	.0200	.0628	-.0155	.0014	.0005	.0610	.0013	-.0011

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-.0004	.0089	.0083	.0001	.0003	-.0001	-.0000	-.0017
Stddev	.0005	.0013	.0010	.0001	.0001	.0001	.0006	.0001	.0001
%RSD	30.87	329.7	11.05	1.431	75.64	46.87	908.5	1647.	5.106

#1	.0024	.0011	.0101	.0082	.0000	.0001	-.0007	-.0001	-.0017
#2	.0014	-.0012	.0086	.0082	.0001	.0003	.0004	.0001	-.0019
#3	.0015	-.0011	.0082	.0084	.0002	.0004	.0001	-.0000	-.0017

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7574.1	39517.	16332.
Stddev	210.9	66.	71.
%RSD	2.7840	.16708	.43378

#1	7459.4	39459.	16289.
#2	7445.4	39502.	16413.
#3	7817.4	39589.	16293.

Sample Name: WG1253873-2,C Acquired: 6/27/2019 13:32:26 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521	2.155	.1366	1.120	2.140	.0535	-.0023	10.16	.0533	.5093
Stddev	.0004	.005	.0044	.031	.001	.0001	.0001	.03	.0012	.0123
%RSD	.7602	.2252	3.185	2.800	.0569	.1837	6.113	.2616	2.235	2.410

#1	.0525	2.160	.1396	1.137	2.141	.0536	-.0021	10.19	.0540	.5161
#2	.0518	2.151	.1386	1.138	2.141	.0534	-.0024	10.16	.0540	.5166
#3	.0519	2.152	.1316	1.083	2.139	.0534	-.0023	10.14	.0519	.4951

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2028	.2711	1.102	10.92	9.839	.5039	1.026	11.31	.5159	.5539
Stddev	.0008	.0005	.003	.03	.044	.0009	.028	.02	.0135	.0136
%RSD	.3875	.1872	.2867	.2643	.4455	.1707	2.698	.1371	2.614	2.462

#1	.2037	.2715	1.105	10.95	9.882	.5049	1.043	11.31	.5234	.5619
#2	.2025	.2713	1.101	10.92	9.841	.5032	1.042	11.32	.5241	.5616
#3	.2022	.2706	1.099	10.89	9.794	.5036	.9945	11.29	.5004	.5381

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5431	.1350	.7229	1.006	1.079	1.058	.1234	.5379	.5160
Stddev	.0156	.0043	.0201	.027	.001	.002	.0037	.0006	.0103
%RSD	2.875	3.220	2.782	2.725	.0647	.1673	2.964	.1167	1.999

#1	.5523	.1393	.7362	1.020	1.079	1.060	.1260	.5385	.5214
#2	.5520	.1350	.7327	1.023	1.079	1.057	.1249	.5381	.5225
#3	.5251	.1306	.6998	.9742	1.078	1.056	.1192	.5373	.5041

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7411.7	38552.	16270.
Stddev	179.7	76.	35.
%RSD	2.4242	.19816	.21249

#1	7302.0	38490.	16230.
#2	7314.1	38527.	16291.
#3	7619.1	38637.	16288.

Sample Name: L1925448-01,C Acquired: 6/27/2019 13:36:59 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0485	.0607	.0165	.0121	.0000	.0027	1.892	.0000	.0013
Stddev	.0003	.0026	.0020	.0004	.0001	.0000	.0002	.006	.0001	.0001
%RSD	335.6	5.320	3.324	2.691	1.001	66.13	6.464	.3110	496.5	4.342

#1	-.0003	.0483	.0629	.0164	.0122	.0001	.0026	1.893	-.0000	.0014
#2	.0004	.0460	.0600	.0170	.0121	.0000	.0026	1.885	.0001	.0014
#3	.0002	.0512	.0591	.0161	.0120	.0000	.0029	1.897	-.0000	.0013

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3707	.0185	.1842	4017.	.2511	.0019	.0118	1877.	.0080	-.0024
Stddev	.0018	.0003	.0015	104.	.0055	.0001	.0008	14.	.0002	.0004
%RSD	.4876	1.621	.8172	2.587	2.172	4.478	6.659	.7481	2.074	17.91

#1	.3722	.0181	.1851	4132.	.2556	.0019	.0125	1893.	.0078	-.0029
#2	.3711	.0186	.1851	3989.	.2526	.0020	.0118	1865.	.0081	-.0022
#3	.3687	.0186	.1825	3930.	.2450	.0018	.0109	1873.	.0080	-.0021

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0758	.1302	.3349	.0602	.0127	.0025	-.0071	.0030	.3074
Stddev	.0027	.0050	.0109	.0018	.0000	.0002	.0011	.0001	.0101
%RSD	3.623	3.848	3.266	3.064	.1334	7.356	15.97	2.773	3.289

#1	.0773	.1329	.3407	.0609	.0127	.0025	-.0058	.0031	.3133
#2	.0776	.1332	.3418	.0616	.0127	.0026	-.0075	.0029	.3131
#3	.0727	.1244	.3223	.0581	.0127	.0023	-.0079	.0030	.2957

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5130.0	25202.	13898.
Stddev	134.7	37.	43.
%RSD	2.6254	.14645	.30757

#1	5056.7	25221.	13867.
#2	5047.9	25226.	13947.
#3	5285.4	25160.	13879.

Sample Name: WG1253873-3,C Acquired: 6/27/2019 13:42:01 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736	2.203	.2615	1.182	2.149	.0507	.0001	11.25	.0516	.4564
Stddev	.0005	.012	.0073	.024	.008	.0002	.0008	.04	.0009	.0080
%RSD	.6571	.5511	2.775	2.023	.3725	.3834	1462.	.3555	1.721	1.745

#1	.0733	2.195	.2663	1.199	2.144	.0506	.0009	11.23	.0521	.4613
#2	.0734	2.198	.2650	1.192	2.144	.0505	-.0001	11.30	.0522	.4608
#3	.0742	2.217	.2531	1.154	2.158	.0509	-.0006	11.23	.0506	.4472

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5652	.3510	1.225	3652.	5.773	.4792	1.027	1810.	.4586	.4485
Stddev	.0021	.0018	.003	13.	.027	.0012	.019	17.	.0081	.0070
%RSD	.3726	.5197	.2338	.3583	.4660	.2572	1.838	.9312	1.763	1.559

#1	.5667	.3519	1.224	3657.	5.787	.4779	1.039	1828.	.4636	.4524
#2	.5662	.3488	1.222	3661.	5.790	.4802	1.036	1809.	.4629	.4527
#3	.5628	.3521	1.228	3637.	5.742	.4796	1.005	1794.	.4492	.4404

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7081	.3551	1.088	.9255	1.079	1.073	.0903	.5521	.8422
Stddev	.0146	.0084	.022	.0160	.006	.002	.0007	.0013	.0139
%RSD	2.058	2.373	2.046	1.730	.5618	.1604	.7267	.2372	1.650

#1	.7199	.3580	1.104	.9356	1.076	1.075	.0909	.5532	.8503
#2	.7125	.3617	1.098	.9338	1.076	1.072	.0896	.5506	.8502
#3	.6918	.3456	1.063	.9070	1.086	1.072	.0904	.5523	.8262

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5114.4	25282.	13972.
Stddev	90.8	51.	23.
%RSD	1.7753	.20064	.16366

#1	5051.7	25325.	13997.
#2	5073.0	25295.	13968.
#3	5218.6	25226.	13951.

Sample Name: WG1253873-4,C Acquired: 6/27/2019 13:46:50 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0417	.0608	.0167	.0125	.0000	.0021	1.870	-.0000	.0012
Stddev	.0001	.0011	.0008	.0004	.0001	.0000	.0003	.010	.0000	.0001
%RSD	58.29	2.665	1.385	2.224	.7345	25.66	15.28	.5108	66.63	8.860

#1	.0003	.0421	.0605	.0165	.0125	.0000	.0023	1.859	-.0001	.0011
#2	.0001	.0405	.0618	.0172	.0125	.0000	.0017	1.875	-.0000	.0013
#3	.0001	.0426	.0602	.0166	.0123	.0000	.0023	1.876	-.0001	.0011

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3702	.0192	.1825	3402.	.2513	.0021	.0108	1812.	.0080	-.0024
Stddev	.0011	.0001	.0012	7.	.0025	.0002	.0003	13.	.0002	.0006
%RSD	.2909	.5466	.6524	.1967	1.005	10.48	2.474	.7046	2.502	26.04

#1	.3709	.0192	.1812	3409.	.2495	.0019	.0109	1798.	.0081	-.0029
#2	.3689	.0193	.1834	3396.	.2502	.0022	.0110	1823.	.0081	-.0017
#3	.3707	.0191	.1831	3399.	.2542	.0023	.0105	1814.	.0077	-.0025

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756	.1276	.3372	.0600	.0129	.0026	-.0063	.0026	.3136
Stddev	.0032	.0051	.0064	.0013	.0000	.0003	.0009	.0001	.0081
%RSD	4.238	4.036	1.898	2.168	.2688	10.26	13.65	2.682	2.585

#1	.0766	.1302	.3398	.0602	.0129	.0027	-.0072	.0026	.3174
#2	.0783	.1309	.3419	.0613	.0129	.0023	-.0054	.0025	.3192
#3	.0721	.1216	.3299	.0587	.0130	.0027	-.0063	.0026	.3043

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5116.7	25047.	13746.
Stddev	112.8	103.	92.
%RSD	2.2052	.41132	.66619

#1	5063.8	25012.	13851.
#2	5040.0	24967.	13705.
#3	5246.2	25164.	13682.

Sample Name: WG1253873-5,C Acquired: 6/27/2019 13:51:51 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1145	2.140	.2519	1.157	2.113	.0500	-.0006	11.07	.0514	.4477
Stddev	.0022	.006	.0052	.030	.003	.0001	.0009	.02	.0008	.0084
%RSD	1.888	.2963	2.049	2.580	.1315	.2776	144.2	.1958	1.562	1.875

#1	.1137	2.135	.2560	1.176	2.110	.0500	-.0016	11.05	.0519	.4526
#2	.1129	2.147	.2537	1.172	2.116	.0499	-.0003	11.06	.0518	.4525
#3	.1170	2.138	.2461	1.123	2.114	.0502	.0001	11.09	.0504	.4380

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5619	.3481	1.186	3286.	5.912	.4668	1.009	1770.	.4506	.4403
Stddev	.0095	.0057	.003	28.	.037	.0017	.021	13.	.0084	.0073
%RSD	1.684	1.634	.2770	.8576	.6187	.3710	2.107	.7309	1.866	1.668

#1	.5568	.3452	1.187	3314.	5.880	.4652	1.023	1756.	.4553	.4453
#2	.5561	.3445	1.183	3287.	5.903	.4665	1.020	1772.	.4555	.4437
#3	.5728	.3547	1.189	3257.	5.952	.4686	.9847	1782.	.4409	.4318

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6843	.3461	.4858	.9125	1.067	1.072	.0898	.5486	.8295
Stddev	.0162	.0097	.0090	.0194	.002	.018	.0016	.0096	.0128
%RSD	2.369	2.811	1.861	2.128	.1954	1.641	1.790	1.755	1.539

#1	.6960	.3513	.4915	.9247	1.065	1.065	.0917	.5449	.8368
#2	.6911	.3520	.4905	.9226	1.069	1.060	.0889	.5414	.8371
#3	.6658	.3349	.4754	.8901	1.067	1.093	.0889	.5596	.8148

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5163.7	25158.	13630.
Stddev	119.4	363.	55.
%RSD	2.3130	1.4417	.40362

#1	5083.4	25345.	13693.
#2	5106.7	25390.	13605.
#3	5300.9	24740.	13592.

Sample Name: WG1253873-6,C,5 Acquired: 6/27/2019 13:56:39 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0061	.0082	.0037	.0029	.0000	.0006	.4209	.0001	.0000
Stddev	.0003	.0041	.0008	.0003	.0001	.0000	.0003	.0036	.0000	.0000
%RSD	430.0	66.86	9.809	9.024	4.359	100.2	48.42	.8590	19.49	138.5

#1	.0004	.0015	.0091	.0040	.0030	.0001	.0009	.4226	.0000	.0000
#2	-.0003	.0074	.0076	.0033	.0029	-.0000	.0005	.4233	.0001	-.0000
#3	.0001	.0094	.0079	.0038	.0028	.0001	.0004	.4167	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0789	.0050	.0396	1484.	.0664	.0011	.0028	477.3	.0020	.0000
Stddev	.0004	.0002	.0005	18.	.0017	.0000	.0001	4.0	.0002	.0008
%RSD	.4826	3.088	1.156	1.216	2.511	4.286	3.456	.8324	9.692	1963.

#1	.0790	.0049	.0400	1500.	.0650	.0011	.0028	474.2	.0018	-.0008
#2	.0785	.0051	.0391	1488.	.0660	.0010	.0028	481.8	.0019	.0009
#3	.0792	.0048	.0397	1465.	.0682	.0011	.0027	475.9	.0022	.0000

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136	.0164	.0644	.0091	.0028	.0012	-.0013	.0007	.0614
Stddev	.0005	.0017	.0022	.0010	.0000	.0001	.0002	.0001	.0019
%RSD	3.958	10.62	3.468	11.22	.8623	6.693	12.60	20.80	3.064

#1	.0135	.0173	.0659	.0102	.0028	.0011	-.0014	.0006	.0625
#2	.0142	.0174	.0655	.0091	.0028	.0012	-.0014	.0008	.0625
#3	.0131	.0144	.0619	.0081	.0028	.0012	-.0011	.0006	.0592

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	6563.8	32179.	14646.
Stddev	145.1	42.	51.
%RSD	2.2110	.13132	.35149

#1	6477.5	32212.	14677.
#2	6482.6	32131.	14587.
#3	6731.4	32193.	14675.

Sample Name: XWG1253819-1,C Acquired: 6/27/2019 14:01:41 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0027	.0003	.0010	.0001	.0000	-.0007	-.0057	.0000	-.0001
Stddev	.0002	.0019	.0008	.0003	.0001	.0000	.0002	.0016	.0000	.0001
%RSD	204.7	72.11	301.5	28.47	54.26	106.9	33.24	29.01	228.2	108.1

#1	.0003	.0020	.0005	.0013	.0002	.0000	-.0008	-.0064	.0000	-.0000
#2	.0002	.0048	-.0007	.0009	.0001	.0000	-.0009	-.0068	-.0000	-.0001
#3	-.0001	.0011	.0010	.0008	.0001	.0000	-.0004	-.0038	.0000	-.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0008	.0099	23.27	-.0122	.0002	.0002	2.260	.0007	-.0005
Stddev	.0001	.0001	.0006	1.82	.0017	.0004	.0001	.170	.0001	.0004
%RSD	4.631	10.27	6.479	7.821	14.40	219.2	44.74	7.510	7.341	97.80

#1	.0014	.0009	.0101	25.20	-.0104	-.0001	.0003	2.445	.0007	.0001
#2	.0013	.0008	.0092	23.03	-.0121	.0006	.0002	2.224	.0007	-.0007
#3	.0015	.0008	.0105	21.58	-.0139	.0000	.0002	2.112	.0006	-.0007

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	-.0010	.0025	-.0006	.0001	.0002	-.0023	-.0000	-.0028
Stddev	.0002	.0005	.0006	.0004	.0000	.0000	.0004	.0001	.0001
%RSD	51.10	50.84	23.47	68.50	13.86	14.85	17.61	245600.	3.634

#1	-.0002	-.0009	.0028	-.0008	.0000	.0003	-.0019	.0001	-.0027
#2	-.0005	-.0005	.0028	-.0009	.0000	.0002	-.0027	-.0001	-.0027
#3	-.0003	-.0015	.0018	-.0001	.0001	.0002	-.0024	-.0000	-.0029

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7627.3	39613.	15701.
Stddev	192.9	46.	166.
%RSD	2.5296	.11692	1.0599

#1	7523.6	39657.	15509.
#2	7508.4	39616.	15788.
#3	7849.9	39564.	15805.

Sample Name: XWG1253819-2,C Acquired: 6/27/2019 14:06:29 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522	2.182	.1368	1.123	2.160	.0534	-.0026	10.18	.0538	.5131
Stddev	.0002	.009	.0031	.022	.014	.0001	.0003	.05	.0010	.0092
%RSD	.4657	.4150	2.289	1.925	.6338	.2567	12.11	.5130	1.792	1.800

#1	.0523	2.177	.1394	1.136	2.169	.0533	-.0026	10.14	.0545	.5188
#2	.0519	2.176	.1375	1.135	2.165	.0533	-.0023	10.15	.0543	.5180
#3	.0523	2.192	.1333	1.098	2.144	.0535	-.0030	10.23	.0527	.5024

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2042	.2713	1.081	19.95	10.36	.4911	1.028	12.44	.5183	.5574
Stddev	.0009	.0007	.005	.14	.08	.0011	.018	.03	.0098	.0094
%RSD	.4397	.2549	.4719	.7228	.7537	.2323	1.762	.2442	1.893	1.685

#1	.2039	.2705	1.080	20.08	10.39	.4899	1.040	12.48	.5240	.5627
#2	.2034	.2716	1.076	19.96	10.28	.4912	1.038	12.44	.5240	.5630
#3	.2051	.2718	1.087	19.80	10.43	.4921	1.007	12.42	.5070	.5466

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5424	.1334	.7229	1.013	1.092	1.067	.1240	.5420	.5238
Stddev	.0110	.0016	.0147	.017	.003	.002	.0026	.0011	.0084
%RSD	2.025	1.213	2.033	1.705	.2594	.1538	2.067	.1963	1.606

#1	.5472	.1350	.7318	1.024	1.095	1.066	.1255	.5425	.5297
#2	.5502	.1333	.7310	1.021	1.092	1.065	.1256	.5407	.5275
#3	.5299	.1318	.7060	.9927	1.089	1.068	.1211	.5426	.5142

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7440.3	38471.	15600.
Stddev	122.4	27.	77.
%RSD	1.6456	.06902	.49126

#1	7370.2	38479.	15625.
#2	7369.0	38494.	15662.
#3	7581.6	38442.	15514.

Sample Name: XL1926790-01,C Acquired: 6/27/2019 14:11:03 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.4437	.0099	48.30	.0239	.0000	.0014	2.090	.0126	.0227
Stddev	.0002	.0028	.0005	1.67	.0002	.0000	.0005	.017	.0005	.0007
%RSD	114.0	.6213	4.864	3.462	.7176	38.91	35.61	.8119	3.736	3.239

#1	.0001	.4464	.0097	49.06	.0241	.0000	.0019	2.109	.0128	.0231
#2	.0001	.4437	.0095	49.45	.0240	.0000	.0009	2.086	.0129	.0232
#3	.0004	.4409	.0104	46.38	.0237	.0000	.0013	2.076	.0121	.0219

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331	.1659	10.13	179.1	.4526	.5733	.3359	79.86	.0938	1.026
Stddev	.0005	.0026	.07	1.1	.0014	.0027	.0116	.47	.0032	.036
%RSD	1.427	1.583	.6720	.6167	.3089	.4732	3.450	.5922	3.380	3.492

#1	.0336	.1673	10.20	180.3	.4541	.5764	.3412	80.40	.0954	1.044
#2	.0331	.1676	10.10	178.6	.4514	.5720	.3439	79.66	.0958	1.049
#3	.0326	.1629	10.07	178.2	.4523	.5715	.3227	79.52	.0901	.9846

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0824	.0078	.4534	.0170	.0093	.0023	-.0005	.0110	.8499
Stddev	.0032	.0006	.1537	.0011	.0001	.0003	.0000	.0003	.0287
%RSD	3.863	8.142	33.89	6.357	.5751	11.52	9.346	2.984	3.378

#1	.0835	.0081	.6094	.0173	.0093	.0025	-.0005	.0112	.8659
#2	.0849	.0081	.4486	.0178	.0092	.0023	-.0006	.0113	.8671
#3	.0788	.0070	.3022	.0158	.0093	.0020	-.0005	.0107	.8168

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7287.1	36150.	14270.
Stddev	214.1	459.	17.
%RSD	2.9383	1.2692	.11839

#1	7189.9	35816.	14252.
#2	7138.8	35960.	14272.
#3	7532.6	36673.	14286.

Sample Name: CCV Acquired: 6/27/2019 14:15:41 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5189	.5481	F .5564	F .5589	.5408	.5223	-.0023	.4948	.4893	.5014
Stddev	.0015	.0036	.0135	.0146	.0014	.0013	.0005	.0037	.0100	.0103
%RSD	.2980	.6495	2.432	2.608	.2592	.2541	23.94	.7478	2.047	2.062
#1	.5204	.5464	.5646	.5693	.5393	.5225	-.0027	.4986	.4951	.5080
#2	.5191	.5521	.5638	.5653	.5421	.5236	-.0024	.4912	.4950	.5066
#3	.5173	.5456	.5407	.5423	.5411	.5209	-.0017	.4947	.4777	.4895

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524	.5524						
Low Limit			.4476	.4476						

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4989	.5487	.5088	F 7.580	.4979	.4841	.5119	F 11.54	.5167	.5286
Stddev	.0022	.0014	.0010	.045	.0057	.0012	.0104	.01	.0104	.0109
%RSD	.4440	.2533	.1944	.5901	1.152	.2530	2.025	.0656	2.004	2.053
#1	.5007	.5502	.5098	7.597	.5034	.4834	.5174	11.54	.5223	.5357
#2	.4995	.5475	.5089	7.615	.4985	.4855	.5182	11.55	.5231	.5339
#3	.4964	.5484	.5078	7.530	.4920	.4834	.4999	11.54	.5048	.5161

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5.524				11.05		
Low Limit				4.476				8.952		

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5350	.5278	5.662	.5014	.5400	.5284	.5138	.5346	.4973
Stddev	.0109	.0112	.122	.0103	.0008	.0014	.0109	.0018	.0102
%RSD	2.033	2.122	2.161	2.054	.1476	.2688	2.127	.3429	2.058
#1	.5380	.5342	5.731	.5071	.5391	.5298	.5197	.5366	.5038
#2	.5440	.5344	5.734	.5076	.5407	.5283	.5204	.5339	.5027
#3	.5229	.5149	5.521	.4895	.5401	.5270	.5012	.5332	.4855

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7578.9	39625.	15957.
Stddev	133.2	80.	89.
%RSD	1.7575	.20132	.55711
#1	7510.1	39585.	15894.
#2	7494.1	39573.	15919.
#3	7732.4	39717.	16059.

Sample Name: CCB Acquired: 6/27/2019 14:20:13 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0013	.0006	.0130	.0004	.0003	-.0001	-.0056	.0002	.0001
Stddev	.0000	.0051	.0002	.0013	.0000	.0001	.0008	.0038	.0000	.0001
%RSD	3.050	396.1	26.76	10.02	9.082	23.47	532.8	67.66	11.32	74.50
#1	.0005	.0062	.0004	.0142	.0004	.0003	.0007	-.0067	.0002	.0001
#2	.0006	-.0039	.0006	.0131	.0004	.0003	-.0003	-.0014	.0002	.0001
#3	.0006	.0016	.0008	.0116	.0004	.0002	-.0008	-.0087	.0002	.0000

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0013	.0046	1.779	-.0111	.0005	.0019	.3115	.0002	-.0011
Stddev	.0003	.0001	.0009	.010	.0033	.0002	.0004	.0028	.0000	.0002
%RSD	71.90	7.183	18.50	.5871	29.41	41.22	19.33	.9036	12.60	18.00
#1	.0002	.0013	.0042	1.791	-.0109	.0006	.0023	.3110	.0002	-.0013
#2	.0008	.0014	.0040	1.771	-.0146	.0003	.0018	.3089	.0002	-.0009
#3	.0003	.0013	.0056	1.775	-.0080	.0007	.0016	.3145	.0002	-.0010

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055	-.0008	-.0026	.0021	.0004	.0005	.0001	.0003	-.0026
Stddev	.0010	.0015	.0003	.0006	.0001	.0002	.0012	.0001	.0001
%RSD	17.98	189.1	13.07	30.62	17.15	42.66	817.1	26.92	4.037
#1	.0067	.0006	-.0023	.0023	.0004	.0007	.0014	.0002	-.0025
#2	.0049	-.0023	-.0027	.0026	.0003	.0003	.0000	.0003	-.0027
#3	.0050	-.0006	-.0029	.0014	.0004	.0006	-.0010	.0003	-.0025

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7610.2	40192.	16134.
Stddev	279.4	21.	141.
%RSD	3.6710	.05345	.87165
#1	7425.9	40217.	16018.
#2	7473.1	40177.	16094.
#3	7931.7	40183.	16291.

Sample Name: CCV Acquired: 6/27/2019 14:53:31 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253	.5518	F .5570	.5382	.5511	.5196	-.0019	.4914	.4964	.5011
Stddev	.0011	.0060	.0116	.0122	.0033	.0033	.0006	.0032	.0084	.0097
%RSD	.2010	1.081	2.080	2.269	.5911	.6282	30.17	.6511	1.688	1.944

#1	.5264	.5586	.5645	.5455	.5549	.5233	-.0021	.4912	.5002	.5068
#2	.5244	.5475	.5628	.5450	.5494	.5174	-.0013	.4883	.5023	.5066
#3	.5251	.5492	.5436	.5241	.5491	.5181	-.0024	.4947	.4868	.4898

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524							
Low Limit			.4476							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4982	.5520	.4940	F 6.464	.5095	.4728	.5074	F 11.84	.5213	.5323
Stddev	.0018	.0013	.0033	.032	.0050	.0032	.0099	.08	.0096	.0095
%RSD	.3630	.2391	.6582	.4910	.9889	.6702	1.958	.6567	1.851	1.785

#1	.4991	.5522	.4974	6.498	.5141	.4765	.5134	11.93	.5269	.5375
#2	.4993	.5506	.4939	6.457	.5102	.4707	.5130	11.80	.5268	.5380
#3	.4961	.5532	.4909	6.436	.5041	.4713	.4960	11.79	.5102	.5213

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5.524				11.05		
Low Limit				4.476				8.952		

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5287	.5304	5.682	.5044	.5429	.5292	.5147	.5355	.5065
Stddev	.0099	.0098	.125	.0095	.0030	.0009	.0098	.0007	.0079
%RSD	1.864	1.845	2.200	1.889	.5593	.1784	1.911	.1247	1.560

#1	.5344	.5371	5.770	.5093	.5464	.5291	.5210	.5362	.5095
#2	.5343	.5350	5.737	.5105	.5408	.5282	.5197	.5349	.5125
#3	.5173	.5192	5.539	.4934	.5416	.5301	.5033	.5354	.4975

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7568.7	39041.	15435.
Stddev	151.9	83.	29.
%RSD	2.0075	.21155	.18800

#1	7459.0	39091.	15412.
#2	7505.0	39086.	15468.
#3	7742.2	38945.	15426.

Sample Name: CCB Acquired: 6/27/2019 14:58:03 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0024	.0001	.0022	.0004	.0004	-.0003	-.0041	.0002	.0001
Stddev	.0002	.0014	.0006	.0001	.0000	.0000	.0004	.0011	.0000	.0000
%RSD	35.94	57.41	593.0	4.811	8.013	4.069	134.0	26.01	17.58	49.46
#1	.0005	-.0009	.0000	.0021	.0005	.0004	.0001	-.0031	.0002	.0001
#2	.0005	-.0028	-.0005	.0023	.0004	.0004	-.0008	-.0053	.0003	.0001
#3	.0009	-.0036	.0007	.0021	.0004	.0004	-.0002	-.0040	.0002	.0000

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0012	.0039	.8344	-.0122	.0006	.0018	.1854	.0003	-.0009
Stddev	.0001	.0001	.0007	.0106	.0016	.0001	.0004	.0015	.0002	.0005
%RSD	16.43	7.390	17.85	1.266	13.43	8.618	23.34	.8334	53.17	58.61
#1	.0005	.0013	.0033	.8224	-.0138	.0007	.0023	.1856	.0005	-.0003
#2	.0006	.0012	.0047	.8421	-.0122	.0007	.0019	.1837	.0002	-.0013
#3	.0004	.0012	.0038	.8387	-.0105	.0006	.0014	.1868	.0002	-.0011

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	-.0006	-.0027	.0027	.0004	.0007	-.0001	.0006	-.0025
Stddev	.0010	.0012	.0006	.0002	.0000	.0003	.0002	.0002	.0001
%RSD	20.94	184.2	21.00	8.536	8.185	38.80	197.6	26.08	5.280
#1	.0059	-.0000	-.0023	.0027	.0003	.0009	.0001	.0005	-.0024
#2	.0052	.0001	-.0026	.0029	.0004	.0004	-.0002	.0008	-.0026
#3	.0038	-.0020	-.0034	.0024	.0004	.0008	-.0002	.0005	-.0027

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7706.2	40185.	15242.
Stddev	256.3	36.	231.
%RSD	3.3258	.08967	1.5181
#1	7560.9	40170.	14987.
#2	7555.7	40227.	15299.
#3	8002.1	40160.	15439.

Sample Name: Std 0 Acquired: 6/27/2019 15:03:49 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0004	-.0009	-.0003	.0012	.0019	.0004	.0009	.0008	.0002	.0001
Stddev	.0001	.0001	.0000	.0001	.0002	.0001	.0001	.0002	.0000	.0001
%RSD	18.57	12.67	9.088	6.902	12.14	26.30	11.20	28.29	15.91	244.5

#1	-.0003	-.0008	-.0003	.0013	.0017	.0004	.0010	.0009	.0003	.0002
#2	-.0004	-.0009	-.0004	.0012	.0019	.0002	.0008	.0006	.0002	.0000
#3	-.0004	-.0010	-.0004	.0011	.0021	.0004	.0010	.0011	.0002	-.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0054	.0004	.0306	.0015	-.0000	.0008	.0298	.0000	-.0006
Stddev	.0000	.0001	.0001	.0008	.0001	.0001	.0001	.0005	.0000	.0000
%RSD	7.054	1.530	36.89	2.674	4.127	327.2	16.33	1.703	1394.	5.591

#1	.0004	.0053	.0003	.0316	.0016	.0001	.0009	.0293	.0000	-.0006
#2	.0005	.0055	.0003	.0300	.0015	-.0001	.0007	.0297	-.0000	-.0006
#3	.0004	.0055	.0005	.0304	.0015	-.0001	.0006	.0303	.0000	-.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0003	.0030	.0008	-.0003	.0005	-.0001	.0005	.0005
Stddev	.0001	.0000	.0001	.0000	.0001	.0000	.0000	.0001	.0001
%RSD	229.2	6.399	2.889	4.168	40.71	7.651	29.73	11.01	13.62

#1	-.0000	.0003	.0031	.0008	-.0003	.0005	-.0002	.0005	.0006
#2	.0001	.0003	.0030	.0009	-.0002	.0004	-.0001	.0004	.0005
#3	.0000	.0003	.0029	.0008	-.0004	.0005	-.0001	.0005	.0004

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7640.6	40209.	15645.
Stddev	137.6	46.	56.
%RSD	1.8011	.11435	.35854

#1	7559.5	40252.	15673.
#2	7562.9	40161.	15681.
#3	7799.5	40215.	15580.

Sample Name: Std 1 ICAL Acquired: 6/27/2019 15:08:36 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.8416	.1156	.0690	.3488	4.046	5.942	.2505	.0601	3.143	1.154
Stddev	.0004	.0007	.0011	.0063	.002	.022	.0040	.0002	.042	.018
%RSD	.0437	.6288	1.540	1.813	.0574	.3699	1.605	.3799	1.344	1.537

#1	.8420	.1157	.0696	.3528	4.047	5.917	.2530	.0602	3.165	1.164
#2	.8417	.1162	.0696	.3521	4.047	5.960	.2527	.0603	3.170	1.164
#3	.8412	.1148	.0678	.3415	4.043	5.948	.2459	.0599	3.095	1.133

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4140	.9644	.1133	.1081	.6410	.6603	.6570	.1775	.1220	.0568
Stddev	.0005	.0019	.0006	.0006	.0021	.0097	.0104	.0026	.0016	.0010
%RSD	.1250	.1963	.4924	.5590	.3234	1.465	1.585	1.455	1.291	1.674

#1	.4137	.9655	.1127	.1074	.6392	.6658	.6636	.1789	.1226	.0572
#2	.4146	.9622	.1134	.1085	.6432	.6660	.6624	.1791	.1232	.0574
#3	.4137	.9655	.1137	.1084	.6405	.6491	.6450	.1745	.1202	.0557

Elem	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1759	5.346	.9849	.1152	.7051	.8239
Stddev	.0023	.003	.0003	.0017	.0008	.0101
%RSD	1.292	.0634	.0293	1.508	.1092	1.228

#1	.1769	5.343	.9852	.1163	.7054	.8284
#2	.1775	5.350	.9846	.1162	.7042	.8311
#3	.1733	5.345	.9848	.1132	.7057	.8124

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7522.3	39636.	15456.
Stddev	121.4	29.	81.
%RSD	1.6143	.07407	.52313

#1	7440.7	39613.	15539.
#2	7464.3	39669.	15452.
#3	7661.8	39625.	15377.

Sample Name: Std 3 25 Fe K Na Si Acquired: 6/27/2019 15:13:03 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.861	2.804	1.300	4.454	1.600
Stddev	.016	.013	.006	.020	.044
%RSD	.5446	.4544	.4592	.4417	2.739

#1	2.863	2.809	1.302	4.457	1.627
#2	2.875	2.813	1.305	4.472	1.623
#3	2.844	2.789	1.293	4.433	1.549

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	7480.4	15397.
Stddev	163.3	104.
%RSD	2.1830	.67374

#1	7375.0	15423.
#2	7397.7	15283.
#3	7668.5	15486.

Sample Name: Std 2 10 Ca Mg Si Acquired: 6/27/2019 15:17:50 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.5851	1.108	.7099
Stddev	.0008	.003	.0221
%RSD	.1443	.2225	3.111

#1	.5843	1.105	.7218
#2	.5859	1.110	.7235
#3	.5852	1.108	.6845

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	7558.9	15549.
Stddev	195.5	28.
%RSD	2.5866	.18034

#1	7461.6	15577.
#2	7431.2	15550.
#3	7784.0	15521.

Sample Name: ICV Acquired: 6/27/2019 15:22:37 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5007	.5258	W .5368	.5111	.5002	.5038	-.0018	.5039	.4963	.4913
Stddev	.0006	.0036	.0094	.0090	.0009	.0025	.0002	.0095	.0085	.0083
%RSD	.1154	.6759	1.746	1.766	.1867	.4911	11.76	1.881	1.711	1.683
#1	.5000	.5271	.5419	.5165	.5011	.5053	-.0018	.4989	.5013	.4966
#2	.5009	.5218	.5425	.5161	.5004	.5009	-.0016	.4979	.5011	.4955
#3	.5011	.5285	.5260	.5007	.4992	.5050	-.0020	.5148	.4865	.4817

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5274							
Low Limit			.4726							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009	.4936	.5075	4.787	.5054	.4914	.4911	9.762	.5104	.5202
Stddev	.0019	.0003	.0033	.010	.0028	.0022	.0076	.023	.0082	.0092
%RSD	.3791	.0612	.6549	.1998	.5552	.4495	1.549	.2376	1.608	1.770
#1	.4988	.4937	.5091	4.792	.5034	.4921	.4954	9.765	.5151	.5265
#2	.5013	.4933	.5037	4.776	.5042	.4889	.4955	9.738	.5153	.5245
#3	.5025	.4938	.5097	4.792	.5086	.4931	.4823	9.784	.5010	.5096

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5067	.5062	5.416	.4964	.4840	.4984	.5019	.5056	.5116
Stddev	.0061	.0089	.084	.0081	.0009	.0008	.0085	.0004	.0092
%RSD	1.204	1.754	1.548	1.641	.1931	.1603	1.697	.0786	1.799
#1	.5096	.5109	5.471	.5010	.4851	.4976	.5058	.5051	.5170
#2	.5108	.5117	5.458	.5012	.4832	.4992	.5078	.5059	.5168
#3	.4997	.4959	5.320	.4870	.4838	.4985	.4922	.5058	.5010

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7538.2	39644.	15703.
Stddev	103.3	62.	85.
%RSD	1.3697	.15712	.54439
#1	7471.6	39697.	15696.
#2	7485.9	39658.	15791.
#3	7657.1	39575.	15621.

Sample Name: ICB Acquired: 6/27/2019 15:27:08 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0024	.0003	.0005	.0002	.0002	.0000	.0034	.0002	.0002
Stddev	.0001	.0007	.0009	.0002	.0001	.0001	.0003	.0042	.0000	.0000
%RSD	22.14	31.25	300.9	36.83	33.99	45.25	679.3	123.2	19.84	21.91

#1	.0005	.0021	.0007	.0004	.0001	.0001	.0004	.0057	.0002	.0002
#2	.0004	.0019	-.0007	.0007	.0002	.0002	-.0002	-.0014	.0002	.0002
#3	.0003	.0032	.0009	.0004	.0003	.0003	-.0000	.0060	.0001	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0002	.0004	-.1663	-.0016	.0002	.0017	-.0262	.0001	-.0002
Stddev	.0001	.0001	.0002	.0095	.0019	.0004	.0003	.0052	.0001	.0005
%RSD	174.9	68.38	56.60	5.735	117.8	205.8	17.94	19.68	70.45	218.4

#1	.0001	.0003	.0007	-.1773	-.0017	-.0002	.0021	-.0312	.0000	-.0001
#2	-.0001	.0002	.0003	-.1620	.0003	.0003	.0016	-.0266	.0002	.0002
#3	.0001	.0000	.0003	-.1597	-.0034	.0005	.0015	-.0209	.0001	-.0008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053	.0009	.0027	-.0025	.0002	.0004	.0006	.0003	.0002
Stddev	.0016	.0012	.0008	.0004	.0001	.0000	.0004	.0001	.0000
%RSD	29.35	136.1	28.38	16.28	62.94	9.834	68.51	41.41	27.09

#1	.0065	.0005	.0035	-.0021	.0001	.0004	.0002	.0003	.0002
#2	.0058	.0022	.0025	-.0026	.0002	.0004	.0007	.0001	.0001
#3	.0036	-.0001	.0020	-.0028	.0003	.0003	.0010	.0003	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7689.6	40236.	15612.
Stddev	232.3	175.	76.
%RSD	3.0205	.43378	.48991

#1	7556.3	40313.	15665.
#2	7554.6	40359.	15524.
#3	7957.7	40036.	15647.

Sample Name: ICV Acquired: 6/27/2019 15:32:18 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997	.5150	W .5358	.5049	.5011	.5037	-.0020	.4985	.4963	.4926
Stddev	.0031	.0019	.0105	.0112	.0011	.0017	.0006	.0015	.0092	.0099
%RSD	.6203	.3729	1.959	2.228	.2100	.3317	30.75	.3048	1.855	2.006
#1	.4977	.5169	.5427	.5117	.5011	.5054	-.0019	.4998	.5016	.4989
#2	.4981	.5149	.5410	.5110	.5022	.5034	-.0015	.4989	.5016	.4976
#3	.5033	.5131	.5237	.4919	.5001	.5021	-.0027	.4968	.4856	.4812

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5274							
Low Limit			.4726							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5066	.4947	.5066	W 4.694	.4996	.4945	.4959	9.643	.5116	.5195
Stddev	.0017	.0052	.0016	.011	.0077	.0007	.0091	.035	.0100	.0105
%RSD	.3390	1.041	.3167	.2302	1.541	.1343	1.842	.3633	1.956	2.019
#1	.5051	.4914	.5084	4.691	.5085	.4952	.5010	9.670	.5184	.5258
#2	.5062	.4921	.5053	4.685	.4950	.4944	.5012	9.655	.5163	.5253
#3	.5084	.5006	.5061	4.706	.4953	.4938	.4853	9.603	.5001	.5074

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				5.274						
Low Limit				4.726						

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5090	.5052	5.400	.4955	.4895	.5028	.5007	.5099	.5111
Stddev	.0077	.0096	.109	.0098	.0009	.0036	.0086	.0028	.0090
%RSD	1.505	1.893	2.010	1.979	.1900	.7217	1.710	.5540	1.756
#1	.5117	.5113	5.466	.5004	.4894	.5002	.5042	.5080	.5163
#2	.5150	.5101	5.458	.5019	.4905	.5013	.5069	.5087	.5163
#3	.5004	.4942	5.275	.4842	.4886	.5069	.4909	.5132	.5008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7528.3	39584.	15730.
Stddev	126.7	253.	69.
%RSD	1.6833	.63910	.43810
#1	7451.2	39736.	15659.
#2	7459.2	39724.	15797.
#3	7674.6	39292.	15735.

Sample Name: ICB Acquired: 6/27/2019 15:36:51 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0031	.0013	.0005	.0003	.0003	.0000	.0051	.0002	.0002
Stddev	.0001	.0013	.0011	.0004	.0002	.0001	.0002	.0007	.0000	.0001
%RSD	19.29	42.25	81.90	70.83	59.71	29.74	441.3	12.95	18.88	54.09
#1	.0006	.0025	.0026	.0006	.0001	.0002	.0002	.0047	.0002	.0002
#2	.0006	.0046	.0010	.0009	.0004	.0003	.0000	.0047	.0002	.0002
#3	.0004	.0022	.0004	.0001	.0003	.0004	-.0001	.0058	.0002	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0004	-.0015	-.2270	.0006	.0002	.0016	-.0361	.0001	.0005
Stddev	.0000	.0000	.0006	.0120	.0018	.0002	.0003	.0070	.0002	.0003
%RSD	18.85	8.384	38.62	5.272	286.5	74.17	15.78	19.40	152.2	48.68
#1	.0002	.0003	-.0010	-.2404	-.0006	.0000	.0019	-.0439	.0001	.0005
#2	.0003	.0004	-.0014	-.2233	.0027	.0003	.0015	-.0305	-.0000	.0003
#3	.0002	.0004	-.0021	-.2173	-.0002	.0003	.0014	-.0338	.0003	.0008

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	.0003	.0021	-.0026	.0003	.0003	.0002	.0004	.0001
Stddev	.0011	.0008	.0008	.0002	.0001	.0001	.0002	.0001	.0001
%RSD	23.42	255.9	37.72	9.638	37.39	23.63	89.20	21.53	69.46
#1	.0061	.0011	.0030	-.0025	.0002	.0004	.0004	.0005	.0001
#2	.0045	.0002	.0019	-.0028	.0004	.0004	.0002	.0005	.0002
#3	.0039	-.0004	.0015	-.0024	.0004	.0003	.0000	.0003	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7709.7	40137.	15532.
Stddev	249.3	60.	62.
%RSD	3.2336	.15038	.39836
#1	7557.3	40129.	15500.
#2	7574.3	40081.	15603.
#3	7997.4	40201.	15492.

Sample Name: WG1253873-1,C Acquired: 6/27/2019 15:41:41 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: RECAL

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0087	.0014	.0010	.0001	.0000	-.0009	.0122	-.0000	.0000
Stddev	.0002	.0026	.0007	.0001	.0001	.0000	.0006	.0013	.0000	.0000
%RSD	145.8	29.55	45.90	13.86	76.35	14.86	70.46	10.49	601.6	100.6
#1	.0003	.0117	.0021	.0009	.0002	.0000	-.0003	.0136	.0000	.0001
#2	-.0000	.0073	.0014	.0012	.0001	.0000	-.0009	.0118	-.0000	.0000
#3	.0001	.0072	.0008	.0009	.0000	.0000	-.0015	.0111	-.0000	.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0000	.0185	1.821	.0005	.0014	.0007	.1645	.0014	-.0001
Stddev	.0001	.0001	.0005	.112	.0025	.0002	.0002	.0101	.0001	.0009
%RSD	2.866	665.8	2.604	6.156	503.8	14.50	27.20	6.117	5.632	1427.
#1	.0023	.0001	.0183	1.934	.0034	.0013	.0008	.1746	.0015	-.0003
#2	.0024	-.0001	.0182	1.819	-.0009	.0013	.0007	.1644	.0013	-.0008
#3	.0024	.0000	.0191	1.710	-.0010	.0016	.0005	.1545	.0013	.0009
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0026	.0001	.0097	.0052	.0001	.0003	-.0004	.0001	.0012	
Stddev	.0006	.0002	.0014	.0006	.0001	.0001	.0004	.0001	.0001	
%RSD	23.86	181.7	14.75	11.64	71.14	51.44	98.35	96.96	11.60	
#1	.0033	-.0001	.0103	.0056	.0002	.0004	-.0008	.0001	.0013	
#2	.0023	.0001	.0108	.0055	.0000	.0004	-.0003	.0001	.0011	
#3	.0021	.0004	.0081	.0045	.0002	.0001	-.0000	-.0000	.0011	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7594.3	39691.	15385.							
Stddev	224.8	61.	38.							
%RSD	2.9606	.15262	.24735							
#1	7476.0	39639.	15421.							
#2	7453.3	39677.	15388.							
#3	7853.6	39758.	15345.							

Sample Name: WG1253873-2,C Acquired: 6/27/2019 15:46:31 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496	2.049	.1320	1.056	1.986	.0514	-.0024	10.04	.0535	.4989
Stddev	.0003	.009	.0035	.025	.001	.0001	.0001	.01	.0011	.0111
%RSD	.5516	.4411	2.638	2.354	.0477	.2198	5.955	.1493	1.982	2.232
#1	.0495	2.060	.1330	1.070	1.985	.0515	-.0025	10.02	.0540	.5047
#2	.0499	2.047	.1348	1.070	1.986	.0515	-.0024	10.05	.0542	.5059
#3	.0494	2.042	.1281	1.027	1.986	.0513	-.0022	10.04	.0523	.4860
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029	.2441	1.072	10.83	10.06	.4945	.9813	10.04	.5030	.5411
Stddev	.0004	.0005	.004	.02	.04	.0004	.0211	.02	.0112	.0112
%RSD	.1991	.1866	.3383	.2292	.4283	.0783	2.151	.2001	2.226	2.073
#1	.2026	.2439	1.068	10.84	10.10	.4943	.9925	10.02	.5095	.5479
#2	.2034	.2446	1.075	10.85	10.05	.4949	.9945	10.06	.5095	.5472
#3	.2028	.2438	1.074	10.80	10.02	.4942	.9570	10.05	.4901	.5281
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.5139	.1263	.6798	.9860	.9839	.9982	.1206	.5117	.5281	
Stddev	.0128	.0021	.0169	.0216	.0014	.0020	.0025	.0013	.0106	
%RSD	2.499	1.690	2.483	2.195	.1466	.2049	2.083	.2599	2.014	
#1	.5214	.1272	.6896	.9985	.9823	.9987	.1216	.5114	.5326	
#2	.5212	.1280	.6895	.9984	.9852	1.0000	.1225	.5131	.5358	
#3	.4991	.1239	.6603	.9610	.9843	.9960	.1178	.5105	.5160	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7453.7	38840.	15333.							
Stddev	162.1	57.	31.							
%RSD	2.1754	.14691	.20022							
#1	7352.7	38868.	15307.							
#2	7367.6	38774.	15324.							
#3	7640.7	38877.	15367.							

Sample Name: WG1253819-1,C Acquired: 6/27/2019 15:51:03 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0050	.0021	.0015	.0007	-.0000	-.0006	.0095	-.0001	.0002
Stddev	.0000	.0005	.0006	.0004	.0002	.0000	.0003	.0020	.0000	.0000
%RSD	25.89	10.98	28.82	23.30	32.94	86.20	42.91	20.69	41.03	14.39

#1	.0001	.0049	.0023	.0018	.0005	-.0000	-.0006	.0073	-.0001	.0002
#2	.0001	.0045	.0015	.0017	.0005	-.0000	-.0004	.0102	-.0001	.0002
#3	.0001	.0056	.0027	.0011	.0009	-.0001	-.0009	.0111	-.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0000	.0065	.4635	.0048	.0004	.0019	.0173	.0008	.0005
Stddev	.0000	.0000	.0009	.0202	.0036	.0001	.0003	.0047	.0000	.0006
%RSD	1.800	114.4	14.42	4.363	75.65	30.55	14.99	27.27	5.101	130.8

#1	.0014	.0001	.0076	.4719	.0016	.0005	.0022	.0152	.0008	-.0002
#2	.0015	.0000	.0061	.4782	.0040	.0006	.0018	.0226	.0007	.0011
#3	.0014	.0000	.0059	.4405	.0087	.0003	.0017	.0139	.0008	.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0010	.0059	-.0032	.0003	.0008	-.0000	.0003	.0004
Stddev	.0001	.0011	.0007	.0004	.0002	.0002	.0006	.0001	.0002
%RSD	47.92	111.4	12.50	12.74	53.36	27.21	1317.	37.00	41.43

#1	.0004	.0001	.0067	-.0030	.0002	.0008	.0006	.0002	.0005
#2	.0002	-.0021	.0054	-.0037	.0002	.0005	-.0005	.0004	.0004
#3	.0002	-.0010	.0055	-.0031	.0005	.0010	-.0002	.0003	.0002

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7624.2	39849.	15393.
Stddev	154.7	10.	90.
%RSD	2.0285	.02514	.58151

#1	7537.3	39838.	15486.
#2	7532.7	39849.	15308.
#3	7802.8	39858.	15385.

Sample Name: WG1253819-2,C Acquired: 6/27/2019 15:55:51 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501	2.076	.1330	1.067	2.000	.0524	-.0025	10.21	.0539	.5022
Stddev	.0004	.004	.0030	.025	.002	.0002	.0005	.02	.0011	.0115
%RSD	.8238	.1847	2.225	2.317	.1199	.4436	20.72	.2338	2.109	2.286

#1	.0502	2.078	.1352	1.079	2.002	.0527	-.0022	10.22	.0547	.5084
#2	.0496	2.077	.1341	1.083	2.000	.0522	-.0031	10.23	.0544	.5092
#3	.0504	2.071	.1296	1.039	1.997	.0524	-.0022	10.19	.0526	.4889

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2040	.2466	1.084	10.59	10.24	.4987	.9902	10.20	.5055	.5450
Stddev	.0008	.0002	.001	.01	.05	.0008	.0215	.02	.0116	.0111
%RSD	.3750	.0986	.1278	.1146	.4953	.1687	2.168	.1917	2.292	2.043

#1	.2032	.2466	1.086	10.59	10.19	.4989	1.000	10.23	.5116	.5516
#2	.2042	.2468	1.084	10.60	10.23	.4995	1.005	10.19	.5127	.5513
#3	.2047	.2463	1.083	10.57	10.29	.4978	.9655	10.19	.4921	.5322

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5169	.1287	.6867	.9943	.9970	1.010	.1214	.5178	.5311
Stddev	.0109	.0025	.0167	.0228	.0018	.001	.0029	.0012	.0120
%RSD	2.113	1.948	2.435	2.291	.1757	.1135	2.429	.2291	2.251

#1	.5213	.1303	.6936	1.007	.9991	1.010	.1222	.5174	.5399
#2	.5249	.1299	.6988	1.008	.9958	1.008	.1239	.5169	.5360
#3	.5045	.1258	.6676	.9680	.9962	1.010	.1181	.5192	.5175

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7485.6	38886.	15228.
Stddev	144.7	37.	29.
%RSD	1.9328	.09586	.19104

#1	7428.2	38869.	15261.
#2	7378.4	38929.	15214.
#3	7650.2	38860.	15209.

Sample Name: L1926790-01,C Acquired: 6/27/2019 16:00:22 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.4329	.0099	46.84	.0226	-.0001	.0015	2.162	.0128	.0228
Stddev	.0001	.0024	.0001	1.27	.0002	.0000	.0006	.003	.0003	.0006
%RSD	56.70	.5435	1.021	2.708	1.053	38.31	42.48	.1220	2.711	2.465

#1	.0001	.4352	.0098	47.54	.0223	-.0001	.0008	2.161	.0130	.0232
#2	.0004	.4305	.0100	47.60	.0227	-.0001	.0016	2.165	.0130	.0230
#3	.0003	.4331	.0098	45.37	.0227	-.0000	.0021	2.160	.0124	.0221

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340	.1542	10.27	164.4	.4677	.5903	.3305	70.59	.0936	1.024
Stddev	.0003	.0004	.01	.1	.0025	.0008	.0090	.05	.0026	.026
%RSD	.8498	.2522	.0623	.0830	.5437	.1394	2.715	.0718	2.826	2.540

#1	.0337	.1543	10.27	164.3	.4706	.5900	.3359	70.65	.0950	1.038
#2	.0342	.1538	10.28	164.4	.4668	.5912	.3355	70.56	.0953	1.039
#3	.0340	.1545	10.27	164.6	.4657	.5896	.3201	70.56	.0906	.9937

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794	.0081	.3095	.0135	.0085	.0020	.0001	.0105	.8876
Stddev	.0026	.0001	.0081	.0006	.0001	.0002	.0011	.0001	.0232
%RSD	3.264	1.489	2.628	4.476	.7314	7.414	860.3	.8448	2.617

#1	.0815	.0082	.3140	.0142	.0086	.0020	.0009	.0106	.9016
#2	.0802	.0080	.3143	.0133	.0085	.0019	-.0011	.0105	.9005
#3	.0765	.0080	.3001	.0130	.0086	.0022	.0006	.0104	.8608

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7284.6	36284.	14113.
Stddev	166.6	40.	34.
%RSD	2.2869	.11069	.24015

#1	7191.8	36330.	14151.
#2	7185.1	36256.	14085.
#3	7477.0	36267.	14103.

Sample Name: WG1253819-3,C Acquired: 6/27/2019 16:05:00 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501	2.520	.1484	47.26	2.003	.0539	-.0005	12.69	.0679	.5196
Stddev	.0002	.006	.0038	1.50	.002	.0001	.0003	.02	.0022	.0163
%RSD	.3649	.2299	2.528	3.167	.0793	.0929	61.19	.1411	3.176	3.146

#1	.0501	2.527	.1505	48.15	2.005	.0539	-.0006	12.68	.0692	.5299
#2	.0503	2.516	.1506	48.09	2.002	.0539	-.0002	12.71	.0690	.5281
#3	.0500	2.518	.1441	45.53	2.003	.0540	-.0008	12.68	.0654	.5007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2465	.3920	11.28	174.1	10.45	1.095	1.289	79.33	.5876	1.522
Stddev	.0006	.0007	.01	.2	.02	.001	.039	.79	.0178	.046
%RSD	.2308	.1892	.0454	.1241	.1936	.0739	3.038	.9994	3.033	3.020

#1	.2459	.3919	11.28	174.3	10.45	1.096	1.310	80.19	.5987	1.549
#2	.2469	.3928	11.28	173.8	10.43	1.095	1.312	79.15	.5970	1.549
#3	.2468	.3913	11.29	174.1	10.47	1.094	1.243	78.63	.5670	1.469

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5780	.1537	.9583	.9792	.9875	1.028	.0926	.5452	1.433
Stddev	.0180	.0075	.0305	.0307	.0018	.000	.0037	.0004	.046
%RSD	3.116	4.878	3.186	3.134	.1806	.0257	4.015	.0703	3.192

#1	.5886	.1565	.9759	.9964	.9887	1.028	.0946	.5452	1.461
#2	.5883	.1593	.9760	.9974	.9854	1.029	.0949	.5449	1.458
#3	.5572	.1452	.9231	.9438	.9883	1.028	.0883	.5456	1.381

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7294.2	36241.	13867.
Stddev	191.0	6.	13.
%RSD	2.6191	.01599	.09095

#1	7182.4	36241.	13864.
#2	7185.4	36235.	13856.
#3	7514.8	36247.	13881.

Sample Name: WG1253819-4,C Acquired: 6/27/2019 16:09:36 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.4251	.0095	45.71	.0218	-.0000	.0014	2.113	.0124	.0221
Stddev	.0001	.0046	.0012	1.53	.0001	.0000	.0004	.010	.0005	.0009
%RSD	185.7	1.076	12.70	3.348	.4254	99.88	31.78	.4840	3.718	4.011
#1	-.0000	.4272	.0086	46.61	.0217	-.0000	.0009	2.108	.0126	.0225
#2	.0000	.4199	.0108	46.59	.0218	-.0000	.0018	2.106	.0126	.0227
#3	-.0001	.4283	.0090	43.95	.0219	-.0001	.0014	2.124	.0118	.0211
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333	.1504	9.993	159.8	.4595	.5764	.3224	68.44	.0911	.9962
Stddev	.0004	.0002	.019	.3	.0040	.0013	.0107	.23	.0032	.0343
%RSD	1.258	.1189	.1909	.1649	.8794	.2235	3.308	.3433	3.531	3.441
#1	.0336	.1504	9.973	159.6	.4582	.5754	.3284	68.35	.0928	1.015
#2	.0336	.1506	9.996	159.6	.4640	.5760	.3287	68.26	.0932	1.016
#3	.0329	.1503	10.01	160.1	.4562	.5778	.3101	68.71	.0874	.9566
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0770	.0080	.3014	.0138	.0082	.0018	-.0003	.0100	.8605	
Stddev	.0028	.0007	.0116	.0008	.0001	.0001	.0004	.0000	.0310	
%RSD	3.690	8.124	3.850	6.020	1.116	5.364	137.2	.1212	3.599	
#1	.0785	.0077	.3070	.0135	.0082	.0018	-.0006	.0100	.8765	
#2	.0787	.0076	.3092	.0147	.0081	.0019	.0002	.0100	.8803	
#3	.0737	.0088	.2881	.0131	.0083	.0017	-.0004	.0100	.8248	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7324.9	36576.	14193.							
Stddev	199.8	82.	29.							
%RSD	2.7281	.22542	.20487							
#1	7200.9	36656.	14226.							
#2	7218.5	36581.	14170.							
#3	7555.5	36491.	14184.							

Sample Name: L1926660-16,T Acquired: 6/27/2019 16:14:13 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	92.22	.0704	.0533	.5213	.0125	-.0035	21.39	.0154	.0569
Stddev	.0002	.12	.0017	.0039	.0013	.0001	.0009	.06	.0003	.0013
%RSD	9.317	.1247	2.372	7.322	.2480	.5452	24.87	.2585	2.090	2.357

#1	.0024	92.35	.0710	.0572	.5227	.0125	-.0027	21.32	.0155	.0575
#2	.0020	92.19	.0717	.0533	.5204	.0124	-.0044	21.43	.0155	.0579
#3	.0022	92.13	.0685	.0494	.5207	.0124	-.0035	21.41	.0150	.0554

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1281	.3613	272.2	10.06	26.95	7.587	.0349	2.062	.1211	.8889
Stddev	.0007	.0018	1.5	.04	.17	.011	.0010	.011	.0029	.0215
%RSD	.5228	.5112	.5484	.3488	.6125	.1508	2.868	.5185	2.391	2.417

#1	.1278	.3612	272.3	10.10	26.81	7.579	.0354	2.071	.1229	.9025
#2	.1288	.3594	273.6	10.05	27.13	7.600	.0355	2.065	.1226	.9000
#3	.1276	.3631	270.6	10.03	26.90	7.582	.0337	2.050	.1177	.8641

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286	.0013	3.416	.0969	.0809	3.117	-.0070	.2432	2.435
Stddev	.0003	.0028	.078	.0017	.0003	.002	.0009	.0001	.048
%RSD	1.124	218.8	2.290	1.709	.3988	.0652	12.78	.0501	1.958

#1	.0287	.0009	3.423	.0980	.0813	3.119	-.0080	.2433	2.471
#2	.0283	.0042	3.490	.0976	.0808	3.115	-.0066	.2431	2.452
#3	.0290	-.0013	3.334	.0950	.0807	3.117	-.0064	.2432	2.381

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	10126.	53073.	21215.
Stddev	196.	53.	70.
%RSD	1.9363	.09989	.32839

#1	10049.	53108.	21295.
#2	9981.2	53098.	21166.
#3	10350.	53012.	21185.

Sample Name: L1926660-17,T Acquired: 6/27/2019 16:18:55 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271	387.2	.2266	5.063	9.592	.0111	-.0498	101.8	.3226	.1757
Stddev	.0003	2.4	.0048	.148	.106	.0001	.0010	.4	.0070	.0041
%RSD	1.216	.6186	2.102	2.929	1.100	.6223	2.085	.3995	2.182	2.347

#1	.0272	389.9	.2286	5.152	9.599	.0111	-.0505	102.1	.3264	.1779
#2	.0274	385.7	.2301	5.146	9.483	.0112	-.0503	101.9	.3268	.1782
#3	.0268	385.9	.2212	4.892	9.694	.0110	-.0486	101.3	.3145	.1709

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.004	48.68	690.9	14.11	37.37	10.16	.0998	16.11	1.847	40.25
Stddev	.002	.15	4.4	.05	.14	.03	.0028	.03	.045	.95
%RSD	.1815	.3124	.6435	.3202	.3824	.3398	2.847	.1742	2.448	2.359

#1	1.005	48.83	694.0	14.16	37.45	10.20	.1016	16.14	1.872	40.77
#2	1.002	48.53	692.8	14.10	37.45	10.15	.1013	16.10	1.873	40.83
#3	1.004	48.69	685.8	14.07	37.20	10.13	.0966	16.08	1.795	39.15

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6120	.0286	14.88	3.446	.4085	4.059	-.0100	.5921	55.48
Stddev	.0189	.0019	.54	.079	.0010	.012	.0011	.0010	1.11
%RSD	3.095	6.700	3.627	2.301	.2331	.2956	10.88	.1711	2.005

#1	.6241	.0305	15.20	3.489	.4096	4.072	-.0088	.5931	55.86
#2	.6216	.0285	15.19	3.495	.4077	4.049	-.0110	.5919	56.36
#3	.5902	.0267	14.26	3.355	.4083	4.055	-.0102	.5911	54.23

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8715.6	47137.	19780.
Stddev	218.1	63.	71.
%RSD	2.5024	.13305	.35983

#1	8579.3	47070.	19745.
#2	8600.4	47195.	19734.
#3	8967.2	47145.	19862.

Sample Name: L1926790-02,C Acquired: 6/27/2019 16:24:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.4960	.0082	37.25	.0222	-.0001	.0016	2.249	.0128	.0225
Stddev	.0002	.0068	.0003	1.29	.0002	.0000	.0003	.015	.0004	.0008
%RSD	221.3	1.362	3.070	3.452	.6880	16.03	17.86	.6516	2.991	3.337
#1	-.0001	.5037	.0082	38.01	.0221	-.0001	.0013	2.242	.0130	.0231
#2	.0001	.4930	.0084	37.97	.0223	-.0001	.0018	2.266	.0130	.0227
#3	-.0002	.4912	.0079	35.77	.0220	-.0001	.0018	2.240	.0124	.0217
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321	.1406	10.09	3.200	.5190	.5816	.3177	47.88	.0927	.9976
Stddev	.0003	.0001	.05	.010	.0062	.0028	.0098	.12	.0032	.0343
%RSD	.8743	.0522	.4563	.3089	1.186	.4749	3.098	.2403	3.422	3.435
#1	.0322	.1407	10.09	3.201	.5219	.5807	.3237	47.97	.0945	1.019
#2	.0324	.1405	10.13	3.210	.5231	.5847	.3229	47.93	.0945	1.016
#3	.0318	.1406	10.04	3.190	.5119	.5794	.3063	47.75	.0890	.9580
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0765	.0080	.3388	.0150	.0086	.0032	-.0012	.0099	.8704	
Stddev	.0033	.0019	.0110	.0018	.0001	.0002	.0006	.0001	.0293	
%RSD	4.369	23.27	3.249	11.73	.8392	5.228	46.56	1.134	3.362	
#1	.0783	.0100	.3455	.0162	.0087	.0034	-.0006	.0100	.8883	
#2	.0786	.0075	.3447	.0159	.0085	.0031	-.0014	.0098	.8863	
#3	.0727	.0064	.3261	.0130	.0085	.0030	-.0017	.0100	.8366	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7457.2	37626.	14351.							
Stddev	222.7	58.	81.							
%RSD	2.9862	.15496	.56304							
#1	7320.4	37571.	14358.							
#2	7337.0	37687.	14266.							
#3	7714.1	37622.	14427.							

Sample Name: CCV Acquired: 6/27/2019 16:28:44 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4998	.5460	.5357	.5452	.4994	.5132	-.0017	.5140	.4932	.4939
Stddev	.0003	.0013	.0110	.0161	.0011	.0009	.0002	.0018	.0123	.0121
%RSD	.0556	.2368	2.050	2.952	.2244	.1698	11.55	.3469	2.497	2.457
#1	.4996	.5465	.5417	.5549	.5007	.5131	-.0015	.5132	.5011	.5005
#2	.5001	.5446	.5423	.5541	.4988	.5141	-.0017	.5128	.4996	.5013
#3	.4997	.5471	.5230	.5266	.4987	.5123	-.0019	.5160	.4790	.4799

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5054	.4995	F .5678	4.585	.5146	.4918	.4920	9.735	.5056	.5198
Stddev	.0012	.0008	.0050	.011	.0047	.0005	.0120	.020	.0129	.0132
%RSD	.2383	.1611	.8755	.2321	.9214	.0978	2.446	.2076	2.553	2.546
#1	.5066	.4995	.5725	4.596	.5148	.4921	.4985	9.729	.5136	.5276
#2	.5054	.4986	.5684	4.584	.5192	.4920	.4995	9.758	.5125	.5273
#3	.5041	.5003	.5626	4.575	.5097	.4913	.4781	9.719	.4907	.5045

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524							
Low Limit			.4476							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5091	.5049	5.365	.4933	.4910	.5026	.5047	.5127	.5128
Stddev	.0109	.0121	.135	.0122	.0000	.0003	.0110	.0008	.0128
%RSD	2.139	2.393	2.509	2.471	.0081	.0602	2.178	.1587	2.492
#1	.5133	.5112	5.437	.4996	.4910	.5030	.5100	.5134	.5216
#2	.5171	.5125	5.448	.5010	.4911	.5026	.5120	.5118	.5186
#3	.4967	.4910	5.210	.4792	.4910	.5023	.4920	.5129	.4981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7550.5	39617.	15429.
Stddev	146.3	62.	47.
%RSD	1.9370	.15709	.30277
#1	7489.2	39550.	15429.
#2	7444.8	39627.	15382.
#3	7717.4	39674.	15476.

Sample Name: CCB Acquired: 6/27/2019 16:33:15 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0044	.0002	.0245	.0005	.0003	.0000	.0055	.0002	.0001
Stddev	.0002	.0041	.0005	.0016	.0000	.0001	.0003	.0010	.0000	.0001
%RSD	137.4	93.24	204.6	6.411	7.004	30.19	3263.	17.80	25.45	45.78

#1	.0002	.0084	.0004	.0258	.0005	.0002	-.0003	.0044	.0001	.0001
#2	.0002	.0047	.0006	.0249	.0006	.0003	.0003	.0057	.0002	.0002
#3	-.0001	.0001	-.0003	.0228	.0005	.0003	.0001	.0063	.0001	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0004	.0095	-.4045	-.0008	.0003	.0016	-.0797	.0001	.0011
Stddev	.0002	.0002	.0005	.0149	.0013	.0001	.0003	.0042	.0001	.0002
%RSD	94.20	46.08	4.936	3.680	163.1	33.89	19.56	5.304	56.02	21.46

#1	-.0002	.0004	.0090	-.3971	-.0004	.0002	.0018	-.0835	.0001	.0013
#2	-.0004	.0005	.0095	-.4216	-.0022	.0005	.0016	-.0752	.0001	.0009
#3	-.0000	.0002	.0099	-.3947	.0002	.0003	.0012	-.0805	.0002	.0010

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	.0003	.0036	-.0032	.0003	.0003	.0005	.0003	.0007
Stddev	.0013	.0003	.0003	.0003	.0001	.0002	.0007	.0001	.0003
%RSD	25.86	87.78	9.119	9.370	23.40	52.66	129.6	40.08	39.92

#1	.0058	.0001	.0038	-.0032	.0002	.0004	-.0002	.0003	.0007
#2	.0055	.0007	.0032	-.0029	.0004	.0004	.0007	.0002	.0005
#3	.0035	.0002	.0038	-.0034	.0003	.0001	.0011	.0004	.0011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7724.1	40252.	15426.
Stddev	294.1	31.	56.
%RSD	3.8078	.07655	.36497

#1	7545.5	40286.	15363.
#2	7563.3	40241.	15472.
#3	8063.6	40227.	15443.

Sample Name: L1926660-18,T Acquired: 6/27/2019 16:38:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376	167.1	.2766	18.10	26.36	.0161	.2691	131.5	.5712	.1997
Stddev	.0002	.3	.0082	.50	.16	.0000	.0077	.3	.0143	.0055
%RSD	.6121	.1862	2.954	2.774	.6069	.1852	2.850	.2445	2.505	2.774

#1	.0376	166.7	.2807	18.35	26.41	.0161	.2720	131.7	.5783	.2027
#2	.0377	167.2	.2818	18.44	26.18	.0161	.2748	131.7	.5804	.2031
#3	.0373	167.3	.2672	17.53	26.49	.0160	.2604	131.1	.5547	.1933

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.829	18.09	756.6	31.33	61.46	11.80	.1179	47.78	1.584	65.88
Stddev	.005	.07	2.7	.03	.27	.00	.0031	.10	.041	1.69
%RSD	.2941	.4110	.3587	.1113	.4315	.0386	2.616	.2074	2.574	2.572

#1	1.829	18.06	757.4	31.33	61.30	11.80	.1190	47.67	1.603	66.72
#2	1.834	18.18	758.8	31.30	61.77	11.81	.1203	47.83	1.611	66.99
#3	1.823	18.04	753.6	31.37	61.31	11.80	.1144	47.85	1.537	63.93

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.707	.0254	12.49	5.358	.7573	4.331	-.0089	.7821	63.51
Stddev	.048	.0008	.48	.130	.0012	.009	.0012	.0024	2.43
%RSD	2.825	2.972	3.860	2.420	.1583	.2112	13.94	.3050	3.822

#1	1.729	.0263	12.89	5.419	.7561	4.334	-.0088	.7825	65.00
#2	1.741	.0252	12.62	5.446	.7573	4.338	-.0102	.7842	64.83
#3	1.652	.0248	11.95	5.209	.7585	4.320	-.0078	.7795	60.71

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8831.1	48522.	20006.
Stddev	189.2	86.	36.
%RSD	2.1423	.17755	.18079

#1	8748.5	48498.	20011.
#2	8697.3	48450.	19968.
#3	9047.5	48617.	20039.

Sample Name: L1926660-19,T Acquired: 6/27/2019 16:43:16 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	89.51	.0745	.0316	.4636	.0142	-.0061	13.80	.0179	.0567
Stddev	.0000	.27	.0015	.0023	.0003	.0000	.0002	.09	.0004	.0010
%RSD	1.878	.2979	1.969	7.206	.0720	.2318	3.535	.6412	2.017	1.847

#1	.0021	89.35	.0755	.0339	.4632	.0142	-.0064	13.82	.0181	.0573
#2	.0021	89.81	.0753	.0315	.4637	.0141	-.0061	13.87	.0181	.0573
#3	.0022	89.36	.0728	.0294	.4638	.0142	-.0060	13.70	.0175	.0555

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480	.4587	292.8	7.629	30.24	8.050	.0295	4.942	.1354	1.147
Stddev	.0002	.0010	2.0	.017	.10	.031	.0005	.012	.0025	.021
%RSD	.1515	.2130	.6783	.2192	.3339	.3863	1.841	.2440	1.832	1.856

#1	.1483	.4588	292.1	7.614	30.29	8.047	.0298	4.941	.1368	1.161
#2	.1479	.4597	295.0	7.647	30.31	8.082	.0299	4.955	.1368	1.156
#3	.1479	.4578	291.2	7.625	30.13	8.020	.0289	4.931	.1325	1.122

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324	-.0009	3.123	.1081	.0581	3.152	-.0081	.2502	2.011
Stddev	.0005	.0008	.073	.0028	.0002	.008	.0006	.0007	.032
%RSD	1.677	90.55	2.343	2.559	.3688	.2548	7.066	.2883	1.584

#1	.0327	-.0005	3.163	.1105	.0581	3.154	-.0085	.2509	2.034
#2	.0318	-.0004	3.168	.1088	.0579	3.143	-.0084	.2495	2.025
#3	.0327	-.0018	3.038	.1051	.0583	3.158	-.0074	.2503	1.975

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	10667.	56557.	22775.
Stddev	157.	28.	116.
%RSD	1.4753	.05014	.50867

#1	10593.	56524.	22786.
#2	10560.	56573.	22654.
#3	10848.	56574.	22885.

Sample Name: L1926660-20,T Acquired: 6/27/2019 16:47:56 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318	233.3	.3045	9.144	13.69	.0149	.0042	77.09	.3198	.1542
Stddev	.0002	2.2	.0039	.167	.05	.0001	.0011	.24	.0052	.0026
%RSD	.4742	.9531	1.293	1.828	.3570	.3868	25.86	.3177	1.621	1.718

#1	.0317	234.2	.3058	9.234	13.67	.0149	.0055	76.88	.3234	.1556
#2	.0319	234.9	.3076	9.246	13.75	.0150	.0033	77.36	.3221	.1558
#3	.0320	230.7	.3001	8.951	13.66	.0149	.0039	77.03	.3138	.1511

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.291	30.25	746.6	20.87	41.10	11.26	.0982	38.29	1.525	45.97
Stddev	.001	.14	3.8	.02	.27	.03	.0018	.07	.026	.73
%RSD	.0619	.4783	.5121	.0897	.6581	.2263	1.809	.1705	1.741	1.592

#1	1.290	30.32	743.6	20.88	40.79	11.23	.0985	38.34	1.540	46.43
#2	1.291	30.35	750.9	20.88	41.28	11.28	.0998	38.31	1.540	46.34
#3	1.291	30.08	745.3	20.85	41.24	11.25	.0963	38.21	1.494	45.12

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.353	.0234	10.68	3.858	.5287	4.119	-.0095	.5537	59.50
Stddev	.024	.0016	.32	.062	.0011	.002	.0014	.0003	1.48
%RSD	1.792	6.899	3.033	1.606	.2112	.0429	15.15	.0587	2.493

#1	1.362	.0237	10.84	3.896	.5300	4.117	-.0080	.5536	61.00
#2	1.371	.0249	10.89	3.891	.5278	4.120	-.0098	.5541	59.48
#3	1.325	.0217	10.31	3.787	.5284	4.119	-.0108	.5534	58.03

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8597.1	47282.	19518.
Stddev	131.3	31.	78.
%RSD	1.5268	.06478	.39814

#1	8544.7	47274.	19600.
#2	8500.1	47256.	19446.
#3	8746.5	47316.	19508.

Sample Name: L1926660-21,T Acquired: 6/27/2019 16:53:03 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201	220.3	.1795	2.134	6.285	.0062	-.0475	41.47	.1059	.1127
Stddev	.0001	.9	.0037	.038	.046	.0000	.0012	.13	.0016	.0020
%RSD	.4677	.3894	2.059	1.762	.7255	.2926	2.544	.3207	1.536	1.732

#1	.0200	219.4	.1811	2.155	6.319	.0062	-.0484	41.56	.1068	.1140
#2	.0201	220.2	.1821	2.156	6.303	.0062	-.0480	41.53	.1069	.1136
#3	.0202	221.1	.1753	2.091	6.233	.0062	-.0461	41.32	.1040	.1104

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5616	7.026	508.6	40.17	39.10	4.873	.0892	11.85	.8646	13.84
Stddev	.0031	.034	1.7	.02	.06	.005	.0016	.02	.0143	.22
%RSD	.5473	.4795	.3402	.0551	.1639	.1122	1.783	.1393	1.654	1.594

#1	.5615	6.988	508.7	40.19	39.18	4.879	.0902	11.84	.8737	13.97
#2	.5587	7.035	510.3	40.15	39.06	4.872	.0900	11.84	.8721	13.97
#3	.5648	7.054	506.8	40.16	39.08	4.868	.0874	11.87	.8482	13.59

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3912	.0048	10.95	.9902	.2427	8.289	-.0053	.4471	17.21
Stddev	.0063	.0010	.25	.0160	.0006	.020	.0007	.0023	.26
%RSD	1.602	21.28	2.321	1.613	.2484	.2366	13.83	.5064	1.536

#1	.3958	.0041	11.15	1.002	.2427	8.305	-.0055	.4486	17.37
#2	.3937	.0060	11.03	.9965	.2421	8.294	-.0045	.4445	17.35
#3	.3840	.0044	10.66	.9720	.2433	8.267	-.0060	.4481	16.90

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	9092.9	48918.	19920.
Stddev	116.9	146.	40.
%RSD	1.2857	.29916	.20318

#1	9023.1	48844.	19911.
#2	9027.8	49087.	19884.
#3	9227.9	48824.	19964.

Sample Name: L1926660-22,T Acquired: 6/27/2019 16:58:15 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	178.4	.1095	.0352	.8183	.0108	-.0001	17.27	.0262	.0733
Stddev	.0001	1.6	.0014	.0010	.0046	.0001	.0006	.12	.0005	.0014
%RSD	3.465	.8770	1.315	2.855	.5668	.6013	463.0	.7019	1.770	1.875

#1	.0023	180.2	.1098	.0361	.8147	.0108	-.0001	17.30	.0264	.0740
#2	.0023	177.5	.1107	.0353	.8168	.0109	-.0008	17.37	.0266	.0742
#3	.0022	177.4	.1079	.0341	.8235	.0108	.0005	17.14	.0257	.0717

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2243	.6944	277.2	7.450	26.41	4.534	.0185	3.902	.2306	3.407
Stddev	.0010	.0014	.7	.019	.27	.013	.0007	.011	.0044	.068
%RSD	.4300	.2001	.2514	.2590	1.026	.2909	3.625	.2727	1.905	2.006

#1	.2253	.6960	277.8	7.429	26.63	4.538	.0188	3.892	.2333	3.445
#2	.2234	.6937	277.3	7.465	26.49	4.545	.0189	3.901	.2329	3.448
#3	.2243	.6934	276.4	7.457	26.11	4.520	.0177	3.913	.2255	3.328

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320	.0033	3.997	.0914	.0990	4.504	-.0050	.3337	2.961
Stddev	.0015	.0018	.067	.0014	.0007	.011	.0004	.0013	.057
%RSD	4.574	54.72	1.669	1.556	.6724	.2374	8.289	.3949	1.916

#1	.0322	.0017	4.032	.0926	.0983	4.514	-.0054	.3347	2.991
#2	.0334	.0053	4.039	.0917	.0990	4.504	-.0049	.3341	2.996
#3	.0305	.0030	3.920	.0898	.0997	4.493	-.0046	.3322	2.896

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8911.4	46721.	18921.
Stddev	130.8	44.	123.
%RSD	1.4684	.09319	.65087

#1	8835.8	46688.	18846.
#2	8835.8	46705.	18854.
#3	9062.5	46770.	19063.

Sample Name: L1926660-23,T Acquired: 6/27/2019 17:03:03 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	95.51	.7103	.1302	.7171	.0104	-.0395	22.35	.0339	.0456
Stddev	.0001	.45	.0106	.0024	.0008	.0001	.0010	.11	.0005	.0006
%RSD	1.179	.4693	1.496	1.813	.1163	.7055	2.541	.4890	1.350	1.276

#1	.0044	95.89	.7150	.1323	.7172	.0105	-.0397	22.43	.0341	.0460
#2	.0043	95.64	.7177	.1307	.7162	.0105	-.0404	22.39	.0343	.0460
#3	.0043	95.02	.6981	.1276	.7178	.0103	-.0384	22.22	.0334	.0450

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1245	2.803	205.1	16.77	18.34	4.078	.0268	2.375	.1567	4.046
Stddev	.0009	.007	.9	.03	.18	.012	.0003	.005	.0018	.053
%RSD	.7049	.2460	.4212	.1759	.9687	.3051	1.160	.2268	1.171	1.307

#1	.1236	2.808	205.8	16.80	18.26	4.089	.0269	2.369	.1576	4.072
#2	.1254	2.795	205.3	16.76	18.55	4.080	.0271	2.380	.1579	4.081
#3	.1244	2.805	204.1	16.74	18.23	4.064	.0265	2.376	.1546	3.985

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408	-.0047	4.732	.3198	.0933	4.777	-.0032	.1767	5.421
Stddev	.0014	.0004	.126	.0039	.0003	.031	.0006	.0008	.064
%RSD	3.377	8.607	2.665	1.215	.2928	.6572	19.88	.4536	1.171

#1	.0414	-.0048	4.862	.3220	.0930	4.742	-.0038	.1759	5.446
#2	.0417	-.0043	4.726	.3220	.0934	4.803	-.0025	.1775	5.469
#3	.0392	-.0051	4.610	.3153	.0935	4.786	-.0035	.1766	5.349

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	11870.	62759.	25251.
Stddev	115.	14.	90.
%RSD	.96513	.02282	.35592

#1	11790.	62750.	25207.
#2	11819.	62775.	25192.
#3	12001.	62751.	25354.

Sample Name: L1926660-24,T Acquired: 6/27/2019 17:07:52 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104	95.75	.1413	.5849	2.706	.0080	-.0300	31.64	.1490	.0694
Stddev	.0001	1.04	.0026	.0109	.010	.0000	.0005	.12	.0026	.0015
%RSD	.5807	1.084	1.868	1.870	.3608	.5615	1.685	.3659	1.773	2.175

#1	.0103	94.56	.1426	.5911	2.711	.0079	-.0305	31.59	.1507	.0703
#2	.0103	96.44	.1431	.5914	2.712	.0080	-.0296	31.77	.1504	.0702
#3	.0104	96.25	.1383	.5723	2.694	.0080	-.0297	31.56	.1460	.0677

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4867	10.20	357.7	7.034	13.74	4.316	.0657	3.348	2.498	12.63
Stddev	.0002	.05	.7	.019	.05	.011	.0012	.015	.045	.23
%RSD	.0493	.4984	.1900	.2699	.3857	.2588	1.861	.4415	1.788	1.837

#1	.4865	10.15	357.3	7.043	13.72	4.305	.0663	3.336	2.523	12.76
#2	.4870	10.24	358.5	7.046	13.80	4.327	.0665	3.343	2.524	12.75
#3	.4866	10.22	357.4	7.012	13.71	4.315	.0643	3.364	2.446	12.36

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953	.0022	7.938	.6913	.1531	2.490	-.0042	.2067	79.13
Stddev	.0045	.0011	.229	.0128	.0002	.004	.0008	.0007	2.57
%RSD	2.288	49.70	2.883	1.858	.1402	.1587	18.64	.3237	3.252

#1	.1974	.0034	8.069	.6977	.1532	2.486	-.0051	.2061	81.27
#2	.1984	.0019	8.071	.6996	.1529	2.491	-.0040	.2067	79.84
#3	.1902	.0013	7.674	.6765	.1533	2.493	-.0035	.2074	76.28

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	11829.	63485.	25790.
Stddev	139.	119.	109.
%RSD	1.1720	.18728	.42205

#1	11750.	63622.	25865.
#2	11748.	63426.	25665.
#3	11989.	63408.	25839.

Sample Name: L1926660-25,T Acquired: 6/27/2019 17:13:02 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	154.4	.0832	.0559	.4435	.0069	-.0023	28.92	.0149	.0734
Stddev	.0001	1.1	.0027	.0010	.0013	.0000	.0001	.07	.0003	.0016
%RSD	5.985	.7172	3.248	1.836	.2877	.3694	2.610	.2272	2.100	2.195
#1	.0015	153.4	.0839	.0562	.4448	.0069	-.0023	28.85	.0151	.0743
#2	.0016	155.6	.0856	.0567	.4422	.0069	-.0023	28.98	.0151	.0745
#3	.0015	154.2	.0803	.0548	.4433	.0069	-.0024	28.93	.0145	.0716
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1705	.2434	222.6	13.41	29.02	3.772	.0082	5.396	.1618	.3963
Stddev	.0005	.0002	.9	.01	.16	.002	.0003	.023	.0035	.0101
%RSD	.2774	.0905	.4012	.0929	.5672	.0613	3.285	.4222	2.174	2.547
#1	.1710	.2434	221.5	13.42	28.92	3.770	.0083	5.419	.1638	.4031
#2	.1703	.2437	223.2	13.40	29.21	3.772	.0084	5.396	.1638	.4011
#3	.1702	.2433	222.9	13.40	28.93	3.775	.0079	5.373	.1577	.3847
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0128	.0089	3.400	.0324	.1482	4.972	-.0038	.3015	1.360	
Stddev	.0006	.0007	.081	.0010	.0006	.003	.0007	.0003	.027	
%RSD	4.537	7.538	2.393	3.068	.3840	.0635	18.79	.1061	2.012	
#1	.0129	.0083	3.447	.0331	.1489	4.975	-.0033	.3015	1.378	
#2	.0122	.0087	3.447	.0328	.1478	4.973	-.0046	.3018	1.374	
#3	.0134	.0096	3.306	.0312	.1480	4.968	-.0034	.3012	1.329	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	8237.1	43155.	17425.							
Stddev	146.6	9.	95.							
%RSD	1.7794	.02046	.54353							
#1	8164.1	43159.	17532.							
#2	8141.3	43162.	17351.							
#3	8405.8	43145.	17392.							

Sample Name: WG1253819-5,C Acquired: 6/27/2019 17:17:56 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426	2.491	.1506	45.83	2.040	.0536	-.0007	12.40	.0675	.5191
Stddev	.0004	.014	.0053	1.34	.002	.0003	.0003	.07	.0016	.0131
%RSD	.9257	.5464	3.543	2.929	.0809	.5833	45.98	.5704	2.428	2.522

#1	.0426	2.506	.1520	46.62	2.041	.0540	-.0004	12.47	.0684	.5258
#2	.0422	2.481	.1550	46.60	2.041	.0534	-.0010	12.33	.0685	.5274
#3	.0430	2.484	.1447	44.28	2.038	.0535	-.0007	12.39	.0656	.5040

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2421	.3946	10.76	167.1	10.17	1.054	1.292	77.83	.5853	1.482
Stddev	.0008	.0008	.04	.3	.11	.005	.035	.45	.0159	.040
%RSD	.3195	.2100	.4102	.1503	1.091	.4540	2.679	.5783	2.716	2.701

#1	.2417	.3940	10.81	167.3	10.22	1.060	1.311	78.34	.5951	1.503
#2	.2415	.3956	10.72	167.0	10.04	1.051	1.313	77.51	.5939	1.507
#3	.2430	.3943	10.75	166.8	10.25	1.052	1.252	77.63	.5670	1.436

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5704	.1554	.4565	.9923	1.018	1.045	.1106	.5442	1.376
Stddev	.0150	.0061	.0136	.0267	.003	.002	.0025	.0016	.032
%RSD	2.638	3.914	2.971	2.692	.2585	.1861	2.284	.2853	2.323

#1	.5796	.1600	.4650	1.007	1.020	1.045	.1116	.5443	1.393
#2	.5787	.1576	.4637	1.009	1.019	1.043	.1125	.5426	1.396
#3	.5531	.1485	.4409	.9615	1.015	1.047	.1077	.5457	1.339

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7173.5	36009.	14001.
Stddev	183.0	19.	65.
%RSD	2.5511	.05281	.46595

#1	7064.3	36009.	13936.
#2	7071.5	35990.	14066.
#3	7384.8	36028.	14002.

Sample Name: WG1253819-6,C,5 Acquired: 6/27/2019 17:22:31 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.1006	.0032	9.064	.0048	-.0001	.0004	.4225	.0024	.0044
Stddev	.0001	.0030	.0011	.349	.0001	.0000	.0004	.0047	.0001	.0002
%RSD	187.5	2.969	34.17	3.854	1.959	18.94	96.89	1.119	3.812	4.106

#1	-.0002	.1035	.0041	9.260	.0048	-.0001	.0008	.4193	.0024	.0045
#2	-.0000	.1008	.0036	9.272	.0048	-.0001	.0004	.4279	.0024	.0044
#3	.0000	.0976	.0020	8.661	.0047	-.0001	.0000	.4203	.0023	.0042

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064	.0313	2.020	31.65	.0991	.1141	.0658	13.80	.0183	.2061
Stddev	.0001	.0001	.004	.10	.0014	.0004	.0026	.06	.0008	.0072
%RSD	1.801	.3433	.1818	.3225	1.384	.3202	3.925	.4389	4.472	3.472

#1	.0062	.0312	2.021	31.77	.0977	.1143	.0673	13.87	.0188	.2094
#2	.0064	.0314	2.024	31.61	.0992	.1143	.0672	13.77	.0187	.2110
#3	.0064	.0313	2.017	31.57	.1004	.1137	.0628	13.76	.0173	.1979

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197	.0011	.0704	-.0008	.0017	.0015	.0004	.0020	.1678
Stddev	.0010	.0012	.0040	.0003	.0001	.0002	.0008	.0000	.0059
%RSD	5.197	110.8	5.629	32.19	8.372	13.34	210.6	.9196	3.500

#1	.0198	.0021	.0736	-.0011	.0016	.0015	.0010	.0020	.1712
#2	.0207	.0014	.0717	-.0007	.0017	.0016	-.0005	.0020	.1712
#3	.0187	-.0002	.0659	-.0007	.0018	.0013	.0007	.0020	.1610

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7522.0	38412.	14746.
Stddev	232.7	55.	11.
%RSD	3.0935	.14309	.07373

#1	7396.4	38476.	14750.
#2	7379.1	38384.	14755.
#3	7790.5	38377.	14734.

Sample Name: CCV Acquired: 6/27/2019 17:27:14 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5023	.5295	.5351	.5282	.5043	.5114	-.0023	.5091	.4933	.4906
Stddev	.0014	.0049	.0135	.0140	.0002	.0027	.0003	.0043	.0126	.0129
%RSD	.2712	.9277	2.516	2.642	.0388	.5263	11.29	.8500	2.548	2.626
#1	.5010	.5350	.5415	.5374	.5044	.5141	-.0026	.5139	.5013	.4981
#2	.5021	.5280	.5441	.5350	.5045	.5115	-.0021	.5055	.4998	.4980
#3	.5037	.5256	.5196	.5121	.5041	.5087	-.0022	.5080	.4788	.4757

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5030	.5055	.5327	4.515	.5103	.4907	.4917	9.879	.5069	.5181
Stddev	.0022	.0009	.0022	.022	.0019	.0013	.0127	.048	.0132	.0137
%RSD	.4386	.1825	.4193	.4905	.3669	.2564	2.581	.4879	2.613	2.639
#1	.5008	.5063	.5349	4.522	.5095	.4911	.4984	9.911	.5148	.5268
#2	.5030	.5057	.5329	4.533	.5090	.4916	.4996	9.901	.5143	.5251
#3	.5052	.5045	.5304	4.490	.5124	.4892	.4770	9.823	.4916	.5023

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5068	.5016	5.391	.4937	.4970	.5060	.4992	.5139	.5118
Stddev	.0116	.0135	.142	.0133	.0006	.0012	.0121	.0015	.0136
%RSD	2.287	2.690	2.633	2.686	.1247	.2361	2.415	.2907	2.665
#1	.5112	.5083	5.472	.5026	.4969	.5055	.5052	.5125	.5208
#2	.5156	.5103	5.475	.5000	.4977	.5052	.5070	.5136	.5185
#3	.4937	.4860	5.227	.4785	.4964	.5074	.4853	.5155	.4961

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7569.1	39202.	15243.
Stddev	172.7	97.	98.
%RSD	2.2815	.24641	.64258
#1	7471.4	39294.	15144.
#2	7467.5	39211.	15245.
#3	7768.5	39101.	15340.

Sample Name: CCB Acquired: 6/27/2019 17:31:46 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0069	.0017	.0154	.0005	.0003	-.0006	.0084	.0001	.0002
Stddev	.0000	.0034	.0010	.0011	.0000	.0000	.0005	.0015	.0000	.0001
%RSD	41.81	49.70	58.44	7.355	6.692	13.44	87.11	17.92	54.05	61.59

#1	.0001	.0102	.0027	.0165	.0004	.0003	-.0011	.0085	.0001	.0003
#2	.0001	.0073	.0007	.0154	.0005	.0003	-.0004	.0098	.0001	.0001
#3	.0002	.0033	.0017	.0142	.0005	.0003	-.0002	.0068	.0001	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0003	.0131	-.4903	.0010	.0003	.0015	-.1055	-.0000	.0008
Stddev	.0001	.0000	.0008	.0157	.0021	.0003	.0004	.0033	.0001	.0003
%RSD	46.67	4.862	6.334	3.207	210.4	86.80	24.89	3.122	2730.	34.35

#1	-.0005	.0004	.0122	-.4857	-.0014	.0006	.0019	-.1076	.0001	.0010
#2	-.0003	.0003	.0133	-.4774	.0024	.0002	.0014	-.1017	-.0001	.0009
#3	-.0002	.0003	.0138	-.5078	.0021	.0001	.0012	-.1070	-.0000	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	-.0007	.0112	-.0030	.0003	.0007	.0005	.0003	.0009
Stddev	.0011	.0008	.0014	.0003	.0001	.0000	.0002	.0002	.0002
%RSD	24.44	108.9	12.41	9.343	16.23	5.323	49.01	59.92	28.21

#1	.0055	-.0002	.0128	-.0026	.0003	.0007	.0004	.0005	.0011
#2	.0033	-.0003	.0108	-.0031	.0003	.0006	.0003	.0003	.0009
#3	.0044	-.0016	.0101	-.0031	.0003	.0007	.0007	.0001	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7723.6	40155.	15314.
Stddev	269.2	65.	39.
%RSD	3.4850	.16087	.25733

#1	7565.9	40213.	15297.
#2	7570.5	40086.	15359.
#3	8034.4	40167.	15285.

Sample Name: L1926660-26,T Acquired: 6/27/2019 17:36:36 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115	119.6	.1332	.2650	2.931	.0150	.0030	43.88	.1919	.1275
Stddev	.0001	.3	.0017	.0050	.012	.0000	.0010	.19	.0029	.0021
%RSD	.7849	.2909	1.269	1.893	.4045	.1427	33.51	.4356	1.510	1.622

#1	.0114	119.9	.1333	.2667	2.923	.0150	.0041	44.09	.1937	.1288
#2	.0116	119.8	.1348	.2690	2.945	.0150	.0021	43.84	.1936	.1286
#3	.0116	119.2	.1314	.2594	2.926	.0149	.0028	43.71	.1886	.1251

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5531	3.845	455.8	13.27	36.56	10.64	.0480	3.263	2.676	9.607
Stddev	.0006	.009	2.6	.01	.16	.03	.0005	.014	.041	.150
%RSD	.0996	.2388	.5620	.0412	.4322	.2919	.9580	.4132	1.524	1.563

#1	.5528	3.848	458.7	13.26	36.74	10.68	.0483	3.253	2.697	9.686
#2	.5537	3.852	455.0	13.26	36.50	10.63	.0484	3.258	2.703	9.700
#3	.5528	3.835	453.8	13.27	36.45	10.62	.0475	3.279	2.629	9.434

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1094	.0080	4.106	.4018	.1643	5.033	-.0097	.4208	15.80
Stddev	.0014	.0006	.093	.0060	.0010	.007	.0008	.0007	.24
%RSD	1.306	6.979	2.257	1.496	.5820	.1373	8.108	.1566	1.488

#1	.1092	.0080	4.157	.4043	.1633	5.036	-.0094	.4208	15.95
#2	.1109	.0075	4.162	.4062	.1643	5.038	-.0092	.4215	15.91
#3	.1081	.0086	3.999	.3950	.1652	5.025	-.0107	.4202	15.53

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	10350.	55211.	22255.
Stddev	131.	24.	82.
%RSD	1.2668	.04386	.36983

#1	10308.	55208.	22163.
#2	10245.	55188.	22279.
#3	10497.	55236.	22322.

Sample Name: L1926660-27,T Acquired: 6/27/2019 17:41:32 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403	303.6	.2718	1.168	6.797	.0080	.0272	112.3	.4305	.1805
Stddev	.0002	2.3	.0073	.030	.049	.0001	.0011	1.0	.0099	.0041
%RSD	.5348	.7713	2.672	2.602	.7173	.6540	3.879	.8563	2.302	2.255

#1	.0404	301.0	.2750	1.186	6.852	.0080	.0272	111.3	.4361	.1831
#2	.0405	305.4	.2770	1.184	6.783	.0080	.0282	112.5	.4364	.1827
#3	.0401	304.6	.2635	1.133	6.757	.0080	.0261	113.2	.4191	.1759

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088	24.76	872.6	14.53	31.72	11.13	.1822	4.855	2.707	29.65
Stddev	.003	.04	7.7	.02	.41	.06	.0044	.002	.064	.70
%RSD	.2518	.1709	.8845	.1130	1.292	.5810	2.418	.0348	2.375	2.371

#1	1.084	24.74	864.0	14.51	31.27	11.06	.1846	4.854	2.746	30.05
#2	1.089	24.72	874.9	14.55	31.81	11.16	.1848	4.856	2.743	30.07
#3	1.089	24.81	879.0	14.53	32.08	11.18	.1771	4.853	2.633	28.84

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5280	.0308	18.91	1.833	.5410	4.536	-.0093	.6451	61.02
Stddev	.0127	.0017	.71	.043	.0014	.002	.0006	.0008	2.29
%RSD	2.412	5.502	3.735	2.328	.2512	.0414	6.476	.1297	3.754

#1	.5373	.0328	19.22	1.856	.5421	4.534	-.0090	.6445	62.88
#2	.5331	.0300	19.41	1.860	.5414	4.538	-.0100	.6461	61.72
#3	.5135	.0297	18.11	1.784	.5395	4.535	-.0089	.6449	58.46

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8293.4	44923.	18516.
Stddev	174.2	26.	171.
%RSD	2.0999	.05745	.92401

#1	8177.9	44894.	18702.
#2	8208.5	44943.	18479.
#3	8493.7	44932.	18366.

Sample Name: L1925448-01,C,10 Acquired: 6/27/2019 17:46:42 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0466	.0051	.0085	.0022	-.0001	.0003	.2258	-.0000	.0000
Stddev	.0003	.0031	.0002	.0005	.0000	.0000	.0005	.0033	.0000	.0000
%RSD	1928.	6.658	4.645	5.613	2.089	39.00	191.3	1.459	266.9	135.0

#1	.0002	.0500	.0053	.0089	.0021	-.0002	.0009	.2281	-.0000	-.0000
#2	-.0003	.0460	.0051	.0086	.0022	-.0001	.0000	.2272	.0000	.0001
#3	.0001	.0439	.0048	.0079	.0022	-.0001	-.0001	.2220	-.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363	.0056	.2053	795.4	.0503	.0021	.0013	216.3	.0012	.0054
Stddev	.0001	.0001	.0059	11.9	.0015	.0002	.0002	5.0	.0001	.0014
%RSD	.3134	2.609	2.886	1.495	3.063	7.153	17.44	2.314	10.81	25.19

#1	.0362	.0054	.1985	806.5	.0489	.0020	.0015	220.4	.0012	.0067
#2	.0364	.0057	.2079	796.9	.0501	.0023	.0013	217.6	.0013	.0040
#3	.0363	.0055	.2095	782.8	.0519	.0021	.0010	210.7	.0010	.0056

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070	.0078	.0681	.0016	.0012	.0027	-.0009	.0003	.0425
Stddev	.0012	.0007	.0136	.0005	.0001	.0002	.0006	.0002	.0006
%RSD	17.03	9.294	19.94	28.95	6.367	7.060	68.15	75.61	1.486

#1	.0083	.0074	.0613	.0019	.0011	.0029	-.0015	.0003	.0433
#2	.0068	.0086	.0593	.0018	.0012	.0028	-.0003	.0001	.0423
#3	.0059	.0073	.0837	.0011	.0012	.0025	-.0008	.0005	.0421

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	6910.0	34209.	14163.
Stddev	195.3	12.	59.
%RSD	2.8259	.03459	.41910

#1	6787.2	34218.	14104.
#2	6807.7	34195.	14164.
#3	7135.2	34213.	14222.

Sample Name: WG1253873-3,C,10 Acquired: 6/27/2019 17:51:46 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051	.2236	.0198	.1071	.1950	.0049	.0002	1.187	.0052	.0471
Stddev	.0001	.0040	.0005	.0035	.0014	.0001	.0002	.010	.0001	.0013
%RSD	1.631	1.807	2.618	3.273	.7366	1.436	95.36	.8160	2.721	2.810

#1	.0051	.2255	.0192	.1093	.1966	.0050	.0004	1.198	.0053	.0479
#2	.0052	.2263	.0203	.1089	.1948	.0049	.0001	1.182	.0053	.0479
#3	.0051	.2189	.0198	.1030	.1937	.0048	.0001	1.180	.0051	.0456

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562	.0278	.1978	766.8	.8981	.0487	.0964	208.0	.0474	.0520
Stddev	.0005	.0003	.0058	8.1	.0086	.0003	.0026	.8	.0014	.0013
%RSD	.9678	.9819	2.910	1.056	.9574	.7132	2.678	.3910	2.968	2.433

#1	.0567	.0281	.1928	772.4	.9080	.0490	.0978	208.7	.0483	.0522
#2	.0556	.0275	.1963	770.4	.8923	.0487	.0980	208.2	.0482	.0531
#3	.0563	.0278	.2041	757.5	.8940	.0483	.0934	207.1	.0458	.0506

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550	.0203	.1143	.0934	.0983	.1022	.0104	.0522	.0871
Stddev	.0021	.0024	.0021	.0032	.0008	.0001	.0004	.0000	.0028
%RSD	3.762	11.99	1.805	3.455	.8172	.1103	4.261	.0608	3.203

#1	.0562	.0205	.1161	.0949	.0991	.1023	.0108	.0522	.0887
#2	.0561	.0227	.1148	.0956	.0982	.1021	.0105	.0522	.0887
#3	.0526	.0178	.1120	.0897	.0975	.1021	.0099	.0522	.0839

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	6859.4	34190.	14233.
Stddev	168.8	37.	36.
%RSD	2.4601	.10913	.25132

#1	6753.4	34217.	14194.
#2	6770.8	34206.	14241.
#3	7054.0	34147.	14264.

Sample Name: WG1253873-4,C,10 Acquired: 6/27/2019 17:56:42 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0148	.0061	.0058	.0015	-.0001	.0006	.2052	-.0000	-.0000
Stddev	.0001	.0041	.0015	.0006	.0001	.0000	.0003	.0023	.0000	.0000
%RSD	103.4	27.80	24.47	9.943	5.406	10.26	60.11	1.119	35.91	2245.
#1	.0000	.0194	.0049	.0064	.0014	-.0001	.0010	.2067	-.0000	-.0000
#2	-.0002	.0131	.0078	.0055	.0015	-.0001	.0003	.2063	-.0000	.0000
#3	-.0002	.0117	.0056	.0053	.0015	-.0001	.0005	.2025	-.0001	-.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370	.0026	.0638	770.5	.0434	.0005	.0009	209.9	.0008	.0021
Stddev	.0002	.0001	.0031	4.3	.0020	.0002	.0001	2.4	.0001	.0002
%RSD	.5857	2.477	4.789	.5540	4.700	30.83	13.35	1.161	7.563	11.42
#1	.0372	.0026	.0603	775.4	.0454	.0005	.0009	212.7	.0008	.0021
#2	.0370	.0026	.0660	767.9	.0413	.0003	.0010	208.0	.0009	.0018
#3	.0368	.0025	.0651	768.1	.0436	.0007	.0007	209.1	.0008	.0023
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0058	.0076	.0447	.0007	.0011	.0007	.0002	.0001	.0330	
Stddev	.0001	.0017	.0003	.0002	.0000	.0002	.0008	.0001	.0011	
%RSD	1.258	21.70	.5800	32.18	.4128	31.29	430.0	201.3	3.422	
#1	.0057	.0094	.0449	.0009	.0011	.0005	.0003	-.0001	.0336	
#2	.0058	.0073	.0448	.0008	.0011	.0009	-.0007	.0001	.0337	
#3	.0057	.0062	.0444	.0005	.0011	.0007	.0010	.0002	.0317	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	6848.1	34190.	14226.							
Stddev	185.8	11.	73.							
%RSD	2.7129	.03228	.51116							
#1	6733.9	34182.	14169.							
#2	6748.0	34185.	14308.							
#3	7062.5	34202.	14202.							

Sample Name: WG1253873-5,C,10 Acquired: 6/27/2019 18:01:47 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080	.2092	.0190	.1039	.1955	.0049	-.0000	1.186	.0052	.0463
Stddev	.0002	.0042	.0012	.0031	.0040	.0001	.0002	.011	.0002	.0014
%RSD	2.052	1.990	6.264	3.019	2.038	2.075	1369.	.9351	3.466	3.003

#1	.0078	.2084	.0191	.1056	.1958	.0049	-.0000	1.186	.0053	.0473
#2	.0079	.2138	.0201	.1059	.1993	.0049	.0002	1.198	.0053	.0470
#3	.0081	.2055	.0177	.1003	.1913	.0048	-.0003	1.176	.0050	.0447

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555	.0263	.1429	762.3	.8975	.0482	.0953	207.7	.0468	.0497
Stddev	.0005	.0002	.0044	10.2	.0043	.0007	.0030	3.6	.0015	.0014
%RSD	.9251	.6342	3.056	1.336	.4793	1.517	3.104	1.719	3.227	2.909

#1	.0561	.0265	.1397	759.3	.9007	.0484	.0971	210.0	.0477	.0503
#2	.0553	.0262	.1478	773.6	.8992	.0488	.0969	209.6	.0476	.0508
#3	.0552	.0263	.1410	753.9	.8926	.0474	.0919	203.6	.0450	.0481

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520	.0200	.0539	.0924	.0986	.1008	.0097	.0513	.0824
Stddev	.0011	.0014	.0013	.0033	.0019	.0004	.0002	.0000	.0024
%RSD	2.200	6.754	2.503	3.523	1.964	.3760	1.763	.0628	2.904

#1	.0520	.0214	.0549	.0947	.0987	.1008	.0095	.0513	.0839
#2	.0531	.0187	.0544	.0937	.1005	.1011	.0098	.0514	.0837
#3	.0508	.0200	.0524	.0887	.0966	.1004	.0098	.0513	.0796

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	6852.5	34265.	14036.
Stddev	191.0	36.	85.
%RSD	2.7869	.10418	.60695

#1	6740.7	34230.	14089.
#2	6743.8	34263.	13937.
#3	7073.0	34301.	14080.

Sample Name: WG1253873-6,C,50 Acquired: 6/27/2019 18:06:43 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0085	.0022	.0032	.0004	-.0001	-.0003	.0463	-.0001	-.0001
Stddev	.0002	.0024	.0010	.0007	.0001	.0000	.0002	.0037	.0000	.0002
%RSD	217.5	27.88	43.12	20.68	20.54	30.03	58.31	7.900	12.71	177.2

#1	.0001	.0112	.0016	.0033	.0004	-.0001	-.0005	.0428	-.0001	.0001
#2	-.0000	.0079	.0018	.0037	.0003	-.0001	-.0002	.0459	-.0001	-.0003
#3	-.0003	.0066	.0033	.0025	.0005	-.0001	-.0002	.0501	-.0001	-.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071	.0005	.0131	158.4	.0105	.0000	.0001	42.34	-.0001	.0013
Stddev	.0003	.0002	.0003	.6	.0005	.0001	.0001	.23	.0001	.0009
%RSD	4.936	35.33	2.532	.4026	4.738	747.0	73.32	.5424	128.5	67.13

#1	.0067	.0004	.0134	159.1	.0102	.0000	.0002	42.60	.0000	.0016
#2	.0074	.0007	.0128	158.0	.0103	-.0001	.0001	42.20	-.0002	.0003
#3	.0070	.0004	.0130	158.0	.0111	.0001	.0000	42.21	-.0001	.0021

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0006	.0160	-.0036	.0002	.0002	-.0003	-.0001	.0065
Stddev	.0009	.0003	.0006	.0006	.0001	.0002	.0010	.0002	.0003
%RSD	109.6	50.28	3.586	15.71	36.77	64.52	304.6	298.1	5.086

#1	.0013	.0008	.0165	-.0031	.0001	.0001	-.0013	-.0001	.0068
#2	-.0002	.0003	.0161	-.0042	.0002	.0004	.0007	-.0002	.0066
#3	.0015	.0009	.0153	-.0037	.0002	.0002	-.0004	.0001	.0062

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7284.8	37062.	14548.
Stddev	205.4	37.	22.
%RSD	2.8191	.09875	.15372

#1	7153.7	37090.	14531.
#2	7179.3	37076.	14573.
#3	7521.5	37021.	14541.

Sample Name: L1926660-17,T,10 Acquired: 6/27/2019 18:11:31 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	48.62	.0296	.6426	1.238	.0013	-.0060	13.53	.0453	.0241
Stddev	.0001	.11	.0016	.0144	.005	.0000	.0001	.05	.0008	.0005
%RSD	2.452	.2222	5.282	2.248	.4186	2.134	2.030	.3331	1.684	1.970

#1	.0030	48.51	.0299	.6501	1.234	.0013	-.0059	13.50	.0457	.0244
#2	.0028	48.62	.0279	.6517	1.236	.0013	-.0059	13.58	.0458	.0244
#3	.0029	48.73	.0310	.6259	1.244	.0013	-.0061	13.50	.0444	.0236

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1411	6.466	117.3	1.792	5.799	1.346	.0128	1.916	.2635	5.705
Stddev	.0005	.021	.3	.006	.035	.006	.0002	.009	.0050	.103
%RSD	.3806	.3313	.2805	.3120	.6097	.4334	1.289	.4812	1.905	1.803

#1	.1410	6.453	116.9	1.796	5.758	1.339	.0127	1.906	.2656	5.754
#2	.1406	6.490	117.6	1.786	5.821	1.349	.0130	1.917	.2671	5.775
#3	.1417	6.453	117.4	1.794	5.817	1.349	.0127	1.924	.2578	5.587

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739	.0030	1.805	.4804	.0490	.5405	-.0017	.0799	10.09
Stddev	.0020	.0013	.057	.0089	.0003	.0020	.0002	.0003	.15
%RSD	2.679	43.40	3.138	1.852	.6503	.3622	10.49	.4327	1.520

#1	.0742	.0045	1.836	.4850	.0487	.5383	-.0015	.0795	10.16
#2	.0758	.0025	1.840	.4860	.0489	.5421	-.0019	.0801	10.19
#3	.0718	.0020	1.740	.4701	.0493	.5411	-.0017	.0801	9.911

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7640.0	39605.	15387.
Stddev	199.0	37.	78.
%RSD	2.6047	.09467	.50964

#1	7525.4	39639.	15429.
#2	7524.8	39565.	15297.
#3	7869.8	39612.	15435.

Sample Name: L1926660-18,T,10 Acquired: 6/27/2019 18:16:14 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	21.76	.0355	2.415	3.785	.0021	.0352	18.52	.0839	.0286
Stddev	.0001	.11	.0003	.065	.070	.0000	.0014	.11	.0021	.0008
%RSD	2.303	.4987	.9210	2.674	1.849	1.402	3.864	.5743	2.461	2.816

#1	.0050	21.65	.0356	2.454	3.825	.0021	.0362	18.43	.0851	.0290
#2	.0047	21.75	.0358	2.452	3.705	.0020	.0357	18.50	.0850	.0290
#3	.0048	21.87	.0351	2.341	3.826	.0021	.0337	18.64	.0815	.0276

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2701	2.374	139.4	3.806	9.672	1.673	.0156	6.023	.2362	9.873
Stddev	.0007	.008	.6	.026	.074	.007	.0003	.034	.0060	.246
%RSD	.2481	.3250	.4646	.6760	.7700	.4441	2.047	.5561	2.524	2.493

#1	.2708	2.366	139.3	3.784	9.653	1.666	.0158	5.992	.2397	10.02
#2	.2701	2.381	138.9	3.800	9.610	1.674	.0157	6.019	.2397	10.01
#3	.2695	2.375	140.1	3.834	9.755	1.681	.0152	6.059	.2293	9.589

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2160	.0046	1.564	.7851	.0982	.6120	-.0009	.1120	12.42
Stddev	.0063	.0016	.048	.0193	.0006	.0015	.0012	.0003	.28
%RSD	2.935	35.66	3.069	2.453	.6244	.2520	132.9	.2372	2.285

#1	.2199	.0044	1.593	.7952	.0975	.6103	.0005	.1117	12.59
#2	.2194	.0063	1.590	.7971	.0984	.6128	-.0016	.1121	12.58
#3	.2087	.0030	1.509	.7629	.0986	.6131	-.0015	.1122	12.09

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7620.6	39782.	15482.
Stddev	176.8	18.	51.
%RSD	2.3203	.04517	.32908

#1	7519.9	39769.	15501.
#2	7517.1	39773.	15521.
#3	7824.8	39802.	15424.

Sample Name: L1926660-20,T,10 Acquired: 6/27/2019 18:21:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035	29.43	.0388	1.167	1.844	.0019	.0007	10.52	.0447	.0210
Stddev	.0001	.05	.0010	.030	.003	.0000	.0007	.06	.0011	.0005
%RSD	3.568	.1579	2.451	2.607	.1842	.9109	97.18	.5573	2.555	2.321
#1	.0036	29.39	.0399	1.183	1.840	.0019	-.0000	10.54	.0453	.0212
#2	.0034	29.48	.0381	1.186	1.845	.0018	.0014	10.56	.0454	.0214
#3	.0036	29.42	.0384	1.132	1.846	.0019	.0009	10.45	.0434	.0205
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1819	3.985	131.4	2.413	6.271	1.540	.0126	4.784	.2177	6.551
Stddev	.0002	.008	1.0	.009	.043	.002	.0002	.017	.0055	.160
%RSD	.1242	.1907	.7293	.3934	.6874	.1134	1.493	.3604	2.547	2.447
#1	.1820	3.979	132.1	2.424	6.283	1.539	.0128	4.769	.2204	6.643
#2	.1820	3.983	131.7	2.406	6.307	1.542	.0127	4.781	.2213	6.645
#3	.1816	3.994	130.3	2.409	6.223	1.539	.0124	4.803	.2113	6.366
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.1652	.0018	1.326	.5407	.0662	.5592	-.0014	.0762	10.77	
Stddev	.0042	.0001	.042	.0139	.0004	.0003	.0000	.0002	.25	
%RSD	2.553	3.685	3.198	2.573	.6690	.0491	.3369	.2047	2.287	
#1	.1664	.0017	1.352	.5488	.0658	.5592	-.0014	.0761	10.93	
#2	.1687	.0018	1.349	.5487	.0661	.5590	-.0014	.0764	10.90	
#3	.1606	.0019	1.277	.5247	.0666	.5595	-.0015	.0762	10.49	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7617.6	39649.	15397.							
Stddev	161.5	44.	77.							
%RSD	2.1196	.10986	.50290							
#1	7539.8	39651.	15366.							
#2	7509.8	39691.	15340.							
#3	7803.3	39604.	15485.							

Sample Name: CCV Acquired: 6/27/2019 18:25:48 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5029	.5298	.5392	.5108	.5081	.5070	-.0017	.5074	.4997	.4952
Stddev	.0007	.0039	.0125	.0116	.0008	.0010	.0004	.0031	.0080	.0095
%RSD	.1364	.7320	2.327	2.278	.1633	.1932	24.24	.6041	1.601	1.911
#1	.5030	.5269	.5459	.5176	.5076	.5077	-.0014	.5105	.5049	.5010
#2	.5035	.5283	.5469	.5174	.5075	.5059	-.0015	.5044	.5036	.5004
#3	.5022	.5342	.5247	.4974	.5090	.5075	-.0021	.5074	.4904	.4843

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5066	.5025	.5396	4.599	.5180	.4890	.4961	9.901	.5135	.5247
Stddev	.0019	.0012	.0017	.008	.0020	.0022	.0084	.027	.0094	.0089
%RSD	.3802	.2483	.3129	.1711	.3849	.4508	1.684	.2713	1.825	1.696
#1	.5059	.5017	.5389	4.592	.5190	.4908	.5004	9.882	.5192	.5290
#2	.5088	.5018	.5385	4.599	.5193	.4865	.5014	9.889	.5186	.5307
#3	.5052	.5039	.5416	4.608	.5157	.4895	.4865	9.932	.5027	.5145

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069	.5033	5.467	.5009	.4980	.5064	.5029	.5143	.5153
Stddev	.0081	.0077	.109	.0085	.0004	.0008	.0094	.0006	.0068
%RSD	1.592	1.524	1.994	1.698	.0900	.1549	1.864	.1123	1.322
#1	.5097	.5073	5.533	.5059	.4978	.5061	.5072	.5144	.5201
#2	.5133	.5081	5.526	.5057	.4977	.5073	.5093	.5148	.5183
#3	.4978	.4944	5.341	.4911	.4985	.5058	.4921	.5137	.5075

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7501.6	39147.	15005.
Stddev	139.2	55.	45.
%RSD	1.8552	.14133	.29991
#1	7424.5	39200.	15022.
#2	7418.0	39152.	15039.
#3	7662.2	39089.	14954.

Sample Name: CCB Acquired: 6/27/2019 18:30:20 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0103	.0016	.0036	.0006	.0003	-.0002	.0024	.0001	.0002
Stddev	.0002	.0029	.0008	.0003	.0000	.0000	.0001	.0045	.0000	.0001
%RSD	69.03	28.26	49.28	8.658	7.538	16.92	51.35	185.5	12.23	65.59

#1	.0002	.0073	.0019	.0039	.0006	.0002	-.0003	.0070	.0001	.0002
#2	.0004	.0104	.0021	.0037	.0006	.0003	-.0001	.0023	.0001	.0002
#3	.0001	.0131	.0007	.0033	.0007	.0003	-.0002	-.0020	.0001	.0000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0008	.0232	-.4489	.0026	.0007	.0012	-.1051	.0002	.0008
Stddev	.0001	.0002	.0035	.0112	.0031	.0002	.0004	.0017	.0002	.0002
%RSD	3789.	27.04	15.33	2.489	121.3	32.74	30.23	1.625	94.40	29.77

#1	-.0002	.0005	.0192	-.4415	.0052	.0009	.0016	-.1034	.0004	.0010
#2	.0001	.0009	.0261	-.4433	.0035	.0005	.0010	-.1052	.0001	.0006
#3	.0001	.0009	.0241	-.4617	-.0009	.0006	.0009	-.1068	.0001	.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	-.0005	.0091	-.0017	.0003	.0006	.0007	.0004	.0013
Stddev	.0012	.0008	.0006	.0003	.0001	.0002	.0006	.0001	.0002
%RSD	23.46	176.6	6.749	19.10	32.29	38.70	84.64	35.77	17.25

#1	.0063	-.0007	.0098	-.0014	.0002	.0005	.0007	.0002	.0016
#2	.0041	.0004	.0088	-.0017	.0003	.0004	.0001	.0005	.0012
#3	.0045	-.0011	.0087	-.0020	.0002	.0008	.0013	.0004	.0011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7749.4	39882.	14878.
Stddev	283.1	3.	72.
%RSD	3.6528	.00869	.48594

#1	7585.8	39881.	14940.
#2	7586.1	39886.	14799.
#3	8076.2	39880.	14896.

Sample Name: WG1253825-1,C Acquired: 6/27/2019 18:35:10 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0075	.0033	.0053	.0012	.0000	.0000	.0401	-.0000	.0001
Stddev	.0001	.0021	.0002	.0004	.0001	.0000	.0005	.0028	.0000	.0001
%RSD	69.83	28.30	5.739	6.886	6.604	50.45	1804.	7.050	141.0	94.02
#1	.0001	.0095	.0035	.0057	.0011	.0000	.0006	.0385	.0000	.0001
#2	.0001	.0078	.0032	.0053	.0012	.0000	-.0002	.0434	-.0000	.0001
#3	.0003	.0053	.0032	.0050	.0012	.0001	-.0003	.0385	-.0000	-.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025	.0009	.0366	2.065	.0056	.0019	.0006	143.8	.0012	.0007
Stddev	.0001	.0001	.0028	.169	.0018	.0002	.0001	1.3	.0001	.0006
%RSD	4.069	14.60	7.644	8.170	31.22	9.110	24.71	.9075	6.515	94.41
#1	.0024	.0008	.0337	2.232	.0072	.0021	.0007	142.9	.0012	.0010
#2	.0025	.0008	.0393	2.068	.0037	.0019	.0006	145.3	.0011	-.0001
#3	.0026	.0011	.0370	1.895	.0060	.0018	.0004	143.3	.0011	.0012
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0007	.0001	.0331	.0112	.0004	.0003	.0001	.0003	.0029	
Stddev	.0005	.0002	.0052	.0008	.0000	.0002	.0001	.0001	.0005	
%RSD	71.52	172.0	15.71	6.707	11.23	91.77	88.86	29.41	16.79	
#1	.0011	-.0001	.0391	.0121	.0004	.0004	.0001	.0003	.0034	
#2	.0001	.0001	.0306	.0110	.0005	-.0000	.0000	.0004	.0028	
#3	.0010	.0003	.0296	.0107	.0004	.0004	.0002	.0002	.0024	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7263.9	36755.	14506.							
Stddev	231.1	23.	47.							
%RSD	3.1816	.06292	.32576							
#1	7109.7	36754.	14545.							
#2	7152.4	36732.	14454.							
#3	7529.7	36778.	14519.							

Sample Name: L1926660-24,T,10 Acquired: 6/27/2019 18:40:09 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	15.38	.0227	.0923	.4360	.0012	-.0049	5.337	.0253	.0114
Stddev	.0001	.05	.0013	.0033	.0018	.0000	.0003	.028	.0008	.0003
%RSD	5.859	.3534	5.597	3.620	.4091	.6588	5.849	.5191	3.051	2.617
#1	.0016	15.35	.0235	.0945	.4350	.0012	-.0051	5.326	.0258	.0116
#2	.0017	15.35	.0233	.0940	.4350	.0012	-.0050	5.317	.0256	.0116
#3	.0018	15.44	.0212	.0885	.4380	.0012	-.0046	5.368	.0244	.0111
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848	1.624	69.64	.7577	2.612	.7229	.0106	.4823	.4292	2.138
Stddev	.0007	.012	.37	.0243	.020	.0040	.0004	.0058	.0137	.067
%RSD	.8118	.7174	.5380	3.208	.7479	.5503	3.319	1.204	3.196	3.144
#1	.0840	1.613	69.40	.7468	2.592	.7204	.0107	.4802	.4383	2.182
#2	.0853	1.624	69.44	.7408	2.612	.7209	.0109	.4779	.4358	2.171
#3	.0851	1.636	70.07	.7855	2.631	.7275	.0102	.4889	.4134	2.061
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0290	.0002	1.186	.1123	.0237	.4166	-.0013	.0349	25.90	
Stddev	.0014	.0012	.039	.0042	.0002	.0031	.0001	.0002	.74	
%RSD	4.845	588.1	3.322	3.725	.6596	.7529	10.50	.5885	2.842	
#1	.0302	.0013	1.209	.1150	.0236	.4133	-.0012	.0347	26.36	
#2	.0293	.0005	1.208	.1145	.0236	.4170	-.0014	.0349	26.29	
#3	.0274	-.0011	1.141	.1075	.0239	.4196	-.0012	.0351	25.05	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	8086.2	41824.	15882.							
Stddev	206.8	31.	52.							
%RSD	2.5573	.07350	.32814							
#1	7957.7	41850.	15895.							
#2	7976.1	41832.	15926.							
#3	8324.7	41790.	15825.							

Sample Name: WG1253825-2,C Acquired: 6/27/2019 18:44:46 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518	2.075	.1387	1.096	2.040	.0522	-.0023	10.13	.0545	.4974
Stddev	.0004	.003	.0039	.031	.004	.0001	.0004	.06	.0012	.0126
%RSD	.8428	.1584	2.793	2.820	.2187	.2507	15.69	.5922	2.265	2.533

#1	.0521	2.077	.1403	1.115	2.040	.0521	-.0019	10.10	.0552	.5048
#2	.0520	2.071	.1415	1.113	2.045	.0521	-.0026	10.10	.0553	.5044
#3	.0513	2.077	.1342	1.060	2.036	.0523	-.0024	10.20	.0531	.4828

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081	.2539	1.087	11.88	9.967	.4931	.9989	155.3	.5032	.5387
Stddev	.0005	.0005	.003	.02	.035	.0006	.0249	1.2	.0123	.0121
%RSD	.2310	.1797	.2531	.2073	.3538	.1311	2.494	.7562	2.442	2.253

#1	.2075	.2538	1.085	11.91	9.943	.4924	1.012	153.9	.5108	.5451
#2	.2083	.2535	1.085	11.87	9.951	.4937	1.014	156.0	.5098	.5462
#3	.2084	.2544	1.090	11.87	10.01	.4933	.9702	155.9	.4890	.5247

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5216	.1367	.7317	.9933	1.007	1.031	.1174	.5278	.5446
Stddev	.0161	.0025	.0223	.0243	.001	.001	.0029	.0007	.0122
%RSD	3.084	1.855	3.049	2.446	.1242	.0946	2.461	.1401	2.244

#1	.5302	.1389	.7454	1.006	1.006	1.032	.1191	.5279	.5517
#2	.5316	.1372	.7437	1.008	1.009	1.030	.1190	.5270	.5515
#3	.5031	.1339	.7059	.9652	1.007	1.031	.1140	.5285	.5305

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7191.2	36701.	14499.
Stddev	184.2	58.	43.
%RSD	2.5609	.15880	.29985

#1	7078.7	36734.	14524.
#2	7091.1	36734.	14524.
#3	7403.7	36633.	14449.

Sample Name: L1926904-01,C Acquired: 6/27/2019 18:49:27 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0310	.0027	.0083	.0951	-.0000	-.0005	31.12	.0001	.0047
Stddev	.0002	.0014	.0010	.0006	.0002	.0000	.0006	.17	.0000	.0002
%RSD	114.6	4.677	36.42	6.785	.2049	91.67	118.6	.5437	26.04	4.395

#1	-.0001	.0299	.0017	.0088	.0950	-.0000	-.0007	31.06	.0001	.0049
#2	-.0000	.0305	.0037	.0085	.0949	-.0000	-.0009	31.31	.0001	.0047
#3	-.0004	.0326	.0028	.0077	.0953	-.0000	.0002	30.99	.0000	.0045

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0013	.0572	2.926	4.157	.4082	.0017	145.3	.0047	.0016
Stddev	.0001	.0002	.0009	.008	.018	.0029	.0003	.9	.0002	.0002
%RSD	3.445	13.01	1.537	.2695	.4412	.7144	20.76	.6278	3.183	10.53

#1	.0017	.0015	.0576	2.920	4.170	.4081	.0020	144.6	.0048	.0016
#2	.0017	.0012	.0562	2.935	4.166	.4111	.0017	146.3	.0048	.0014
#3	.0016	.0013	.0577	2.924	4.136	.4053	.0013	145.0	.0046	.0017

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	-.0001	1.889	-.0028	.0695	.0006	-.0002	.0007	.0138
Stddev	.0005	.0014	.079	.0005	.0002	.0000	.0007	.0002	.0007
%RSD	62.42	1973.	4.201	19.11	.2268	.7920	454.5	26.97	4.894

#1	-.0014	.0015	1.937	-.0025	.0694	.0006	.0006	.0005	.0142
#2	-.0003	-.0007	1.933	-.0025	.0695	.0006	-.0009	.0009	.0142
#3	-.0009	-.0010	1.798	-.0034	.0697	.0006	-.0002	.0007	.0131

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7250.2	36766.	14547.
Stddev	260.6	25.	75.
%RSD	3.5947	.06827	.51586

#1	7096.4	36794.	14564.
#2	7103.0	36759.	14464.
#3	7551.1	36745.	14611.

Sample Name: L1926660-27,T,10 Acquired: 6/27/2019 18:54:21 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	37.04	.0349	.1477	.8417	.0009	.0031	14.76	.0601	.0247
Stddev	.0001	.18	.0013	.0038	.0060	.0000	.0007	.09	.0012	.0006
%RSD	1.337	.4841	3.721	2.569	.7121	2.396	23.58	.6286	1.917	2.456

#1	.0047	37.23	.0346	.1489	.8478	.0009	.0038	14.87	.0601	.0249
#2	.0048	36.88	.0363	.1508	.8358	.0009	.0024	14.72	.0612	.0253
#3	.0048	36.99	.0338	.1435	.8415	.0009	.0030	14.70	.0589	.0241

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1478	2.999	156.5	1.309	4.805	1.453	.0240	.5409	.3841	4.160
Stddev	.0001	.001	.9	.010	.047	.006	.0004	.0038	.0079	.085
%RSD	.0784	.0411	.5763	.7984	.9677	.4070	1.722	.7048	2.047	2.047

#1	.1477	2.998	157.3	1.317	4.857	1.460	.0241	.5428	.3852	4.171
#2	.1477	3.000	156.7	1.312	4.790	1.450	.0243	.5365	.3913	4.240
#3	.1479	2.999	155.5	1.297	4.768	1.450	.0235	.5433	.3757	4.071

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633	.0051	2.311	.2521	.0618	.5844	-.0006	.0846	11.15
Stddev	.0021	.0017	.061	.0052	.0005	.0005	.0008	.0001	.21
%RSD	3.321	33.97	2.621	2.082	.8372	.0781	136.9	.0707	1.871

#1	.0634	.0044	2.333	.2516	.0622	.5846	-.0003	.0847	11.15
#2	.0653	.0070	2.357	.2576	.0612	.5848	-.0015	.0846	11.36
#3	.0611	.0038	2.242	.2472	.0620	.5839	.0000	.0846	10.94

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7585.6	39399.	15171.
Stddev	172.9	35.	115.
%RSD	2.2798	.08868	.75808

#1	7479.1	39436.	15049.
#2	7492.5	39366.	15184.
#3	7785.1	39397.	15278.

Sample Name: WG1253825-3,C Acquired: 6/27/2019 18:59:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510	2.104	.1379	1.076	2.098	.0515	-.0018	40.64	.0536	.4965
Stddev	.0003	.009	.0034	.027	.002	.0001	.0005	.15	.0012	.0115
%RSD	.5244	.4348	2.453	2.481	.0740	.1618	25.27	.3576	2.218	2.319

#1	.0511	2.110	.1399	1.090	2.100	.0514	-.0020	40.69	.0542	.5028
#2	.0507	2.109	.1397	1.092	2.097	.0515	-.0022	40.75	.0543	.5036
#3	.0513	2.094	.1340	1.045	2.097	.0514	-.0013	40.47	.0522	.4833

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2026	.2523	1.121	13.14	13.85	.8766	.9849	154.6	.4964	.5302
Stddev	.0008	.0009	.002	.02	.14	.0027	.0228	1.4	.0107	.0122
%RSD	.3992	.3551	.1964	.1441	1.039	.3086	2.312	.9004	2.158	2.298

#1	.2032	.2519	1.121	13.13	13.92	.8791	.9967	155.3	.5023	.5386
#2	.2030	.2517	1.123	13.16	13.94	.8769	.9994	155.6	.5028	.5357
#3	.2017	.2533	1.119	13.14	13.68	.8737	.9587	153.0	.4840	.5162

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5232	.1357	2.637	.9779	1.062	1.014	.1164	.5225	.5420
Stddev	.0137	.0046	.064	.0218	.001	.001	.0022	.0010	.0117
%RSD	2.625	3.357	2.430	2.232	.0962	.0741	1.867	.1964	2.166

#1	.5307	.1388	2.669	.9908	1.062	1.013	.1178	.5218	.5490
#2	.5316	.1378	2.678	.9901	1.063	1.014	.1175	.5237	.5485
#3	.5074	.1304	2.563	.9527	1.061	1.015	.1139	.5220	.5284

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7070.1	36400.	14433.
Stddev	148.5	81.	70.
%RSD	2.1002	.22328	.48762

#1	6994.2	36471.	14401.
#2	6975.0	36419.	14385.
#3	7241.2	36311.	14514.

Sample Name: WG1253825-4,C Acquired: 6/27/2019 19:03:45 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0303	.0033	.0086	.0936	-.0000	-.0004	30.75	.0001	.0047
Stddev	.0001	.0019	.0006	.0004	.0002	.0000	.0006	.18	.0000	.0002
%RSD	30.17	6.237	17.13	4.617	.1851	140.8	145.1	.5736	59.45	4.073

#1	-.0002	.0284	.0031	.0089	.0934	.0000	.0001	30.78	.0000	.0049
#2	-.0002	.0303	.0028	.0087	.0938	-.0001	-.0003	30.90	.0000	.0047
#3	-.0001	.0322	.0039	.0082	.0937	-.0000	-.0011	30.56	.0001	.0045

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0011	.0587	2.765	4.128	.4008	.0020	144.0	.0047	.0017
Stddev	.0003	.0002	.0015	.012	.020	.0009	.0005	.5	.0003	.0005
%RSD	20.64	16.49	2.499	.4430	.4878	.2266	24.31	.3680	5.431	29.98

#1	.0017	.0011	.0598	2.779	4.128	.4002	.0026	144.4	.0048	.0023
#2	.0012	.0009	.0592	2.762	4.149	.4019	.0017	144.3	.0048	.0017
#3	.0017	.0013	.0570	2.755	4.108	.4005	.0017	143.4	.0044	.0012

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0008	1.868	-.0027	.0684	.0006	-.0004	.0005	.0133
Stddev	.0009	.0005	.055	.0002	.0002	.0002	.0013	.0001	.0006
%RSD	103.7	62.94	2.946	8.273	.3385	37.58	335.8	11.85	4.598

#1	.0001	.0007	1.899	-.0025	.0682	.0003	-.0002	.0005	.0137
#2	-.0009	.0014	1.901	-.0027	.0684	.0006	.0008	.0004	.0135
#3	-.0018	.0004	1.805	-.0029	.0687	.0007	-.0017	.0006	.0126

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7195.8	36641.	14438.
Stddev	182.2	48.	88.
%RSD	2.5317	.13228	.60861

#1	7092.2	36664.	14434.
#2	7089.0	36673.	14352.
#3	7406.1	36585.	14528.

Sample Name: WG1253825-5,C Acquired: 6/27/2019 19:08:38 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187	1.878	.1249	.9905	1.910	.0471	-.0022	39.55	.0494	.4505
Stddev	.0003	.006	.0037	.0272	.004	.0003	.0005	.20	.0010	.0111
%RSD	1.386	.3248	3.000	2.751	.1812	.7092	22.10	.4993	2.062	2.467

#1	.0185	1.880	.1270	1.007	1.914	.0475	-.0024	39.77	.0499	.4569
#2	.0187	1.883	.1272	1.006	1.907	.0469	-.0025	39.45	.0499	.4570
#3	.0190	1.871	.1206	.9590	1.909	.0470	-.0016	39.42	.0482	.4377

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1856	.2283	.9979	12.42	13.15	.8334	.9029	153.5	.4531	.4808
Stddev	.0007	.0004	.0048	.04	.01	.0044	.0232	1.1	.0115	.0112
%RSD	.3800	.1931	.4855	.3623	.0618	.5223	2.566	.7123	2.536	2.328

#1	.1849	.2285	1.003	12.48	13.15	.8383	.9168	154.8	.4603	.4870
#2	.1857	.2278	.9944	12.41	13.16	.8299	.9158	153.0	.4591	.4876
#3	.1863	.2287	.9960	12.39	13.14	.8321	.8762	152.8	.4399	.4679

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4649	.1225	2.054	.8945	.9741	.9279	.1052	.4748	.4942
Stddev	.0120	.0050	.055	.0202	.0033	.0013	.0035	.0008	.0101
%RSD	2.583	4.092	2.659	2.256	.3348	.1382	3.312	.1668	2.047

#1	.4723	.1234	2.089	.9055	.9778	.9264	.1074	.4739	.4997
#2	.4713	.1270	2.082	.9069	.9716	.9283	.1071	.4754	.5003
#3	.4510	.1171	1.992	.8713	.9729	.9289	.1012	.4751	.4825

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7129.9	36572.	14353.
Stddev	170.2	39.	59.
%RSD	2.3871	.10566	.40925

#1	7022.8	36610.	14287.
#2	7040.8	36573.	14398.
#3	7326.2	36533.	14375.

Sample Name: L1926904-02,C Acquired: 6/27/2019 19:13:18 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0415	.0025	.0073	.0674	.0000	-.0004	22.14	.0001	.0025
Stddev	.0001	.0034	.0011	.0003	.0004	.0000	.0002	.08	.0000	.0002
%RSD	112.6	8.237	41.60	4.253	.6268	1302.	66.36	.3645	13.64	5.970

#1	.0001	.0419	.0031	.0073	.0671	-.0000	-.0003	22.23	.0001	.0026
#2	-.0000	.0379	.0013	.0075	.0679	.0000	-.0006	22.10	.0001	.0026
#3	.0001	.0448	.0031	.0069	.0673	.0000	-.0002	22.09	.0001	.0024

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0019	.0192	1.757	1.289	.2609	.0021	144.6	.0034	.0021
Stddev	.0001	.0001	.0009	.011	.005	.0006	.0005	1.3	.0002	.0014
%RSD	8.188	2.693	4.556	.6236	.3535	.2190	24.77	.8755	6.064	65.60

#1	.0017	.0019	.0185	1.744	1.293	.2613	.0026	145.7	.0036	.0005
#2	.0016	.0019	.0188	1.761	1.284	.2613	.0021	144.9	.0035	.0029
#3	.0019	.0018	.0202	1.764	1.289	.2603	.0015	143.2	.0032	.0028

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	.0003	1.420	-.0032	.0551	.0003	-.0023	.0004	.0179
Stddev	.0016	.0019	.049	.0002	.0001	.0001	.0002	.0001	.0006
%RSD	53.57	549.5	3.428	7.738	.2447	51.34	10.68	23.22	3.187

#1	.0046	.0021	1.452	-.0029	.0552	.0004	-.0023	.0004	.0183
#2	.0028	.0006	1.444	-.0032	.0550	.0001	-.0021	.0003	.0182
#3	.0014	-.0016	1.364	-.0034	.0551	.0003	-.0026	.0004	.0173

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7285.5	36707.	14469.
Stddev	216.7	362.	42.
%RSD	2.9745	.98635	.29246

#1	7137.9	36802.	14422.
#2	7184.3	37012.	14483.
#3	7534.3	36307.	14503.

Sample Name: L1926904-03,C Acquired: 6/27/2019 19:18:11 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0201	.0020	.0051	.0540	-.0000	-.0009	3.093	-.0000	.0005
Stddev	.0001	.0042	.0007	.0004	.0001	.0000	.0001	.006	.0000	.0001
%RSD	811.9	21.09	35.19	7.430	.1936	81.35	14.62	.1932	113.5	22.21
#1	-.0002	.0231	.0023	.0049	.0539	-.0000	-.0009	3.098	-.0000	.0004
#2	.0001	.0220	.0012	.0055	.0541	-.0001	-.0010	3.087	-.0000	.0006
#3	.0000	.0153	.0026	.0049	.0540	-.0001	-.0007	3.096	-.0001	.0005
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0010	.0107	1.632	.3726	.0646	.0004	148.5	.0015	.0033
Stddev	.0002	.0001	.0009	.021	.0036	.0001	.0001	.9	.0002	.0015
%RSD	16.30	4.997	8.144	1.312	.9745	.1813	18.95	.5934	10.63	46.80
#1	.0012	.0011	.0107	1.650	.3737	.0647	.0005	149.5	.0014	.0016
#2	.0009	.0010	.0098	1.608	.3755	.0646	.0003	148.1	.0017	.0047
#3	.0012	.0010	.0115	1.637	.3685	.0644	.0003	148.0	.0014	.0036
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0001	.0003	.2392	-.0039	.0188	.0001	.0007	.0003	.0039	
Stddev	.0006	.0007	.0069	.0005	.0001	.0001	.0003	.0000	.0001	
%RSD	856.8	232.4	2.864	13.18	.3044	42.41	37.69	17.57	2.907	
#1	-.0001	-.0005	.2429	-.0043	.0188	.0001	.0010	.0003	.0040	
#2	.0006	.0009	.2434	-.0042	.0187	.0002	.0007	.0002	.0039	
#3	-.0007	.0005	.2313	-.0033	.0188	.0002	.0005	.0003	.0038	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7303.5	37061.	14401.							
Stddev	184.4	42.	50.							
%RSD	2.5253	.11443	.34674							
#1	7203.8	37042.	14348.							
#2	7190.3	37109.	14407.							
#3	7516.3	37031.	14447.							

Sample Name: CCV Acquired: 6/27/2019 19:23:06 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5029	.5260	.5369	.5049	.5068	.5122	-.0020	.5185	.5028	.4954
Stddev	.0003	.0014	.0122	.0107	.0009	.0010	.0007	.0061	.0086	.0092
%RSD	.0691	.2737	2.269	2.116	.1874	.2021	36.00	1.182	1.720	1.859

#1	.5027	.5276	.5449	.5110	.5063	.5129	-.0012	.5251	.5078	.5007
#2	.5033	.5249	.5429	.5110	.5079	.5127	-.0026	.5173	.5078	.5008
#3	.5027	.5254	.5229	.4925	.5061	.5110	-.0021	.5130	.4928	.4848

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5081	.5004	.5088	4.665	.5380	.4912	.4936	10.07	.5119	.5230
Stddev	.0011	.0012	.0014	.019	.0015	.0009	.0091	.00	.0100	.0095
%RSD	.2154	.2476	.2732	.4031	.2815	.1928	1.847	.0399	1.947	1.816

#1	.5091	.4994	.5096	4.686	.5391	.4913	.4989	10.06	.5185	.5288
#2	.5084	.5018	.5072	4.651	.5386	.4921	.4988	10.07	.5166	.5281
#3	.5069	.5001	.5096	4.657	.5363	.4902	.4830	10.06	.5004	.5120

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048	.5027	5.417	.4972	.4987	.5070	.5031	.5167	.5197
Stddev	.0089	.0118	.111	.0086	.0007	.0006	.0095	.0013	.0088
%RSD	1.763	2.349	2.054	1.734	.1430	.1130	1.892	.2423	1.693

#1	.5080	.5097	5.488	.5024	.4980	.5068	.5084	.5154	.5249
#2	.5117	.5094	5.475	.5018	.4994	.5077	.5087	.5179	.5247
#3	.4947	.4891	5.289	.4872	.4985	.5066	.4921	.5167	.5095

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7621.7	39421.	14788.
Stddev	133.3	79.	31.
%RSD	1.7495	.19954	.20636

#1	7533.8	39491.	14759.
#2	7556.1	39336.	14784.
#3	7775.1	39437.	14820.

Sample Name: CCB Acquired: 6/27/2019 19:27:38 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0016	.0021	.0019	.0003	.0001	-.0001	.0059	.0000	.0001
Stddev	.0001	.0022	.0003	.0000	.0000	.0000	.0001	.0006	.0000	.0000
%RSD	37.97	132.7	16.63	.8825	11.63	18.71	214.1	9.564	67.56	40.68

#1	.0001	.0003	.0021	.0019	.0003	.0001	.0001	.0058	.0001	.0001
#2	.0002	.0042	.0017	.0020	.0003	.0001	-.0000	.0054	.0000	.0001
#3	.0002	.0004	.0024	.0019	.0003	.0002	-.0002	.0065	.0001	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0001	.0019	-.4393	.0002	.0003	.0013	-.0755	.0005	.0004
Stddev	.0002	.0001	.0003	.0140	.0035	.0002	.0003	.0029	.0002	.0012
%RSD	36.67	210.2	14.76	3.198	2000.	68.01	24.46	3.782	33.58	266.8

#1	.0006	.0001	.0022	-.4397	.0042	.0001	.0016	-.0755	.0007	-.0004
#2	.0007	-.0001	.0016	-.4531	-.0015	.0003	.0013	-.0726	.0004	.0000
#3	.0003	.0002	.0020	-.4250	-.0022	.0005	.0010	-.0783	.0004	.0018

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034	-.0003	.0012	-.0030	.0002	.0003	-.0016	.0002	.0005
Stddev	.0007	.0010	.0007	.0004	.0000	.0002	.0008	.0001	.0002
%RSD	20.00	284.5	58.05	13.45	21.56	72.00	51.78	63.00	36.86

#1	.0041	-.0014	.0020	-.0025	.0002	.0005	-.0012	.0003	.0006
#2	.0027	.0005	.0011	-.0031	.0002	.0002	-.0025	.0001	.0004
#3	.0034	-.0002	.0006	-.0033	.0002	.0001	-.0010	.0001	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7740.0	39829.	14761.
Stddev	248.5	63.	23.
%RSD	3.2100	.15840	.15848

#1	7586.3	39770.	14763.
#2	7607.1	39820.	14737.
#3	8026.6	39895.	14784.

Sample Name: L1926904-04,C Acquired: 6/27/2019 19:32:28 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0268	.0029	.0049	.0794	.0000	-.0000	7.377	.0002	.0036
Stddev	.0001	.0017	.0002	.0004	.0002	.0000	.0005	.029	.0000	.0002
%RSD	824.4	6.460	5.273	8.148	.2498	616.0	6564.	.3947	6.252	6.727
#1	.0001	.0276	.0029	.0054	.0792	-.0000	.0001	7.350	.0002	.0036
#2	.0000	.0279	.0028	.0048	.0796	-.0000	.0005	7.373	.0002	.0038
#3	-.0001	.0248	.0031	.0046	.0793	.0000	-.0006	7.408	.0002	.0034
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0015	.0125	2.416	2.276	.2836	.0006	145.1	.0033	.0041
Stddev	.0001	.0000	.0006	.016	.007	.0005	.0002	.7	.0002	.0004
%RSD	6.118	1.140	4.769	.6399	.3191	.1761	36.75	.4982	7.306	9.216
#1	.0014	.0015	.0130	2.407	2.273	.2832	.0009	144.3	.0036	.0040
#2	.0012	.0015	.0118	2.407	2.270	.2835	.0005	145.7	.0032	.0038
#3	.0012	.0015	.0126	2.434	2.284	.2842	.0004	145.3	.0032	.0046
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0010	-.0003	.3926	-.0027	.0380	.0002	-.0026	.0003	.0278	
Stddev	.0009	.0008	.0130	.0001	.0002	.0002	.0007	.0002	.0008	
%RSD	90.75	249.8	3.320	4.670	.5011	113.3	28.04	49.72	2.700	
#1	.0012	.0006	.3999	-.0027	.0378	.0002	-.0021	.0004	.0283	
#2	.0019	-.0009	.4003	-.0029	.0379	-.0000	-.0024	.0005	.0283	
#3	.0000	-.0007	.3775	-.0026	.0382	.0003	-.0035	.0001	.0270	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7244.0	36833.	14400.							
Stddev	207.5	27.	51.							
%RSD	2.8646	.07357	.35570							
#1	7117.5	36863.	14452.							
#2	7131.0	36823.	14397.							
#3	7483.5	36812.	14350.							

Sample Name: L1926904-05,C Acquired: 6/27/2019 19:37:21 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0208	.0027	.0041	.0520	-.0000	.0001	4.617	-.0000	.0010
Stddev	.0002	.0027	.0010	.0002	.0001	.0000	.0007	.027	.0000	.0000
%RSD	380.6	13.02	36.45	5.360	.2181	89.46	532.5	.5865	517.2	5.004

#1	.0000	.0230	.0015	.0041	.0520	-.0000	.0008	4.589	-.0000	.0009
#2	-.0003	.0178	.0033	.0043	.0520	-.0001	.0002	4.643	-.0000	.0010
#3	.0001	.0216	.0032	.0038	.0522	-.0000	-.0006	4.618	.0000	.0010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0010	.0077	1.631	.3580	.0850	-.0000	144.2	.0018	.0015
Stddev	.0001	.0001	.0013	.010	.0017	.0002	.0000	1.2	.0003	.0003
%RSD	10.67	13.84	17.01	.6257	.4791	.2136	69.43	.8170	14.41	20.62

#1	.0012	.0009	.0063	1.630	.3562	.0848	-.0000	143.7	.0021	.0012
#2	.0014	.0009	.0079	1.642	.3596	.0852	-.0000	145.6	.0017	.0018
#3	.0012	.0011	.0090	1.621	.3581	.0851	-.0001	143.4	.0016	.0014

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0003	.2518	-.0032	.0262	-.0000	-.0001	.0002	.0040
Stddev	.0002	.0008	.0075	.0003	.0000	.0001	.0009	.0000	.0002
%RSD	45.52	276.4	2.997	10.50	.1606	1266.	707.8	14.17	5.587

#1	-.0003	.0011	.2558	-.0036	.0262	.0000	-.0008	.0002	.0042
#2	-.0006	.0001	.2566	-.0029	.0263	.0001	-.0006	.0001	.0041
#3	-.0003	-.0004	.2431	-.0033	.0262	-.0002	.0009	.0002	.0038

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7324.1	37046.	14426.
Stddev	198.2	149.	80.
%RSD	2.7054	.40136	.55202

#1	7216.3	36877.	14502.
#2	7203.2	37105.	14343.
#3	7552.8	37156.	14434.

Sample Name: L1926904-06,C Acquired: 6/27/2019 19:42:16 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0337	.0015	.0037	.0561	-.0000	-.0004	4.476	-.0000	.0018
Stddev	.0002	.0013	.0001	.0004	.0001	.0000	.0002	.006	.0000	.0001
%RSD	680.2	3.917	8.942	9.769	.1380	34.57	55.88	.1260	341.7	5.183

#1	-.0002	.0323	.0013	.0039	.0562	-.0000	-.0002	4.471	.0000	.0018
#2	.0001	.0337	.0016	.0038	.0560	-.0000	-.0007	4.482	-.0000	.0019
#3	.0001	.0350	.0016	.0032	.0560	-.0000	-.0004	4.476	.0000	.0017

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0008	.0241	2.619	.8994	.1684	-.0002	141.3	.0022	.0014
Stddev	.0001	.0002	.0005	.025	.0008	.0004	.0002	1.2	.0003	.0013
%RSD	8.314	28.26	2.183	.9598	.0922	.2380	136.6	.8501	14.11	92.99

#1	.0014	.0011	.0236	2.596	.8984	.1681	-.0002	140.5	.0022	.0004
#2	.0016	.0008	.0246	2.615	.9000	.1684	.0001	140.7	.0025	.0029
#3	.0015	.0006	.0240	2.645	.8996	.1689	-.0004	142.7	.0019	.0010

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	-.0014	.1879	-.0036	.0199	.0001	-.0003	.0002	.0056
Stddev	.0002	.0010	.0067	.0001	.0000	.0001	.0008	.0001	.0003
%RSD	17.71	72.87	3.564	2.979	.2295	183.8	267.8	24.27	4.572

#1	-.0010	-.0022	.1900	-.0036	.0199	.0000	.0004	.0002	.0058
#2	-.0011	-.0002	.1934	-.0038	.0200	.0002	-.0011	.0002	.0056
#3	-.0014	-.0019	.1804	-.0036	.0199	-.0000	-.0002	.0003	.0053

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7351.2	37176.	14437.
Stddev	190.1	19.	15.
%RSD	2.5858	.05053	.10587

#1	7240.2	37155.	14455.
#2	7242.8	37183.	14432.
#3	7570.7	37190.	14425.

Sample Name: L1926904-07,C Acquired: 6/27/2019 19:47:10 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0456	.0019	.0034	.0539	-.0000	-.0002	6.011	-.0000	.0021
Stddev	.0001	.0003	.0005	.0005	.0002	.0000	.0004	.030	.0000	.0001
%RSD	1120.	.6899	29.10	13.42	.3794	25.46	173.3	.5024	372.4	3.908

#1	.0001	.0452	.0024	.0037	.0536	-.0000	.0002	5.978	.0000	.0021
#2	-.0002	.0458	.0018	.0036	.0540	-.0000	-.0005	6.019	.0000	.0022
#3	.0000	.0458	.0013	.0029	.0540	-.0000	-.0003	6.037	-.0000	.0020

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0006	.0290	2.178	.7325	.1540	-.0003	138.9	.0028	.0016
Stddev	.0001	.0001	.0011	.016	.0081	.0002	.0000	1.3	.0003	.0010
%RSD	4.800	16.92	3.957	.7155	1.099	.1263	2.732	.9393	10.62	61.27

#1	.0014	.0006	.0280	2.192	.7232	.1538	-.0003	137.7	.0031	.0005
#2	.0015	.0007	.0288	2.161	.7371	.1540	-.0003	140.3	.0029	.0023
#3	.0015	.0005	.0303	2.182	.7371	.1541	-.0003	138.7	.0025	.0022

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	.0003	.1104	-.0038	.0224	-.0002	.0001	.0001	.0039
Stddev	.0007	.0010	.0038	.0003	.0001	.0001	.0010	.0000	.0002
%RSD	50.75	349.1	3.472	7.301	.3338	54.09	1328.	15.47	6.239

#1	-.0022	.0003	.1131	-.0040	.0225	-.0003	-.0002	.0001	.0040
#2	-.0008	-.0007	.1122	-.0038	.0224	-.0001	.0012	.0001	.0041
#3	-.0012	.0014	.1060	-.0035	.0224	-.0002	-.0008	.0001	.0036

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7364.1	37241.	14400.
Stddev	220.2	56.	64.
%RSD	2.9901	.15029	.44302

#1	7233.3	37285.	14470.
#2	7240.7	37259.	14385.
#3	7618.4	37178.	14345.

Sample Name: L1926904-08,C Acquired: 6/27/2019 19:52:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0374	.0026	.0064	.0442	-.0001	-.0005	1.713	-.0000	.0016
Stddev	.0003	.0025	.0003	.0004	.0001	.0000	.0003	.012	.0000	.0001
%RSD	692.5	6.806	10.34	6.283	.2623	43.85	51.92	.6715	52.49	3.539

#1	.0002	.0401	.0026	.0062	.0442	-.0000	-.0002	1.701	-.0001	.0016
#2	.0002	.0371	.0029	.0069	.0441	-.0001	-.0007	1.724	-.0000	.0016
#3	-.0003	.0350	.0023	.0062	.0443	-.0000	-.0007	1.714	-.0000	.0015

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0007	.0206	2.087	.6829	.1332	-.0004	138.7	.0026	.0019
Stddev	.0003	.0001	.0005	.032	.0029	.0004	.0001	1.5	.0002	.0005
%RSD	25.16	14.71	2.280	1.533	.4296	.3208	33.64	1.108	6.297	28.34

#1	.0009	.0009	.0201	2.051	.6797	.1327	-.0005	137.0	.0027	.0016
#2	.0009	.0007	.0207	2.112	.6834	.1336	-.0003	139.5	.0026	.0026
#3	.0014	.0007	.0210	2.097	.6855	.1332	-.0003	139.8	.0024	.0016

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0019	.0000	.1083	-.0034	.0134	-.0000	.0001	.0001	.0031
Stddev	.0008	.0007	.0041	.0003	.0001	.0001	.0008	.0002	.0001
%RSD	41.48	3128.	3.783	9.398	.5252	554.7	681.5	114.1	3.760

#1	-.0021	.0008	.1108	-.0037	.0133	.0001	.0011	.0002	.0032
#2	-.0026	-.0001	.1104	-.0033	.0135	-.0001	-.0003	.0003	.0032
#3	-.0010	-.0006	.1036	-.0031	.0133	-.0001	-.0004	-.0000	.0030

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7367.1	37232.	14499.
Stddev	228.5	41.	33.
%RSD	3.1022	.10910	.22941

#1	7239.7	37278.	14537.
#2	7230.8	37214.	14484.
#3	7631.0	37203.	14476.

Sample Name: L1926904-09,C Acquired: 6/27/2019 19:57:01 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0231	.0025	.0034	.0468	-.0001	-.0002	3.212	-.0000	.0009
Stddev	.0000	.0030	.0003	.0006	.0001	.0000	.0002	.013	.0000	.0000
%RSD	40.52	12.84	12.06	18.33	.3037	23.59	105.1	.3965	40.14	5.198

#1	-.0001	.0215	.0023	.0038	.0470	-.0000	-.0004	3.200	-.0000	.0010
#2	-.0000	.0214	.0029	.0038	.0467	-.0001	.0000	3.225	-.0000	.0009
#3	-.0001	.0266	.0025	.0027	.0467	-.0001	-.0003	3.212	-.0000	.0009

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0008	.0081	1.457	.5106	.0800	-.0003	145.3	.0018	.0014
Stddev	.0002	.0001	.0005	.004	.0036	.0005	.0001	1.2	.0001	.0004
%RSD	14.75	11.01	6.483	.2459	.7098	.6380	15.38	.8584	5.046	32.42

#1	.0011	.0008	.0076	1.461	.5092	.0803	-.0003	144.5	.0019	.0009
#2	.0014	.0007	.0087	1.456	.5147	.0802	-.0003	146.7	.0017	.0014
#3	.0015	.0008	.0082	1.455	.5078	.0794	-.0004	144.6	.0017	.0018

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	.0004	.1718	-.0031	.0160	-.0001	-.0007	.0001	.0087
Stddev	.0005	.0012	.0087	.0003	.0000	.0001	.0007	.0000	.0004
%RSD	38.75	280.4	5.061	9.066	.2335	157.8	96.66	32.55	4.141

#1	-.0009	.0018	.1764	-.0034	.0160	-.0001	-.0015	.0001	.0090
#2	-.0014	-.0002	.1771	-.0029	.0159	.0000	-.0005	.0001	.0088
#3	-.0020	-.0004	.1617	-.0030	.0160	-.0001	-.0002	.0002	.0083

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7346.8	37022.	14354.
Stddev	240.1	20.	75.
%RSD	3.2687	.05528	.52373

#1	7202.5	37045.	14389.
#2	7213.9	37006.	14268.
#3	7624.0	37015.	14405.

Sample Name: L1926904-10,C Acquired: 6/27/2019 20:01:57 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0416	.0016	.0034	.0780	-.0000	-.0006	5.787	.0000	.0049
Stddev	.0001	.0011	.0006	.0003	.0003	.0000	.0001	.014	.0000	.0001
%RSD	418.8	2.608	36.28	7.497	.4112	16.00	20.69	.2439	177.4	2.884

#1	-.0001	.0413	.0009	.0037	.0780	-.0000	-.0006	5.778	-.0000	.0050
#2	.0001	.0428	.0019	.0035	.0777	-.0000	-.0005	5.803	.0000	.0049
#3	-.0001	.0407	.0020	.0032	.0783	-.0000	-.0008	5.779	.0001	.0048

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0013	.0264	2.750	1.913	.2986	-.0004	144.7	.0042	.0016
Stddev	.0002	.0001	.0017	.011	.005	.0010	.0000	1.1	.0000	.0007
%RSD	16.18	6.724	6.446	.4042	.2537	.3300	9.703	.7661	.4432	47.11

#1	.0015	.0014	.0245	2.743	1.919	.2974	-.0004	145.8	.0042	.0010
#2	.0012	.0013	.0277	2.763	1.910	.2990	-.0004	143.5	.0042	.0024
#3	.0016	.0012	.0271	2.743	1.911	.2993	-.0004	144.8	.0042	.0013

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0005	.2847	-.0037	.0195	-.0002	.0001	.0002	.0252
Stddev	.0006	.0010	.0093	.0004	.0001	.0000	.0004	.0001	.0008
%RSD	52.67	181.5	3.278	9.921	.4252	23.48	317.6	35.07	3.238

#1	-.0013	-.0005	.2917	-.0040	.0194	-.0002	-.0003	.0003	.0257
#2	-.0016	.0014	.2882	-.0038	.0196	-.0001	.0004	.0002	.0256
#3	-.0005	.0008	.2741	-.0033	.0195	-.0001	.0003	.0001	.0243

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7315.5	37080.	14331.
Stddev	184.9	15.	15.
%RSD	2.5275	.03945	.10383

#1	7206.1	37063.	14319.
#2	7211.5	37084.	14325.
#3	7529.0	37092.	14348.

Sample Name: L1926904-11,C Acquired: 6/27/2019 20:06:51 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0439	.0027	.0034	.0739	-.0000	-.0006	5.833	.0000	.0050
Stddev	.0000	.0027	.0003	.0001	.0002	.0000	.0003	.029	.0000	.0001
%RSD	22.00	6.222	10.52	2.878	.2671	53.15	53.63	.4987	11.70	2.640

#1	-.0002	.0471	.0024	.0033	.0737	-.0001	-.0004	5.864	.0000	.0051
#2	-.0003	.0424	.0027	.0035	.0739	-.0001	-.0005	5.806	.0000	.0051
#3	-.0002	.0423	.0030	.0034	.0741	-.0000	-.0010	5.829	.0000	.0049

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0024	.0288	2.657	1.449	.3192	-.0002	144.6	.0040	.0043
Stddev	.0004	.0002	.0006	.016	.005	.0003	.0001	.7	.0002	.0004
%RSD	32.18	6.576	2.149	.5937	.3328	.0935	64.64	.4804	3.857	8.738

#1	.0012	.0023	.0282	2.640	1.455	.3196	-.0001	145.3	.0039	.0039
#2	.0019	.0025	.0288	2.659	1.446	.3190	-.0004	144.5	.0042	.0045
#3	.0011	.0023	.0295	2.671	1.447	.3192	-.0002	143.9	.0039	.0046

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	-.0002	.3335	-.0040	.0229	-.0001	-.0001	.0003	.0313
Stddev	.0009	.0006	.0121	.0004	.0001	.0001	.0002	.0002	.0009
%RSD	58.33	260.2	3.632	10.63	.3407	104.4	215.2	79.02	2.853

#1	-.0014	.0004	.3413	-.0039	.0229	-.0002	.0001	.0001	.0318
#2	-.0024	-.0003	.3396	-.0044	.0229	.0000	-.0001	.0005	.0319
#3	-.0007	-.0008	.3196	-.0036	.0228	-.0002	-.0002	.0002	.0303

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7361.3	37057.	14299.
Stddev	213.9	59.	65.
%RSD	2.9054	.15965	.45261

#1	7236.8	37043.	14230.
#2	7238.9	37006.	14358.
#3	7608.3	37122.	14308.

Sample Name: L1926904-12,C Acquired: 6/27/2019 20:11:44 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0293	.0020	.0044	.0521	-.0000	-.0003	5.722	-.0000	.0013
Stddev	.0001	.0025	.0013	.0004	.0001	.0000	.0008	.023	.0000	.0000
%RSD	70.43	8.628	64.46	9.471	.2450	50.73	263.2	.3967	62.93	2.511
#1	-.0002	.0279	.0017	.0048	.0522	-.0000	-.0009	5.697	-.0000	.0013
#2	-.0002	.0322	.0035	.0043	.0520	-.0000	.0006	5.727	-.0001	.0013
#3	-.0000	.0278	.0009	.0040	.0522	-.0000	-.0005	5.742	-.0000	.0013
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0008	.0109	1.592	.5899	.1044	-.0004	140.9	.0018	.0013
Stddev	.0004	.0000	.0005	.010	.0014	.0010	.0001	.9	.0001	.0002
%RSD	29.10	1.783	5.009	.6116	.2393	.9368	36.95	.6708	3.587	13.37
#1	.0019	.0008	.0112	1.582	.5882	.1033	-.0002	139.8	.0018	.0011
#2	.0014	.0008	.0112	1.600	.5907	.1047	-.0004	141.3	.0019	.0012
#3	.0010	.0008	.0103	1.595	.5907	.1051	-.0005	141.6	.0017	.0014
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0015	-.0008	.2680	-.0038	.0183	-.0001	.0004	.0002	.0114	
Stddev	.0003	.0006	.0093	.0002	.0000	.0001	.0007	.0002	.0004	
%RSD	20.26	73.78	3.456	6.622	.0934	51.04	191.6	107.2	3.129	
#1	-.0016	-.0013	.2742	-.0036	.0183	-.0002	-.0004	.0001	.0115	
#2	-.0017	-.0001	.2724	-.0036	.0183	-.0001	.0011	.0003	.0116	
#3	-.0011	-.0010	.2574	-.0041	.0183	-.0001	.0004	.0000	.0109	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7418.7	37381.	14437.							
Stddev	200.5	33.	68.							
%RSD	2.7028	.08840	.47193							
#1	7299.5	37370.	14495.							
#2	7306.4	37354.	14454.							
#3	7650.2	37418.	14362.							

Sample Name: L1926904-13,C Acquired: 6/27/2019 20:16:38 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0383	.0029	.0027	.0678	-.0000	-.0005	3.843	-.0000	.0037
Stddev	.0002	.0052	.0006	.0003	.0001	.0000	.0004	.020	.0000	.0001
%RSD	1224.	13.52	19.81	10.46	.1075	42.76	79.60	.5064	3448.	3.453

#1	.0002	.0442	.0034	.0026	.0678	-.0000	-.0009	3.865	-.0000	.0038
#2	-.0001	.0363	.0030	.0031	.0678	-.0000	-.0003	3.827	-.0000	.0038
#3	-.0001	.0345	.0022	.0025	.0677	-.0000	-.0002	3.837	.0000	.0036

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0009	.0140	2.332	1.110	.2483	-.0006	142.8	.0036	.0018
Stddev	.0001	.0001	.0008	.007	.001	.0008	.0001	.7	.0001	.0008
%RSD	5.190	11.41	5.482	.2825	.0769	.3128	14.58	.4655	2.178	45.91

#1	.0014	.0010	.0139	2.328	1.110	.2490	-.0005	143.0	.0037	.0020
#2	.0014	.0009	.0148	2.340	1.109	.2486	-.0007	142.1	.0036	.0009
#3	.0013	.0008	.0133	2.328	1.111	.2475	-.0005	143.4	.0036	.0024

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	-.0002	.2850	-.0039	.0135	-.0001	-.0001	.0002	.0089
Stddev	.0006	.0005	.0096	.0003	.0001	.0001	.0003	.0001	.0003
%RSD	61.68	204.7	3.353	8.445	.5250	52.50	297.5	60.53	3.573

#1	-.0018	.0003	.2904	-.0040	.0135	-.0002	-.0004	.0001	.0091
#2	-.0006	-.0003	.2906	-.0035	.0136	-.0001	.0002	.0002	.0090
#3	-.0007	-.0007	.2740	-.0041	.0134	-.0002	-.0001	.0003	.0085

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7411.2	37343.	14366.
Stddev	191.9	28.	59.
%RSD	2.5895	.07398	.40744

#1	7305.0	37315.	14303.
#2	7295.9	37344.	14419.
#3	7632.8	37370.	14377.

Sample Name: CCV Acquired: 6/27/2019 20:21:32 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5026	.5295	.5378	.5046	.5035	.5133	-.0019	.5167	.5074	.4998
Stddev	.0017	.0050	.0116	.0116	.0004	.0006	.0004	.0032	.0101	.0110
%RSD	.3390	.9380	2.162	2.298	.0743	.1151	23.17	.6192	1.989	2.208
#1	.5010	.5352	.5467	.5131	.5030	.5133	-.0018	.5173	.5150	.5084
#2	.5022	.5266	.5420	.5093	.5036	.5139	-.0015	.5195	.5112	.5037
#3	.5044	.5267	.5246	.4914	.5037	.5127	-.0024	.5132	.4960	.4874

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5111	.4948	.5067	4.672	.5389	.4877	.4923	10.02	.5128	.5251
Stddev	.0030	.0012	.0012	.017	.0035	.0008	.0103	.03	.0110	.0099
%RSD	.5954	.2474	.2272	.3698	.6503	.1666	2.083	.2588	2.145	1.880
#1	.5082	.4945	.5066	4.685	.5365	.4887	.5005	10.04	.5211	.5321
#2	.5108	.4938	.5055	4.679	.5373	.4874	.4955	10.01	.5170	.5295
#3	.5142	.4962	.5078	4.653	.5429	.4871	.4808	9.991	.5004	.5138

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5062	.5050	5.423	.4990	.4956	.5045	.5071	.5173	.5255
Stddev	.0099	.0111	.124	.0108	.0003	.0015	.0119	.0014	.0103
%RSD	1.964	2.205	2.295	2.170	.0554	.3029	2.356	.2676	1.967
#1	.5131	.5135	5.523	.5073	.4959	.5029	.5172	.5160	.5331
#2	.5108	.5091	5.462	.5030	.4955	.5045	.5102	.5173	.5298
#3	.4948	.4924	5.284	.4868	.4954	.5060	.4939	.5188	.5138

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7657.9	39574.	14881.
Stddev	153.8	82.	61.
%RSD	2.0084	.20645	.40908
#1	7530.6	39625.	14858.
#2	7614.3	39616.	14835.
#3	7828.8	39479.	14950.

Sample Name: CCB Acquired: 6/27/2019 20:26:04 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0008	.0018	.0008	.0003	.0001	-.0005	.0035	.0001	.0001
Stddev	.0001	.0040	.0004	.0003	.0002	.0000	.0004	.0034	.0000	.0001
%RSD	87.52	490.2	21.22	41.23	50.26	13.26	96.56	98.10	43.99	72.97
#1	.0002	-.0031	.0015	.0009	.0005	.0001	-.0003	-.0003	.0001	.0002
#2	.0001	.0038	.0018	.0010	.0002	.0001	-.0010	.0045	.0000	.0001
#3	.0000	-.0031	.0023	.0004	.0003	.0001	-.0002	.0062	.0000	.0000

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0001	.0019	-.4190	.0013	.0003	.0010	-.0592	.0005	.0005
Stddev	.0002	.0001	.0004	.0115	.0012	.0002	.0002	.0031	.0001	.0003
%RSD	74.10	58.47	19.30	2.737	94.28	65.00	19.37	5.299	21.70	51.82
#1	.0006	-.0002	.0023	-.4195	.0022	.0004	.0012	-.0567	.0004	.0002
#2	.0002	-.0002	.0016	-.4302	-.0001	.0003	.0011	-.0627	.0006	.0007
#3	.0001	-.0001	.0018	-.4073	.0017	.0001	.0008	-.0581	.0005	.0006

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	-.0003	-.0004	-.0029	.0001	.0002	.0003	.0002	.0003
Stddev	.0013	.0007	.0009	.0003	.0000	.0001	.0007	.0002	.0000
%RSD	32.77	221.0	230.0	10.00	16.07	42.15	205.9	134.0	7.549
#1	.0052	-.0009	.0003	-.0027	.0001	.0003	.0009	.0004	.0003
#2	.0036	-.0006	-.0001	-.0027	.0002	.0002	.0005	.0001	.0003
#3	.0027	.0005	-.0013	-.0032	.0001	.0001	-.0004	.0000	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7820.9	40249.	14843.
Stddev	259.2	36.	70.
%RSD	3.3139	.08981	.46905
#1	7665.3	40280.	14785.
#2	7677.3	40209.	14824.
#3	8120.1	40259.	14921.

Sample Name: WG1253825-6,C,5 Acquired: 6/27/2019 20:30:53 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0048	.0021	.0022	.0190	-.0000	-.0007	6.397	.0000	.0009
Stddev	.0001	.0011	.0008	.0005	.0001	.0000	.0006	.019	.0000	.0001
%RSD	231.2	22.74	39.56	23.21	.4843	5.053	84.94	.3017	434.6	7.491

#1	.0001	.0036	.0024	.0028	.0191	-.0000	-.0006	6.416	.0000	.0009
#2	-.0001	.0055	.0028	.0018	.0190	-.0000	-.0013	6.398	-.0000	.0009
#3	.0001	.0055	.0012	.0020	.0189	-.0000	-.0002	6.377	.0000	.0008

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0001	.0096	.0564	.8940	.0813	.0001	29.14	.0008	.0012
Stddev	.0001	.0000	.0012	.0111	.0047	.0005	.0001	.01	.0002	.0004
%RSD	67.88	19.48	12.22	19.63	.5288	.6335	140.5	.0418	25.09	37.80

#1	.0003	-.0002	.0109	.0669	.8990	.0818	.0002	29.15	.0009	.0010
#2	.0003	-.0001	.0088	.0576	.8896	.0808	-.0000	29.14	.0005	.0017
#3	.0000	-.0001	.0090	.0448	.8934	.0814	.0000	29.13	.0008	.0008

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0000	.3681	-.0034	.0139	-.0001	-.0004	-.0000	.0029
Stddev	.0003	.0010	.0134	.0002	.0001	.0003	.0008	.0001	.0002
%RSD	28.34	2549.	3.639	5.317	.5613	515.5	177.4	664.5	6.979

#1	.0012	-.0000	.3779	-.0033	.0139	-.0004	-.0006	-.0001	.0031
#2	.0009	.0010	.3736	-.0035	.0140	.0002	-.0012	.0001	.0028
#3	.0016	-.0009	.3528	-.0036	.0140	.0000	.0004	-.0001	.0027

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7615.3	38852.	14545.
Stddev	229.4	26.	76.
%RSD	3.0120	.06638	.52339

#1	7450.2	38857.	14471.
#2	7518.5	38824.	14540.
#3	7877.2	38875.	14623.

Sample Name: CCV Acquired: 6/27/2019 20:40:22 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5015	.5248	.5356	.4996	.5033	.5120	-.0022	.5146	.5048	.4950
Stddev	.0008	.0023	.0109	.0115	.0005	.0013	.0004	.0041	.0095	.0105
%RSD	.1567	.4428	2.034	2.305	.0946	.2499	17.11	.7942	1.891	2.114

#1	.5023	.5223	.5414	.5068	.5027	.5110	-.0024	.5099	.5113	.5016
#2	.5008	.5269	.5424	.5056	.5036	.5135	-.0017	.5170	.5092	.5005
#3	.5015	.5250	.5231	.4863	.5035	.5116	-.0023	.5168	.4938	.4830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5120	.4932	.5048	4.653	.5495	.4870	.4891	9.934	.5099	.5228
Stddev	.0007	.0008	.0018	.025	.0021	.0021	.0096	.036	.0106	.0108
%RSD	.1336	.1686	.3500	.5389	.3851	.4353	1.972	.3634	2.072	2.068

#1	.5128	.4928	.5038	4.627	.5496	.4845	.4955	9.898	.5166	.5301
#2	.5118	.4926	.5068	4.677	.5516	.4883	.4938	9.970	.5154	.5279
#3	.5115	.4941	.5038	4.654	.5474	.4882	.4780	9.934	.4978	.5104

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5014	.4990	5.364	.4962	.4940	.5047	.5015	.5163	.5232
Stddev	.0096	.0117	.122	.0097	.0009	.0009	.0095	.0006	.0094
%RSD	1.909	2.355	2.268	1.954	.1864	.1845	1.887	.1141	1.791

#1	.5068	.5074	5.444	.5019	.4934	.5057	.5073	.5165	.5294
#2	.5070	.5039	5.424	.5017	.4950	.5038	.5066	.5156	.5277
#3	.4903	.4855	5.224	.4850	.4935	.5047	.4905	.5167	.5124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7739.7	39788.	14683.
Stddev	144.6	55.	52.
%RSD	1.8678	.13708	.35359

#1	7648.6	39774.	14741.
#2	7664.1	39848.	14666.
#3	7906.4	39742.	14641.

Sample Name: CCB Acquired: 6/27/2019 20:44:54 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0004	.0022	.0005	.0004	.0002	.0000	.0067	.0001	.0001
Stddev	.0001	.0015	.0005	.0001	.0001	.0000	.0002	.0016	.0000	.0000
%RSD	163.2	399.7	24.19	22.35	14.30	18.15	414.8	24.05	7.784	19.65

#1	-.0001	.0009	.0026	.0004	.0004	.0001	.0001	.0066	.0001	.0001
#2	.0002	.0000	.0016	.0005	.0003	.0002	.0001	.0084	.0001	.0001
#3	.0002	-.0020	.0025	.0006	.0004	.0002	-.0001	.0051	.0001	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0000	.0023	-.4826	.0006	.0004	.0012	-.0926	.0005	.0008
Stddev	.0001	.0000	.0014	.0081	.0006	.0001	.0003	.0030	.0002	.0010
%RSD	16.27	230.5	60.78	1.684	99.92	14.86	22.46	3.218	40.91	133.6

#1	.0005	-.0000	.0014	-.4892	.0013	.0005	.0015	-.0907	.0006	.0019
#2	.0005	-.0000	.0016	-.4852	.0005	.0004	.0013	-.0910	.0005	-.0001
#3	.0006	.0001	.0039	-.4735	.0001	.0004	.0010	-.0960	.0003	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042	-.0004	-.0008	-.0025	.0001	.0004	.0004	.0002	.0004
Stddev	.0011	.0010	.0002	.0002	.0000	.0002	.0005	.0002	.0000
%RSD	26.09	223.9	32.84	8.071	25.46	48.46	120.0	110.8	9.056

#1	.0048	.0007	-.0007	-.0025	.0001	.0004	.0001	.0001	.0005
#2	.0050	-.0012	-.0005	-.0022	.0002	.0005	.0010	.0004	.0004
#3	.0030	-.0007	-.0010	-.0026	.0002	.0002	.0001	.0001	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7875.8	40302.	14661.
Stddev	244.4	42.	68.
%RSD	3.1036	.10334	.46581

#1	7748.3	40312.	14625.
#2	7721.5	40337.	14740.
#3	8157.6	40256.	14619.

Sample Name: Std 0 Acquired: 6/27/2019 20:50:41 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0003	-.0001	-.0003	.0015	.0025	.0004	.0008	.0013	.0002	-.0000
Stddev	.0001	.0005	.0000	.0000	.0000	.0002	.0001	.0001	.0000	.0001
%RSD	39.94	354.5	10.79	2.795	1.458	48.06	11.98	8.223	13.74	9958.
#1	-.0002	.0004	-.0002	.0016	.0025	.0006	.0009	.0012	.0002	.0000
#2	-.0004	-.0004	-.0003	.0015	.0026	.0004	.0009	.0014	.0002	-.0001
#3	-.0003	-.0005	-.0003	.0015	.0025	.0002	.0007	.0012	.0001	.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0052	.0003	.0068	.0017	.0000	.0009	.0117	-.0000	-.0004
Stddev	.0001	.0001	.0001	.0005	.0003	.0001	.0001	.0006	.0001	.0001
%RSD	23.24	2.235	22.20	7.964	19.64	262.2	7.975	5.204	15620.	15.41
#1	.0004	.0053	.0003	.0072	.0014	-.0001	.0009	.0118	.0001	-.0004
#2	.0005	.0051	.0004	.0071	.0016	.0001	.0008	.0122	-.0000	-.0004
#3	.0003	.0054	.0002	.0062	.0021	.0001	.0008	.0110	-.0000	-.0003
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.0000	.0003	.0032	.0008	-.0001	.0005	-.0001	.0005	.0006	
Stddev	.0000	.0000	.0001	.0000	.0002	.0001	.0001	.0002	.0000	
%RSD	163.1	8.905	2.281	4.738	308.3	24.68	78.06	28.66	4.482	
#1	.0000	.0003	.0033	.0009	-.0001	.0006	-.0001	.0005	.0006	
#2	-.0000	.0003	.0032	.0008	.0002	.0005	-.0001	.0007	.0006	
#3	.0000	.0003	.0032	.0008	-.0002	.0004	-.0000	.0004	.0005	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7811.8	40388.	14674.							
Stddev	140.9	11.	54.							
%RSD	1.8037	.02815	.36544							
#1	7728.3	40377.	14705.							
#2	7732.7	40400.	14704.							
#3	7974.5	40388.	14612.							

Sample Name: Std 1 ICAL Acquired: 6/27/2019 20:55:27 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.8425	.1159	.0685	.3441	4.039	5.924	.2435	.0603	3.178	1.152
Stddev	.0010	.0007	.0009	.0045	.011	.007	.0033	.0005	.041	.015
%RSD	.1213	.5880	1.359	1.319	.2726	.1211	1.349	.7885	1.299	1.302

#1	.8436	.1166	.0691	.3464	4.047	5.932	.2455	.0606	3.197	1.159
#2	.8416	.1158	.0691	.3470	4.045	5.918	.2454	.0606	3.207	1.162
#3	.8424	.1152	.0675	.3388	4.027	5.923	.2397	.0598	3.131	1.135

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4182	.9548	.1116	.1168	.6268	.6521	.6529	.1774	.1205	.0562
Stddev	.0007	.0024	.0004	.0007	.0007	.0084	.0091	.0024	.0010	.0007
%RSD	.1786	.2494	.3416	.5770	.1090	1.284	1.393	1.375	.8002	1.281

#1	.4185	.9560	.1116	.1160	.6262	.6561	.6580	.1787	.1208	.0565
#2	.4188	.9521	.1113	.1173	.6266	.6576	.6584	.1790	.1213	.0567
#3	.4174	.9564	.1120	.1169	.6276	.6424	.6424	.1746	.1194	.0554

Elem	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1758	5.335	.9862	.1145	.7100	.8356
Stddev	.0024	.016	.0014	.0016	.0003	.0108
%RSD	1.343	.3074	.1400	1.368	.0463	1.290

#1	.1769	5.348	.9869	.1153	.7096	.8393
#2	.1774	5.341	.9871	.1155	.7101	.8440
#3	.1731	5.317	.9846	.1127	.7102	.8234

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7724.2	39953.	14610.
Stddev	86.3	19.	61.
%RSD	1.1178	.04723	.41419

#1	7677.6	39947.	14642.
#2	7671.2	39937.	14648.
#3	7823.8	39974.	14540.

Sample Name: Std 3 25 Fe K Na Si Acquired: 6/27/2019 20:59:54 Type: Cal
Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.894	2.751	1.321	4.499	1.585
Stddev	.005	.009	.001	.010	.042
%RSD	.1658	.3436	.0709	.2150	2.643

#1	2.899	2.761	1.322	4.504	1.608
#2	2.892	2.743	1.320	4.506	1.610
#3	2.890	2.749	1.321	4.488	1.537

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	7647.9	14620.
Stddev	159.2	67.
%RSD	2.0814	.45861

#1	7563.4	14563.
#2	7548.8	14694.
#3	7831.5	14604.

Sample Name: Std 2 10 Ca Mg Si Acquired: 6/27/2019 21:04:41 Type: Cal
 Method: Trace 6_E200.7_SW6010(v21) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
 Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.5850	1.191	.6998
Stddev	.0012	.004	.0213
%RSD	.2113	.2907	3.037

#1	.5837	1.188	.7116
#2	.5851	1.195	.7126
#3	.5862	1.191	.6753

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	7712.7	14687.
Stddev	192.2	71.
%RSD	2.4919	.48622

#1	7621.1	14767.
#2	7583.4	14664.
#3	7933.5	14630.

Sample Name: ICV Acquired: 6/27/2019 21:09:28 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4993	.5239	W .5404	.5080	.5035	.5150	-.0015	.5112	.4998	.4983
Stddev	.0008	.0056	.0090	.0095	.0021	.0029	.0009	.0077	.0071	.0082
%RSD	.1628	1.077	1.660	1.865	.4080	.5692	56.74	1.498	1.418	1.641

#1	.4998	.5297	.5436	.5130	.5022	.5144	-.0009	.5120	.5035	.5025
#2	.4998	.5237	.5473	.5139	.5059	.5182	-.0012	.5184	.5043	.5036
#3	.4984	.5184	.5303	.4971	.5024	.5124	-.0025	.5031	.4917	.4889

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5274							
Low Limit			.4726							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5045	.4971	.5185	4.924	.5135	.4971	.4959	9.891	.5124	.5224
Stddev	.0011	.0010	.0014	.024	.0038	.0038	.0084	.072	.0089	.0075
%RSD	.2163	.1928	.2730	.4951	.7423	.7562	1.694	.7237	1.732	1.431

#1	.5057	.4960	.5196	4.919	.5135	.4954	.4994	9.865	.5177	.5263
#2	.5044	.4974	.5190	4.950	.5173	.5014	.5019	9.972	.5174	.5271
#3	.5035	.4979	.5169	4.902	.5097	.4946	.4863	9.836	.5022	.5138

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5147	.5064	5.426	.4981	.4954	.5018	.5085	.5117	.5163
Stddev	.0085	.0079	.104	.0074	.0024	.0007	.0082	.0007	.0067
%RSD	1.651	1.570	1.913	1.491	.4820	.1302	1.615	.1393	1.302

#1	.5182	.5103	5.484	.5016	.4939	.5022	.5119	.5122	.5197
#2	.5209	.5116	5.488	.5032	.4981	.5021	.5145	.5120	.5206
#3	.5050	.4972	5.306	.4896	.4941	.5010	.4992	.5109	.5085

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7672.6	39539.	14510.
Stddev	130.1	17.	108.
%RSD	1.6957	.04368	.74575

#1	7604.1	39540.	14515.
#2	7591.0	39522.	14400.
#3	7822.6	39556.	14616.

Sample Name: ICB Acquired: 6/27/2019 21:14:00 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0023	.0016	-.0003	.0005	.0005	-.0005	.0003	.0003	.0004
Stddev	.0004	.0044	.0008	.0004	.0002	.0001	.0002	.0005	.0001	.0001
%RSD	64.39	191.0	51.11	137.2	32.64	16.09	48.42	160.7	24.22	13.86

#1	.0011	.0018	.0025	-.0004	.0004	.0004	-.0003	.0002	.0003	.0005
#2	.0004	-.0069	.0009	.0002	.0004	.0004	-.0007	.0009	.0003	.0004
#3	.0004	-.0018	.0014	-.0006	.0007	.0005	-.0005	-.0001	.0002	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0004	.0037	-.0381	.0028	.0005	.0013	-.0028	.0007	.0002
Stddev	.0003	.0001	.0006	.0107	.0025	.0001	.0004	.0021	.0000	.0014
%RSD	40.56	19.23	16.89	28.12	89.95	22.20	28.15	74.70	4.551	699.3

#1	.0008	.0005	.0037	-.0258	.0007	.0004	.0017	-.0031	.0007	-.0014
#2	.0004	.0004	.0031	-.0454	.0020	.0004	.0013	-.0047	.0007	.0013
#3	.0010	.0004	.0044	-.0430	.0056	.0006	.0009	-.0006	.0007	.0008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053	.0005	.0009	-.0026	.0004	.0006	-.0000	.0005	.0006
Stddev	.0007	.0012	.0010	.0003	.0001	.0003	.0004	.0002	.0000
%RSD	12.73	246.0	115.6	11.12	23.98	47.27	6774.	34.01	7.061

#1	.0058	-.0004	.0019	-.0025	.0003	.0008	-.0004	.0004	.0006
#2	.0055	-.0000	.0009	-.0030	.0005	.0003	-.0000	.0006	.0005
#3	.0045	.0019	-.0001	-.0024	.0005	.0006	.0004	.0003	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7851.2	40463.	14715.
Stddev	242.0	57.	44.
%RSD	3.0829	.14177	.29732

#1	7715.2	40508.	14751.
#2	7707.8	40398.	14728.
#3	8130.7	40482.	14666.

Sample Name: ICV Acquired: 6/27/2019 21:20:17 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5016	.5229	W .5362	.5112	.5053	.5135	-.0020	.5071	.4996	.4947
Stddev	.0009	.0029	.0093	.0110	.0065	.0054	.0003	.0045	.0083	.0101
%RSD	.1808	.5571	1.734	2.156	1.280	1.056	16.51	.8853	1.667	2.040

#1	.5006	.5215	.5427	.5174	.5025	.5112	-.0021	.5064	.5043	.5007
#2	.5022	.5209	.5403	.5177	.5007	.5096	-.0016	.5030	.5046	.5002
#3	.5021	.5263	.5255	.4985	.5127	.5197	-.0022	.5119	.4900	.4830

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit			.5274							
Low Limit			.4726							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5059	.4922	.5128	4.910	.5160	.4975	.4905	9.930	.5120	.5218
Stddev	.0026	.0010	.0028	.061	.0054	.0041	.0095	.132	.0097	.0091
%RSD	.5195	.1997	.5540	1.250	1.052	.8157	1.938	1.330	1.893	1.747

#1	.5043	.4933	.5124	4.882	.5105	.4973	.4953	9.891	.5175	.5275
#2	.5045	.4915	.5101	4.868	.5162	.4936	.4967	9.822	.5178	.5266
#3	.5089	.4918	.5158	4.980	.5214	.5017	.4796	10.08	.5009	.5113

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5073	.5077	5.409	.4984	.4894	.4986	.5071	.5078	.5163
Stddev	.0088	.0104	.121	.0082	.0060	.0011	.0107	.0009	.0082
%RSD	1.734	2.042	2.235	1.641	1.235	.2245	2.112	.1677	1.592

#1	.5115	.5153	5.478	.5024	.4867	.4987	.5148	.5082	.5212
#2	.5132	.5119	5.479	.5037	.4852	.4975	.5117	.5068	.5209
#3	.4972	.4959	5.269	.4889	.4963	.4997	.4949	.5084	.5068

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7737.2	39813.	14601.
Stddev	153.6	66.	106.
%RSD	1.9856	.16581	.72915

#1	7649.3	39787.	14619.
#2	7647.6	39888.	14697.
#3	7914.6	39763.	14487.

Sample Name: ICB Acquired: 6/27/2019 21:24:50 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0031	.0006	-.0006	.0002	.0001	.0001	-.0027	.0001	.0002
Stddev	.0001	.0025	.0006	.0005	.0001	.0000	.0003	.0028	.0000	.0001
%RSD	31.42	81.41	104.5	75.15	70.14	9.048	199.9	103.5	25.30	21.91

#1	.0002	-.0046	.0011	-.0001	.0003	.0001	.0005	-.0040	.0001	.0002
#2	.0002	-.0044	.0007	-.0008	.0001	.0001	.0000	-.0047	.0001	.0003
#3	.0001	-.0002	-.0001	-.0010	.0001	.0001	-.0001	.0005	.0002	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0001	.0029	-.0628	-.0002	-.0000	.0016	-.0190	.0006	-.0010
Stddev	.0001	.0001	.0004	.0097	.0031	.0001	.0004	.0021	.0000	.0008
%RSD	20.79	49.34	14.19	15.44	1628.	250.5	27.05	11.26	5.987	83.33

#1	.0008	.0002	.0025	-.0516	.0034	-.0000	.0021	-.0209	.0006	-.0010
#2	.0005	.0001	.0033	-.0690	-.0020	-.0002	.0015	-.0195	.0006	-.0018
#3	.0007	.0001	.0029	-.0677	-.0019	.0001	.0013	-.0167	.0007	-.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	.0002	-.0004	-.0020	.0000	.0002	.0000	-.0000	.0003
Stddev	.0014	.0006	.0005	.0003	.0000	.0000	.0003	.0001	.0001
%RSD	23.60	269.3	110.9	14.57	249.9	22.20	747.5	854.6	28.24

#1	.0069	.0009	-.0003	-.0018	.0001	.0002	-.0003	.0001	.0003
#2	.0064	.0001	-.0000	-.0017	.0000	.0003	.0002	-.0001	.0002
#3	.0043	-.0003	-.0010	-.0023	-.0000	.0002	.0002	-.0001	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7855.1	40491.	14707.
Stddev	229.6	49.	37.
%RSD	2.9231	.12056	.24961

#1	7716.1	40538.	14735.
#2	7729.1	40494.	14665.
#3	8120.1	40441.	14720.

Sample Name: WG1254058-1,T Acquired: 6/27/2019 21:29:39 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0006	.0004	-.0002	-.0001	.0000	-.0002	.0046	.0000	.0002
Stddev	.0001	.0007	.0007	.0003	.0001	.0000	.0007	.0015	.0000	.0002
%RSD	161.7	123.0	204.1	161.1	190.9	38.30	424.8	33.52	32.19	108.5

#1	.0000	.0006	.0004	-.0000	-.0000	.0000	-.0006	.0040	.0000	.0004
#2	-.0000	-.0001	.0010	-.0000	.0000	.0000	.0007	.0035	.0000	.0002
#3	.0002	.0012	-.0004	-.0005	-.0002	.0001	-.0006	.0064	.0000	-.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	-.0001	.0087	.1250	-.0007	.0003	.0000	.0467	.0006	.0000
Stddev	.0002	.0001	.0009	.0109	.0010	.0002	.0001	.0034	.0001	.0003
%RSD	12.53	174.6	10.84	8.749	139.2	65.11	1791.	7.202	15.56	1908.

#1	.0016	-.0000	.0080	.1125	-.0010	.0001	.0001	.0499	.0006	.0001
#2	.0012	-.0002	.0098	.1329	.0004	.0003	-.0000	.0470	.0007	-.0003
#3	.0014	.0000	.0084	.1295	-.0016	.0005	-.0001	.0432	.0005	.0003

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	-.0012	.0074	-.0021	.0001	-.0000	-.0001	-.0000	.0002
Stddev	.0003	.0002	.0003	.0003	.0000	.0000	.0008	.0000	.0001
%RSD	12.78	18.09	3.590	13.45	28.07	329.0	844.2	449.7	64.74

#1	.0024	-.0011	.0075	-.0019	.0002	.0000	-.0002	-.0000	.0003
#2	.0019	-.0010	.0077	-.0020	.0001	-.0000	.0008	.0000	.0003
#3	.0020	-.0014	.0071	-.0025	.0001	-.0000	-.0008	-.0001	.0001

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7798.8	40286.	14735.
Stddev	209.2	35.	27.
%RSD	2.6823	.08591	.18003

#1	7683.8	40285.	14708.
#2	7672.4	40252.	14761.
#3	8040.3	40321.	14735.

Sample Name: WG1254058-2,T,2 Acquired: 6/27/2019 21:34:27 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176	23.78	.5384	.6175	1.418	.6687	-.0066	17.15	.2159	.7077
Stddev	.0002	.05	.0065	.0098	.003	.0025	.0008	.09	.0025	.0102
%RSD	.1523	.2170	1.205	1.582	.2216	.3775	11.54	.5047	1.146	1.442

#1	.1177	23.75	.5395	.6204	1.416	.6671	-.0060	17.06	.2169	.7112
#2	.1174	23.76	.5442	.6256	1.417	.6675	-.0064	17.15	.2178	.7157
#3	.1178	23.84	.5314	.6066	1.422	.6716	-.0074	17.23	.2131	.6962

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3519	.2208	51.89	6.771	7.670	1.342	.3988	5.432	.4135	.4319
Stddev	.0010	.0003	.24	.012	.007	.006	.0055	.025	.0057	.0049
%RSD	.2930	.1179	.4579	.1769	.0972	.4593	1.380	.4617	1.385	1.143

#1	.3512	.2207	51.65	6.759	7.664	1.336	.4000	5.424	.4152	.4337
#2	.3531	.2207	51.88	6.783	7.678	1.342	.4036	5.412	.4183	.4357
#3	.3514	.2211	52.13	6.770	7.669	1.348	.3928	5.460	.4072	.4263

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9507	.2903	4.940	.3781	.3559	1.386	.4189	.2926	.8881
Stddev	.0137	.0056	.227	.0046	.0014	.007	.0058	.0002	.0092
%RSD	1.441	1.943	4.598	1.222	.3847	.5408	1.377	.0734	1.038

#1	.9541	.2908	5.035	.3795	.3549	1.394	.4212	.2929	.8926
#2	.9623	.2957	5.104	.3819	.3553	1.379	.4232	.2925	.8943
#3	.9356	.2845	4.681	.3730	.3575	1.384	.4123	.2925	.8775

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7809.1	40388.	15043.
Stddev	132.0	29.	32.
%RSD	1.6897	.07100	.20962

#1	7753.1	40415.	15079.
#2	7714.5	40392.	15022.
#3	7959.9	40358.	15027.

Sample Name: L1927796-02,T Acquired: 6/27/2019 21:38:57 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	141.0	.2025	.2299	2.177	.0239	.0056	1088.	.0243	.1650
Stddev	.0001	.0	.0053	.0055	.017	.0001	.0009	5.	.0005	.0032
%RSD	8.065	.0259	2.608	2.411	.7874	.2466	15.33	.4341	1.949	1.958

#1	.0020	141.1	.2056	.2331	2.180	.0239	.0050	1093.	.0245	.1668
#2	.0017	141.0	.2056	.2331	2.159	.0239	.0065	1085.	.0246	.1669
#3	.0018	141.1	.1964	.2235	2.193	.0240	.0052	1086.	.0237	.1613

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1921	1.032	256.9	14.55	82.32	8.086	.0221	9.442	.3319	1.072
Stddev	.0014	.004	2.2	.03	.59	.025	.0004	.003	.0063	.021
%RSD	.7429	.3560	.8501	.1920	.7112	.3086	1.756	.0262	1.895	1.999

#1	.1933	1.030	259.2	14.54	82.91	8.095	.0223	9.443	.3360	1.084
#2	.1923	1.030	256.6	14.58	82.33	8.058	.0224	9.439	.3350	1.084
#3	.1905	1.036	254.9	14.53	81.74	8.105	.0217	9.443	.3246	1.047

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299	.0299	29.80	.0489	2.013	3.210	-.0061	.1893	8.976
Stddev	.0005	.0012	.99	.0010	.017	.010	.0003	.0005	.164
%RSD	1.659	4.063	3.318	2.082	.8462	.2998	5.042	.2457	1.822

#1	.0295	.0309	30.23	.0497	2.031	3.215	-.0058	.1895	9.084
#2	.0305	.0285	30.50	.0493	2.012	3.216	-.0063	.1895	9.057
#3	.0299	.0302	28.67	.0478	1.997	3.199	-.0064	.1887	8.788

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7875.9	41072.	16649.
Stddev	142.5	14.	73.
%RSD	1.8089	.03335	.44076

#1	7806.7	41063.	16576.
#2	7781.3	41088.	16723.
#3	8039.8	41065.	16647.

Sample Name: WG1254058-3,T Acquired: 6/27/2019 21:44:03 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5867	108.0	.4234	2.143	4.901	.1051	-.0001	1232.	.1024	.9184
Stddev	.0006	.2	.0066	.042	.027	.0002	.0005	3.	.0017	.0152
%RSD	.1037	.1982	1.554	1.971	.5455	.1590	810.0	.2161	1.692	1.654

#1	.5873	108.1	.4286	2.170	4.877	.1052	-.0003	1234.	.1035	.9273
#2	.5867	108.2	.4255	2.165	4.896	.1051	-.0004	1229.	.1034	.9271
#3	.5861	107.8	.4160	2.094	4.930	.1049	.0005	1233.	.1004	.9009

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4664	1.190	195.5	32.37	155.0	7.651	1.660	27.87	1.038	1.584
Stddev	.0025	.003	1.2	.05	1.9	.008	.028	.12	.017	.025
%RSD	.5273	.2439	.6106	.1590	1.240	.1093	1.673	.4206	1.628	1.568

#1	.4679	1.190	196.8	32.42	157.2	7.652	1.677	27.97	1.048	1.597
#2	.4678	1.187	194.5	32.37	154.2	7.643	1.676	27.90	1.047	1.599
#3	.4636	1.193	195.1	32.31	153.7	7.659	1.628	27.75	1.018	1.555

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9156	.2681	45.00	1.611	3.441	4.476	.1673	.9937	8.516
Stddev	.0174	.0069	1.05	.027	.013	.009	.0023	.0032	.113
%RSD	1.902	2.592	2.338	1.650	.3890	.1977	1.350	.3185	1.321

#1	.9266	.2712	45.58	1.626	3.432	4.482	.1688	.9971	8.574
#2	.9246	.2729	45.64	1.626	3.434	4.481	.1683	.9930	8.588
#3	.8955	.2601	43.79	1.580	3.456	4.466	.1647	.9909	8.387

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7552.8	39513.	16166.
Stddev	128.7	24.	36.
%RSD	1.7043	.06183	.21999

#1	7467.2	39488.	16126.
#2	7490.3	39536.	16178.
#3	7700.8	39513.	16194.

Sample Name: WG1254058-4,T Acquired: 6/27/2019 21:49:16 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	106.6	.2771	.1882	1.416	.0136	.0206	936.6	.0293	.2067
Stddev	.0005	1.3	.0046	.0038	.016	.0001	.0010	11.9	.0005	.0038
%RSD	30.61	1.205	1.649	2.008	1.149	.9172	4.982	1.273	1.597	1.831
#1	.0017	108.0	.2813	.1899	1.435	.0138	.0208	949.2	.0296	.2087
#2	.0021	105.9	.2778	.1908	1.407	.0136	.0215	925.5	.0295	.2090
#3	.0011	105.8	.2722	.1839	1.406	.0135	.0195	935.1	.0288	.2023
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2021	1.391	488.7	13.68	59.95	5.940	.0411	10.43	.5268	.7410
Stddev	.0008	.003	5.3	.18	.51	.072	.0010	.12	.0087	.0111
%RSD	.4090	.1957	1.079	1.296	.8566	1.205	2.542	1.157	1.652	1.498
#1	.2025	1.393	494.5	13.88	60.54	6.022	.0420	10.57	.5316	.7458
#2	.2026	1.388	484.1	13.60	59.63	5.894	.0412	10.38	.5321	.7490
#3	.2011	1.392	487.4	13.56	59.66	5.903	.0400	10.35	.5168	.7284
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0342	.0295	25.95	.0381	1.589	2.702	-.0036	.3126	6.298	
Stddev	.0022	.0030	.49	.0005	.018	.010	.0007	.0005	.084	
%RSD	6.471	10.34	1.906	1.327	1.138	.3665	20.91	.1573	1.332	
#1	.0362	.0305	26.01	.0387	1.610	2.710	-.0033	.3130	6.330	
#2	.0347	.0260	26.41	.0380	1.580	2.705	-.0030	.3129	6.362	
#3	.0318	.0318	25.43	.0377	1.577	2.691	-.0044	.3121	6.203	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7524.9	39773.	16040.							
Stddev	124.8	27.	176.							
%RSD	1.6589	.06761	1.0968							
#1	7436.7	39742.	15849.							
#2	7470.2	39789.	16194.							
#3	7667.7	39789.	16077.							

Sample Name: WG1254058-5,T Acquired: 6/27/2019 21:54:05 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168	137.3	.4100	1.884	5.276	.1014	.0021	1050.	.0977	.8499
Stddev	.0008	.0	.0090	.040	.099	.0020	.0005	4.	.0013	.0147
%RSD	4.607	.0322	2.183	2.112	1.877	2.004	22.52	.4013	1.319	1.727

#1	.0176	137.3	.4169	1.914	5.385	.1037	.0017	1046.	.0986	.8608
#2	.0167	137.3	.4131	1.899	5.249	.1007	.0026	1055.	.0983	.8558
#3	.0161	137.2	.3999	1.839	5.193	.0998	.0021	1050.	.0962	.8332

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4689	1.379	247.1	31.41	91.67	8.458	1.469	25.89	.9996	1.762
Stddev	.0008	.004	.9	.47	.35	.016	.027	.45	.0154	.023
%RSD	.1723	.2582	.3648	1.488	.3824	.1879	1.865	1.739	1.541	1.296

#1	.4698	1.382	247.1	31.94	91.28	8.444	1.490	26.39	1.011	1.777
#2	.4684	1.379	246.3	31.22	91.79	8.475	1.480	25.73	1.006	1.773
#3	.4684	1.375	248.1	31.06	91.95	8.455	1.438	25.53	.9821	1.736

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8503	.2373	29.41	1.436	3.439	4.544	.1565	.9319	9.327
Stddev	.0187	.0048	.69	.024	.075	.011	.0036	.0029	.061
%RSD	2.203	2.020	2.346	1.656	2.187	.2488	2.299	.3158	.6595

#1	.8615	.2387	29.85	1.456	3.510	4.557	.1587	.9353	9.365
#2	.8607	.2413	29.76	1.442	3.446	4.539	.1585	.9303	9.360
#3	.8287	.2320	28.61	1.409	3.360	4.536	.1523	.9300	9.256

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7777.7	40858.	16629.
Stddev	126.8	39.	60.
%RSD	1.6296	.09606	.35878

#1	7701.5	40833.	16693.
#2	7707.6	40837.	16575.
#3	7924.0	40903.	16618.

Sample Name: WG1254058-6,T,5 Acquired: 6/27/2019 21:59:11 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	32.62	.0460	.0526	.5149	.0058	.0021	283.4	.0059	.0418
Stddev	.0002	.03	.0021	.0016	.0001	.0000	.0007	1.6	.0002	.0013
%RSD	32.57	.0858	4.489	3.113	.0161	.2410	31.38	.5723	2.733	3.081

#1	.0006	32.59	.0474	.0538	.5149	.0058	.0020	282.8	.0061	.0425
#2	.0004	32.64	.0471	.0533	.5149	.0058	.0014	285.3	.0060	.0427
#3	.0004	32.64	.0437	.0507	.5150	.0058	.0028	282.3	.0057	.0403

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498	.2327	68.53	3.319	21.69	2.037	.0097	2.194	.0857	.2741
Stddev	.0002	.0002	.16	.012	.09	.003	.0009	.012	.0023	.0076
%RSD	.3648	.0978	.2324	.3576	.3962	.1472	9.501	.5487	2.737	2.770

#1	.0498	.2329	68.36	3.306	21.63	2.034	.0106	2.200	.0871	.2787
#2	.0500	.2327	68.67	3.329	21.79	2.039	.0099	2.180	.0870	.2784
#3	.0497	.2324	68.58	3.323	21.64	2.037	.0088	2.201	.0830	.2654

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158	.0070	6.476	.0104	.4760	.7738	-.0030	.0466	2.354
Stddev	.0013	.0005	.227	.0005	.0005	.0055	.0001	.0002	.062
%RSD	8.392	6.842	3.506	4.713	.1034	.7134	2.826	.4979	2.640

#1	.0169	.0068	6.574	.0107	.4758	.7792	-.0031	.0468	2.395
#2	.0162	.0076	6.637	.0106	.4757	.7740	-.0030	.0467	2.384
#3	.0143	.0067	6.216	.0098	.4766	.7682	-.0029	.0464	2.282

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7629.5	39157.	15054.
Stddev	200.4	48.	45.
%RSD	2.6271	.12180	.29705

#1	7519.0	39102.	15093.
#2	7508.6	39181.	15005.
#3	7860.8	39187.	15064.

Sample Name: L1926272-01,T Acquired: 6/27/2019 22:03:56 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139	120.3	.1613	.1336	1.124	.0084	.0169	35.88	.0505	.7360
Stddev	.0001	.2	.0006	.0019	.001	.0000	.0002	.10	.0006	.0101
%RSD	.8020	.2060	.3771	1.401	.0984	.3368	1.089	.2734	1.100	1.377

#1	.0138	120.6	.1617	.1345	1.125	.0084	.0171	35.94	.0509	.7415
#2	.0140	120.1	.1616	.1349	1.123	.0084	.0168	35.77	.0507	.7422
#3	.0138	120.3	.1606	.1315	1.123	.0084	.0168	35.93	.0499	.7243

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.223	3.091	444.8	6.906	29.48	6.127	.7918	6.308	8.621	1.701
Stddev	.013	.003	2.7	.013	.14	.009	.0114	.022	.112	.021
%RSD	.3008	.0802	.6158	.1913	.4800	.1437	1.442	.3468	1.295	1.261

#1	4.235	3.089	445.4	6.916	29.45	6.118	.7981	6.324	8.680	1.710
#2	4.210	3.090	441.8	6.891	29.36	6.126	.7987	6.283	8.690	1.715
#3	4.225	3.093	447.2	6.911	29.64	6.136	.7786	6.318	8.492	1.676

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345	.0195	6.985	.1187	.1790	3.882	-.0011	.6785	3.642
Stddev	.0018	.0016	.283	.0009	.0003	.011	.0013	.0016	.036
%RSD	5.249	8.316	4.053	.7477	.1643	.2873	115.5	.2373	1.002

#1	.0360	.0213	7.311	.1191	.1793	3.887	-.0014	.6788	3.653
#2	.0349	.0183	6.844	.1193	.1789	3.870	-.0022	.6768	3.672
#3	.0325	.0188	6.799	.1177	.1787	3.890	.0003	.6800	3.601

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	9663.1	51656.	20244.
Stddev	122.1	45.	74.
%RSD	1.2639	.08762	.36671

#1	9574.4	51674.	20296.
#2	9612.5	51689.	20276.
#3	9802.4	51604.	20159.

Sample Name: L1926307-01,T,2 Acquired: 6/27/2019 22:08:39 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	55.56	.0905	.0125	.0938	.0006	-.0018	7.343	.0044	.0026
Stddev	.0001	.04	.0021	.0005	.0006	.0000	.0003	.011	.0001	.0002
%RSD	11.86	.0808	2.277	4.106	.6135	3.121	16.46	.1519	2.503	5.947

#1	.0011	55.61	.0914	.0128	.0945	.0007	-.0016	7.353	.0044	.0027
#2	.0009	55.52	.0920	.0128	.0934	.0006	-.0017	7.346	.0045	.0027
#3	.0011	55.55	.0882	.0119	.0936	.0006	-.0021	7.331	.0043	.0024

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2822	.1701	160.7	3.123	1.833	.0596	.0556	.1163	.0140	.0690
Stddev	.0010	.0003	.4	.021	.003	.0002	.0018	.0051	.0005	.0024
%RSD	.3442	.1543	.2199	.6673	.1428	.3241	3.294	4.420	3.695	3.519

#1	.2811	.1704	160.4	3.146	1.834	.0597	.0567	.1159	.0145	.0708
#2	.2828	.1699	160.7	3.105	1.830	.0597	.0566	.1114	.0141	.0699
#3	.2828	.1700	161.1	3.120	1.834	.0594	.0535	.1217	.0135	.0662

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076	.0139	10.34	.0046	.0302	.7514	.0003	.2674	.0357
Stddev	.0011	.0010	.69	.0004	.0004	.0053	.0004	.0006	.0009
%RSD	14.41	7.488	6.662	7.860	1.161	.7018	155.4	.2082	2.437

#1	.0064	.0149	10.87	.0047	.0303	.7564	.0006	.2671	.0363
#2	.0077	.0139	10.60	.0049	.0298	.7517	.0004	.2670	.0360
#3	.0086	.0128	9.564	.0042	.0304	.7459	-.0002	.2680	.0347

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7798.3	40102.	15196.
Stddev	190.2	41.	30.
%RSD	2.4393	.10272	.19976

#1	7698.3	40128.	15163.
#2	7678.9	40123.	15224.
#3	8017.7	40054.	15199.

Sample Name: XL1920000-01,C1 Acquired: 6/27/2019 22:13:27 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0110	.0007	-.0006	.0001	-.0000	.0001	.0184	.0000	.0001
Stddev	.0001	.0041	.0001	.0004	.0001	.0000	.0006	.0024	.0000	.0001
%RSD	17280.	37.39	19.59	65.55	74.64	82.58	522.3	13.14	16.49	91.43
#1	.0001	.0124	.0008	-.0005	.0003	-.0000	.0005	.0172	.0000	.0001
#2	-.0000	.0143	.0008	-.0003	.0001	-.0001	.0004	.0167	.0000	-.0000
#3	-.0001	.0064	.0006	-.0011	.0000	-.0000	-.0006	.0211	.0000	.0001
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0001	.0555	.0127	.0025	.0003	.0008	.0154	.0003	-.0007
Stddev	.0002	.0001	.0003	.0089	.0007	.0001	.0001	.0002	.0000	.0004
%RSD	234.1	49.52	.5028	70.30	26.76	42.70	15.79	1.480	9.222	61.04
#1	.0004	-.0001	.0553	.0160	.0019	.0003	.0010	.0151	.0003	-.0002
#2	-.0001	-.0002	.0558	.0195	.0033	.0004	.0007	.0155	.0004	-.0007
#3	.0001	-.0002	.0554	.0026	.0024	.0001	.0008	.0156	.0003	-.0010
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0003	-.0009	.0309	-.0003	.0000	.0009	-.0002	-.0001	.0004	
Stddev	.0005	.0009	.0014	.0004	.0000	.0004	.0009	.0001	.0001	
%RSD	155.1	100.2	4.576	134.7	111.0	43.41	362.2	106.4	24.15	
#1	-.0004	-.0018	.0325	.0002	.0000	.0006	-.0010	-.0002	.0005	
#2	-.0007	-.0008	.0302	-.0005	.0001	.0007	-.0005	.0000	.0003	
#3	.0002	-.0000	.0299	-.0005	.0000	.0013	.0007	-.0001	.0004	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	8007.9	41248.	15000.							
Stddev	222.5	21.	112.							
%RSD	2.7787	.05126	.74361							
#1	7873.1	41266.	14978.							
#2	7885.9	41253.	14901.							
#3	8264.8	41224.	15121.							

Sample Name: CCV Acquired: 6/27/2019 22:18:17 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5013	.5221	.5379	.5100	.4995	.5063	-.0018	.5165	.5029	.4960
Stddev	.0005	.0035	.0071	.0080	.0005	.0010	.0004	.0033	.0066	.0072
%RSD	.0996	.6685	1.320	1.565	.0939	.2047	19.92	.6452	1.321	1.453
#1	.5010	.5203	.5436	.5147	.4994	.5065	-.0015	.5128	.5058	.5002
#2	.5019	.5261	.5401	.5146	.5000	.5073	-.0022	.5193	.5076	.5001
#3	.5010	.5198	.5299	.5008	.4991	.5052	-.0017	.5173	.4953	.4877

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5082	.4836	.5399	4.870	.5183	.5012	.4928	9.616	.5141	.5243
Stddev	.0029	.0013	.0018	.009	.0045	.0021	.0068	.026	.0078	.0084
%RSD	.5642	.2771	.3329	.1785	.8613	.4131	1.374	.2748	1.509	1.610
#1	.5113	.4820	.5380	4.861	.5210	.5008	.4964	9.606	.5187	.5275
#2	.5078	.4842	.5415	4.878	.5208	.5035	.4971	9.646	.5185	.5307
#3	.5056	.4845	.5401	4.870	.5132	.4994	.4850	9.596	.5051	.5147

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061	.5048	5.514	.4996	.4793	.4959	.5088	.5039	.5190
Stddev	.0068	.0067	.088	.0068	.0008	.0002	.0074	.0005	.0068
%RSD	1.334	1.322	1.602	1.370	.1722	.0363	1.447	.1063	1.317
#1	.5094	.5096	5.571	.5025	.4790	.4961	.5137	.5036	.5220
#2	.5105	.5075	5.558	.5046	.4802	.4958	.5124	.5045	.5238
#3	.4983	.4972	5.412	.4918	.4787	.4957	.5003	.5035	.5112

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7791.0	40411.	14838.
Stddev	104.6	51.	64.
%RSD	1.3420	.12638	.42958
#1	7725.9	40468.	14855.
#2	7735.6	40372.	14768.
#3	7911.7	40391.	14892.

Sample Name: CCB Acquired: 6/27/2019 22:22:49 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0017	.0014	-.0004	.0004	.0004	.0004	.0117	.0002	.0003
Stddev	.0000	.0012	.0014	.0002	.0002	.0001	.0003	.0046	.0001	.0001
%RSD	8.734	68.28	102.1	48.21	35.75	16.21	77.50	39.63	34.87	20.37
#1	.0003	.0020	.0030	-.0002	.0003	.0003	.0007	.0098	.0003	.0004
#2	.0003	.0027	.0001	-.0005	.0005	.0004	.0003	.0083	.0002	.0003
#3	.0004	.0004	.0012	-.0005	.0006	.0004	.0001	.0170	.0002	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0002	.0208	.0182	.0027	.0007	.0018	.0223	.0008	.0002
Stddev	.0003	.0001	.0009	.0041	.0004	.0002	.0005	.0046	.0002	.0006
%RSD	22.58	37.83	4.258	22.59	15.40	24.88	27.88	20.42	20.48	366.0
#1	.0013	.0003	.0205	.0165	.0029	.0005	.0023	.0181	.0010	-.0001
#2	.0012	.0001	.0201	.0228	.0030	.0007	.0018	.0216	.0008	-.0002
#3	.0008	.0001	.0218	.0151	.0022	.0008	.0013	.0272	.0007	.0008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051	.0001	.0181	-.0021	.0003	.0006	-.0002	.0003	.0007
Stddev	.0006	.0016	.0009	.0003	.0001	.0000	.0008	.0002	.0001
%RSD	12.74	1329.	5.020	16.06	20.53	7.908	443.4	55.50	12.27
#1	.0055	.0004	.0191	-.0017	.0003	.0007	.0007	.0004	.0008
#2	.0054	.0016	.0174	-.0024	.0003	.0006	-.0005	.0004	.0007
#3	.0043	-.0016	.0179	-.0021	.0004	.0006	-.0008	.0001	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7948.1	40819.	14860.
Stddev	257.1	17.	33.
%RSD	3.2345	.04046	.21882
#1	7792.6	40823.	14886.
#2	7806.8	40833.	14869.
#3	8244.8	40801.	14823.

Sample Name: L1926307-02,T,2 Acquired: 6/27/2019 22:27:39 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	31.60	.0491	.0125	.0524	.0005	-.0103	4.944	.0022	.0040
Stddev	.0000	.41	.0027	.0008	.0008	.0000	.0005	.025	.0001	.0002
%RSD	2.241	1.305	5.455	6.175	1.518	8.027	4.769	.5124	4.251	5.224

#1	.0009	32.04	.0508	.0126	.0530	.0005	-.0107	4.920	.0022	.0041
#2	.0009	31.53	.0506	.0132	.0526	.0005	-.0105	4.940	.0022	.0041
#3	.0010	31.22	.0460	.0117	.0515	.0005	-.0098	4.970	.0021	.0038

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2679	.0472	86.57	2.961	1.699	.0962	.0171	.1027	.0075	.0496
Stddev	.0006	.0004	.31	.071	.014	.0007	.0006	.0024	.0003	.0018
%RSD	.2299	.9219	.3533	2.410	.8448	.7669	3.691	2.384	3.865	3.555

#1	.2672	.0477	86.24	3.036	1.682	.0953	.0175	.1031	.0079	.0516
#2	.2682	.0473	86.63	2.954	1.709	.0964	.0175	.1049	.0073	.0487
#3	.2684	.0468	86.85	2.894	1.705	.0968	.0164	.1000	.0074	.0484

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058	.0063	10.48	.0025	.0241	1.501	-.0002	.2263	.0252
Stddev	.0010	.0010	.51	.0008	.0001	.010	.0003	.0002	.0007
%RSD	17.15	15.96	4.881	29.60	.2361	.6953	175.4	.1100	2.628

#1	.0064	.0056	10.69	.0034	.0241	1.495	-.0003	.2260	.0256
#2	.0047	.0074	10.85	.0019	.0242	1.495	-.0005	.2265	.0255
#3	.0064	.0057	9.893	.0024	.0241	1.513	.0002	.2265	.0244

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7931.4	40868.	15227.
Stddev	196.4	70.	60.
%RSD	2.4760	.17068	.39636

#1	7822.3	40890.	15283.
#2	7813.7	40923.	15163.
#3	8158.1	40789.	15234.

Sample Name: L1926307-03,T,2 Acquired: 6/27/2019 22:32:20 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	26.97	.0178	.0373	.3193	.0014	.0012	9.795	.0038	.0040
Stddev	.0001	.28	.0008	.0017	.0008	.0000	.0004	.014	.0001	.0003
%RSD	16.82	1.035	4.533	4.487	.2527	1.381	31.74	.1450	3.128	7.447

#1	.0006	27.29	.0187	.0385	.3197	.0013	.0016	9.810	.0039	.0043
#2	.0005	26.82	.0177	.0381	.3183	.0014	.0013	9.794	.0039	.0040
#3	.0004	26.79	.0171	.0354	.3197	.0014	.0008	9.782	.0037	.0037

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0898	.1261	39.26	6.715	2.270	.0964	.0059	.1267	.0159	.1665
Stddev	.0004	.0001	.05	.035	.013	.0005	.0003	.0060	.0006	.0054
%RSD	.4037	.0673	.1234	.5206	.5916	.5302	5.631	4.724	3.790	3.227

#1	.0902	.1261	39.30	6.753	2.281	.0963	.0062	.1327	.0164	.1708
#2	.0896	.1260	39.27	6.684	2.274	.0970	.0060	.1266	.0160	.1683
#3	.0895	.1262	39.21	6.709	2.255	.0960	.0056	.1208	.0152	.1605

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	.0018	14.67	.0102	.0572	.7132	.0001	.0789	.5615
Stddev	.0008	.0013	1.30	.0005	.0002	.0077	.0003	.0001	.0149
%RSD	17.67	73.69	8.870	5.373	.3288	1.080	282.5	.1799	2.657

#1	.0055	.0026	15.77	.0107	.0573	.7095	.0002	.0791	.5714
#2	.0050	.0025	15.01	.0102	.0570	.7221	-.0002	.0788	.5687
#3	.0038	.0003	13.23	.0096	.0572	.7080	.0004	.0789	.5443

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7814.3	40581.	15260.
Stddev	216.9	58.	71.
%RSD	2.7757	.14372	.46787

#1	7671.1	40632.	15211.
#2	7708.0	40593.	15228.
#3	8063.8	40517.	15342.

Sample Name: L1926307-04,T,2 Acquired: 6/27/2019 22:37:01 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	39.71	.0736	.0149	.0724	.0005	-.0121	6.993	.0017	.0030
Stddev	.0000	.17	.0008	.0010	.0005	.0000	.0006	.012	.0001	.0001
%RSD	2.672	.4323	1.093	6.951	.7511	1.842	4.848	.1650	4.953	4.471

#1	.0010	39.89	.0742	.0159	.0726	.0005	-.0118	7.005	.0018	.0030
#2	.0010	39.71	.0739	.0150	.0729	.0005	-.0128	6.982	.0017	.0031
#3	.0010	39.54	.0727	.0139	.0718	.0005	-.0118	6.993	.0016	.0028

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3343	.0578	62.30	3.537	1.984	.0903	.0298	.1962	.0089	.0644
Stddev	.0008	.0002	.09	.023	.012	.0004	.0008	.0067	.0003	.0018
%RSD	.2449	.3295	.1460	.6628	.6134	.4285	2.588	3.413	3.100	2.823

#1	.3343	.0576	62.38	3.564	1.993	.0907	.0303	.1996	.0091	.0645
#2	.3335	.0578	62.20	3.529	1.970	.0903	.0301	.2006	.0090	.0661
#3	.3352	.0580	62.32	3.519	1.989	.0899	.0289	.1885	.0086	.0625

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	.0054	6.884	.0033	.0340	.9466	.0008	.1361	.0415
Stddev	.0008	.0005	.595	.0005	.0004	.0039	.0007	.0002	.0012
%RSD	20.39	9.605	8.637	15.36	1.041	.4160	89.70	.1274	3.002

#1	.0034	.0057	7.340	.0038	.0338	.9421	.0016	.1361	.0422
#2	.0046	.0058	7.101	.0031	.0344	.9493	.0005	.1359	.0422
#3	.0033	.0048	6.212	.0028	.0338	.9484	.0003	.1363	.0400

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7861.9	40430.	15130.
Stddev	191.2	15.	56.
%RSD	2.4319	.03599	.36963

#1	7735.2	40446.	15066.
#2	7768.8	40428.	15155.
#3	8081.9	40417.	15169.

Sample Name: L1926308-01,T,2 Acquired: 6/27/2019 22:41:41 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	27.07	.0539	.0143	.0544	.0004	-.0060	1.059	.0019	.0036
Stddev	.0002	.11	.0008	.0004	.0010	.0000	.0004	.002	.0001	.0002
%RSD	29.21	.3957	1.417	2.931	1.873	8.223	7.069	.1669	2.850	6.840

#1	.0011	27.17	.0547	.0147	.0553	.0004	-.0057	1.057	.0020	.0037
#2	.0008	26.95	.0537	.0142	.0533	.0004	-.0065	1.059	.0019	.0037
#3	.0006	27.08	.0533	.0139	.0547	.0004	-.0057	1.060	.0019	.0033

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3292	.0536	74.25	3.459	1.444	.0748	.0158	.0862	.0067	.0603
Stddev	.0025	.0000	.40	.027	.003	.0006	.0005	.0037	.0002	.0025
%RSD	.7743	.0684	.5347	.7927	.2257	.7909	3.091	4.342	3.340	4.139

#1	.3267	.0535	73.98	3.480	1.448	.0746	.0161	.0903	.0069	.0614
#2	.3290	.0536	74.05	3.428	1.442	.0744	.0161	.0829	.0067	.0620
#3	.3318	.0536	74.70	3.469	1.443	.0755	.0153	.0855	.0065	.0574

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	.0045	9.950	.0013	.0109	1.337	-.0002	.2896	.0182
Stddev	.0018	.0027	.842	.0004	.0002	.012	.0001	.0009	.0005
%RSD	59.51	60.72	8.466	31.77	1.985	.8881	53.21	.3066	2.589

#1	.0051	.0056	10.70	.0014	.0111	1.348	-.0001	.2889	.0185
#2	.0019	.0014	10.12	.0008	.0106	1.340	-.0004	.2895	.0185
#3	.0020	.0065	9.038	.0015	.0109	1.324	-.0002	.2906	.0176

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7970.0	41102.	15258.
Stddev	218.1	41.	35.
%RSD	2.7362	.10051	.23091

#1	7814.7	41112.	15218.
#2	7875.9	41057.	15280.
#3	8219.3	41138.	15277.

Sample Name: L1926308-02,T,2 Acquired: 6/27/2019 22:46:24 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	27.62	.0414	.0126	.0561	.0003	-.0079	1.091	.0007	.0041
Stddev	.0001	.09	.0007	.0008	.0005	.0000	.0002	.004	.0000	.0001
%RSD	7.186	.3096	1.774	6.320	.9640	9.374	2.506	.3812	6.939	3.620

#1	.0008	27.65	.0416	.0133	.0558	.0003	-.0081	1.086	.0007	.0042
#2	.0007	27.53	.0420	.0128	.0559	.0003	-.0079	1.092	.0007	.0042
#3	.0008	27.70	.0406	.0118	.0567	.0003	-.0077	1.094	.0007	.0039

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111	.0472	25.34	2.986	1.344	.0857	.0222	.0852	.0047	.0505
Stddev	.0006	.0002	.14	.018	.004	.0006	.0007	.0050	.0001	.0011
%RSD	.2849	.4368	.5409	.5893	.3012	.7067	3.030	5.814	2.773	2.100

#1	.2116	.0470	25.21	2.978	1.346	.0854	.0225	.0887	.0048	.0513
#2	.2104	.0473	25.32	2.973	1.339	.0852	.0227	.0796	.0046	.0509
#3	.2113	.0473	25.48	3.006	1.347	.0864	.0215	.0875	.0046	.0493

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0014	11.13	.0010	.0169	1.580	-.0000	.0658	.0310
Stddev	.0006	.0017	.98	.0005	.0002	.003	.0005	.0001	.0009
%RSD	43.73	120.6	8.824	51.33	.9087	.2167	1207.	.1804	2.788

#1	.0008	.0025	11.92	.0010	.0169	1.580	-.0004	.0657	.0314
#2	.0015	.0024	11.44	.0016	.0171	1.576	-.0003	.0659	.0316
#3	.0021	-.0006	10.03	.0005	.0168	1.583	.0006	.0659	.0300

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8041.8	41419.	15359.
Stddev	204.0	72.	67.
%RSD	2.5366	.17455	.43773

#1	7924.4	41377.	15429.
#2	7923.6	41503.	15353.
#3	8277.3	41378.	15295.

Sample Name: L1926308-03,T,2 Acquired: 6/27/2019 22:51:06 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	48.67	.0841	.0116	.0983	.0005	-.0077	2.235	.0015	.0033
Stddev	.0001	.08	.0031	.0006	.0005	.0000	.0005	.005	.0001	.0002
%RSD	9.329	.1619	3.713	5.391	.5493	2.827	6.536	.2226	4.528	6.889

#1	.0013	48.76	.0864	.0118	.0990	.0005	-.0078	2.230	.0016	.0033
#2	.0013	48.62	.0852	.0120	.0980	.0005	-.0082	2.240	.0015	.0035
#3	.0015	48.63	.0805	.0108	.0980	.0006	-.0072	2.235	.0014	.0030

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2691	.0564	58.53	3.353	1.547	.0486	.0348	.0910	.0081	.0690
Stddev	.0013	.0002	.07	.025	.008	.0004	.0010	.0011	.0003	.0030
%RSD	.4863	.3399	.1262	.7425	.5185	.7271	2.991	1.167	3.669	4.353

#1	.2692	.0563	58.45	3.380	1.551	.0483	.0353	.0914	.0082	.0705
#2	.2678	.0566	58.59	3.349	1.552	.0490	.0355	.0918	.0084	.0709
#3	.2704	.0562	58.54	3.331	1.538	.0486	.0336	.0898	.0078	.0655

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0057	11.63	.0032	.0264	1.120	.0011	.1228	.0571
Stddev	.0001	.0010	1.02	.0001	.0001	.007	.0009	.0003	.0014
%RSD	5.534	16.73	8.803	2.381	.4860	.5933	78.32	.2102	2.501

#1	.0025	.0066	12.35	.0033	.0263	1.126	.0018	.1230	.0578
#2	.0023	.0058	12.08	.0032	.0265	1.113	.0001	.1228	.0581
#3	.0024	.0047	10.46	.0031	.0265	1.122	.0015	.1225	.0555

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8038.7	41208.	15361.
Stddev	237.2	37.	73.
%RSD	2.9503	.08918	.47678

#1	7925.8	41246.	15334.
#2	7879.1	41206.	15306.
#3	8311.3	41173.	15444.

Sample Name: L1926308-04,T,2 Acquired: 6/27/2019 22:55:47 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	61.98	.1223	.0125	.0970	.0008	-.0016	3.255	.0047	.0029
Stddev	.0002	.06	.0023	.0011	.0012	.0000	.0005	.006	.0001	.0001
%RSD	15.94	.1031	1.855	8.985	1.270	3.310	30.39	.1808	2.933	2.206

#1	.0017	61.92	.1240	.0134	.0984	.0008	-.0018	3.249	.0047	.0029
#2	.0016	61.98	.1231	.0129	.0963	.0008	-.0010	3.255	.0048	.0029
#3	.0013	62.05	.1197	.0113	.0962	.0008	-.0019	3.261	.0045	.0028

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3476	.0966	169.3	3.621	2.016	.0402	.0330	.0870	.0142	.0645
Stddev	.0010	.0001	.3	.033	.009	.0006	.0010	.0044	.0007	.0020
%RSD	.2826	.0846	.2049	.9141	.4261	1.402	3.017	5.032	4.711	3.059

#1	.3469	.0965	168.9	3.648	2.007	.0397	.0335	.0882	.0144	.0657
#2	.3471	.0967	169.4	3.584	2.016	.0408	.0336	.0821	.0148	.0654
#3	.3487	.0966	169.6	3.631	2.024	.0402	.0318	.0906	.0135	.0622

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056	.0149	10.00	.0060	.0200	.9093	.0001	.4401	.1080
Stddev	.0012	.0010	.82	.0001	.0007	.0112	.0006	.0007	.0026
%RSD	21.95	6.945	8.213	.9617	3.599	1.234	704.0	.1631	2.415

#1	.0070	.0150	10.67	.0060	.0208	.9216	-.0005	.4397	.1095
#2	.0046	.0139	10.26	.0060	.0197	.9068	.0001	.4409	.1095
#3	.0052	.0159	9.086	.0059	.0194	.8996	.0007	.4396	.1050

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7971.1	41058.	15380.
Stddev	203.5	20.	42.
%RSD	2.5531	.04964	.27254

#1	7868.5	41068.	15428.
#2	7839.3	41034.	15349.
#3	8205.5	41071.	15364.

Sample Name: L1926416-01,T,2 Acquired: 6/27/2019 23:00:36 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	115.6	.0739	.0155	.4366	.0047	.0071	15.08	.0071	.1007
Stddev	.0001	.1	.0027	.0012	.0010	.0000	.0008	.08	.0002	.0026
%RSD	11.65	.1112	3.658	7.843	.2299	.7402	11.63	.5631	3.113	2.580

#1	.0009	115.6	.0744	.0166	.4374	.0047	.0081	15.03	.0072	.1020
#2	.0009	115.5	.0763	.0157	.4368	.0047	.0068	15.03	.0072	.1023
#3	.0007	115.8	.0710	.0142	.4355	.0048	.0065	15.18	.0068	.0977

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633	.2189	230.1	8.363	37.82	5.527	.0057	.8542	.2450	.1161
Stddev	.0006	.0005	1.8	.048	.18	.020	.0001	.0086	.0058	.0043
%RSD	.3525	.2108	.7899	.5762	.4793	.3665	2.052	1.011	2.373	3.714

#1	.1626	.2195	228.3	8.415	37.64	5.508	.0058	.8623	.2483	.1177
#2	.1636	.2187	230.2	8.354	37.81	5.526	.0058	.8451	.2483	.1193
#3	.1636	.2186	231.9	8.320	38.00	5.548	.0056	.8553	.2382	.1112

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088	.0039	14.32	.0019	.0518	.7745	-.0029	.1979	.7568
Stddev	.0002	.0010	1.46	.0002	.0003	.0171	.0008	.0003	.0176
%RSD	2.046	26.16	10.20	8.115	.5171	2.213	27.56	.1698	2.328

#1	.0088	.0030	15.66	.0019	.0521	.7939	-.0029	.1976	.7661
#2	.0090	.0038	14.55	.0018	.0518	.7616	-.0037	.1982	.7677
#3	.0086	.0050	12.76	.0021	.0515	.7679	-.0021	.1978	.7364

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8065.0	41682.	15815.
Stddev	187.9	46.	56.
%RSD	2.3304	.11030	.35438

#1	7952.3	41659.	15860.
#2	7960.8	41735.	15832.
#3	8282.0	41651.	15752.

Sample Name: L1926416-06,T,2 Acquired: 6/27/2019 23:05:22 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	111.1	.1032	.0430	.6325	.0043	.0062	342.5	.0095	.0967
Stddev	.0002	1.3	.0027	.0031	.0074	.0001	.0008	2.8	.0002	.0016
%RSD	14.83	1.153	2.575	7.149	1.166	1.684	12.32	.8136	1.738	1.698

#1	.0012	112.6	.1056	.0454	.6410	.0044	.0057	345.5	.0096	.0974
#2	.0010	110.3	.1037	.0440	.6294	.0043	.0071	340.1	.0095	.0979
#3	.0013	110.5	.1003	.0395	.6273	.0042	.0059	341.7	.0093	.0948

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1635	.7561	249.7	11.95	107.1	4.468	.0081	1.175	.2729	.1204
Stddev	.0009	.0028	1.1	.32	1.1	.034	.0003	.026	.0045	.0041
%RSD	.5755	.3691	.4353	2.695	1.033	.7554	3.246	2.218	1.644	3.437

#1	.1644	.7529	250.9	12.32	108.2	4.506	.0082	1.206	.2743	.1231
#2	.1625	.7577	248.9	11.77	106.0	4.441	.0084	1.159	.2766	.1225
#3	.1635	.7578	249.3	11.75	107.0	4.457	.0079	1.162	.2679	.1157

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121	.0057	36.35	.0034	.4186	1.193	-.0032	.2099	1.053
Stddev	.0012	.0023	3.78	.0005	.0032	.028	.0006	.0008	.015
%RSD	9.617	40.27	10.39	14.18	.7755	2.382	17.24	.3644	1.459

#1	.0133	.0074	39.55	.0035	.4223	1.218	-.0038	.2107	1.059
#2	.0110	.0067	37.33	.0039	.4168	1.200	-.0028	.2096	1.065
#3	.0120	.0031	32.19	.0029	.4167	1.162	-.0030	.2093	1.036

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7729.9	40401.	15580.
Stddev	159.3	10.	136.
%RSD	2.0613	.02453	.87079

#1	7638.0	40407.	15426.
#2	7637.8	40389.	15684.
#3	7913.9	40406.	15629.

Sample Name: XL1920000-01,C2 Acquired: 6/27/2019 23:10:15 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0220	.0006	-.0012	.0001	-.0000	-.0000	.0519	.0000	.0001
Stddev	.0001	.0024	.0003	.0001	.0000	.0000	.0005	.0007	.0000	.0001
%RSD	128.2	10.72	49.99	12.40	33.09	244.0	1942.	1.439	286.4	66.69

#1	-.0002	.0245	.0003	-.0011	.0002	-.0000	-.0004	.0513	-.0000	.0002
#2	.0000	.0197	.0008	-.0011	.0002	.0000	.0005	.0517	.0000	.0000
#3	-.0001	.0219	.0007	-.0013	.0001	-.0000	-.0002	.0528	-.0000	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-.0003	.0596	-.0523	.0168	.0005	-.0005	-.0014	-.0000	.0008
Stddev	.0002	.0002	.0010	.0091	.0030	.0001	.0001	.0006	.0001	.0002
%RSD	479.7	70.59	1.701	17.43	18.12	23.39	25.46	39.08	176.8	24.50

#1	-.0001	-.0005	.0584	-.0586	.0197	.0006	-.0004	-.0011	.0000	.0010
#2	.0001	-.0004	.0599	-.0419	.0170	.0004	-.0005	-.0021	-.0001	.0008
#3	.0001	-.0001	.0604	-.0565	.0136	.0006	-.0006	-.0012	-.0001	.0006

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	-.0008	.0289	-.0004	.0000	.0007	.0001	.0000	.0002
Stddev	.0005	.0002	.0040	.0004	.0000	.0004	.0002	.0001	.0001
%RSD	36.03	20.62	13.86	108.7	70.25	67.33	156.4	1326.	63.13

#1	-.0020	-.0007	.0313	-.0001	.0000	.0005	.0004	-.0001	.0003
#2	-.0010	-.0010	.0310	-.0002	.0000	.0003	.0000	.0000	.0001
#3	-.0013	-.0008	.0243	-.0009	.0001	.0012	-.0000	.0001	.0001

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7964.4	41163.	14859.
Stddev	236.3	75.	48.
%RSD	2.9665	.18324	.32177

#1	7827.6	41096.	14804.
#2	7828.4	41147.	14890.
#3	8237.2	41245.	14883.

Sample Name: CCV Acquired: 6/27/2019 23:15:05 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5005	.5196	.5351	.5085	.4986	.5025	-.0021	.5246	.5056	.4965
Stddev	.0005	.0052	.0062	.0071	.0003	.0013	.0003	.0026	.0050	.0063
%RSD	.1092	1.003	1.157	1.388	.0586	.2640	16.62	.5037	.9891	1.270
#1	.5012	.5254	.5379	.5124	.4984	.5040	-.0023	.5260	.5089	.4998
#2	.5002	.5152	.5394	.5127	.4989	.5014	-.0017	.5215	.5081	.5004
#3	.5003	.5183	.5280	.5003	.4985	.5022	-.0023	.5262	.4999	.4892

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5118	.4789	.5363	4.822	.5270	.5009	.4909	9.524	.5150	.5244
Stddev	.0019	.0006	.0022	.017	.0040	.0013	.0051	.041	.0057	.0069
%RSD	.3635	.1181	.4133	.3486	.7576	.2567	1.046	.4262	1.100	1.316
#1	.5123	.4782	.5370	4.841	.5315	.5022	.4929	9.568	.5183	.5291
#2	.5134	.4792	.5338	4.814	.5240	.4997	.4948	9.518	.5182	.5277
#3	.5098	.4792	.5380	4.810	.5254	.5006	.4851	9.487	.5084	.5165

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5006	.5033	5.476	.5006	.4769	.4938	.5074	.5033	.5232
Stddev	.0036	.0062	.077	.0052	.0012	.0006	.0064	.0012	.0046
%RSD	.7247	1.236	1.401	1.042	.2439	.1153	1.260	.2469	.8766
#1	.5013	.5071	5.524	.5041	.4779	.4945	.5108	.5043	.5260
#2	.5039	.5067	5.517	.5031	.4772	.4934	.5113	.5037	.5257
#3	.4967	.4961	5.388	.4946	.4756	.4937	.5000	.5019	.5179

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7833.2	40518.	14877.
Stddev	92.4	12.	59.
%RSD	1.1794	.03011	.39505
#1	7775.2	40504.	14842.
#2	7784.6	40528.	14945.
#3	7939.7	40521.	14844.

Sample Name: CCB Acquired: 6/27/2019 23:19:38 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0001	-.0002	-.0012	.0004	.0004	-.0000	.0080	.0003	.0004
Stddev	.0001	.0017	.0012	.0002	.0001	.0001	.0007	.0023	.0001	.0002
%RSD	36.72	1710.	534.9	17.56	23.31	22.09	2519.	28.77	25.72	47.27
#1	.0003	.0018	-.0001	-.0014	.0003	.0003	.0001	.0074	.0003	.0006
#2	.0003	-.0006	-.0015	-.0010	.0005	.0004	.0005	.0106	.0002	.0004
#3	.0005	-.0015	.0009	-.0013	.0003	.0004	-.0007	.0061	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0000	.0147	-.0199	.0030	.0006	.0014	.0064	.0009	.0003
Stddev	.0001	.0001	.0009	.0076	.0011	.0001	.0003	.0014	.0002	.0007
%RSD	10.95	282.2	6.128	37.89	35.41	9.815	23.46	21.11	20.80	237.9
#1	.0010	-.0000	.0137	-.0269	.0021	.0006	.0018	.0075	.0011	-.0001
#2	.0009	.0001	.0149	-.0210	.0042	.0007	.0013	.0068	.0008	-.0001
#3	.0011	-.0000	.0155	-.0119	.0029	.0006	.0011	.0049	.0008	.0011

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046	-.0001	.0102	-.0024	.0004	.0007	.0003	.0002	.0006
Stddev	.0008	.0012	.0011	.0004	.0001	.0002	.0006	.0001	.0001
%RSD	17.16	1181.	11.18	16.46	29.26	30.17	193.7	43.55	17.08
#1	.0052	.0012	.0115	-.0020	.0003	.0009	-.0003	.0001	.0007
#2	.0048	-.0008	.0100	-.0023	.0004	.0007	.0008	.0003	.0006
#3	.0037	-.0007	.0092	-.0028	.0005	.0005	.0004	.0002	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7992.6	41222.	14881.
Stddev	239.6	5.	6.
%RSD	2.9978	.01102	.03936
#1	7863.0	41227.	14887.
#2	7845.7	41219.	14876.
#3	8269.1	41220.	14878.

Sample Name: WG1254013-1,C Acquired: 6/27/2019 23:24:27 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0029	.0017	.0000	.0015	-.0000	-.0003	.0193	.0000	.0002
Stddev	.0001	.0026	.0002	.0001	.0001	.0000	.0005	.0029	.0000	.0001
%RSD	243.2	92.08	10.26	576.7	5.021	4713.	165.9	15.09	98.98	62.05

#1	-.0001	.0056	.0015	-.0000	.0014	-.0000	-.0009	.0212	.0000	.0000
#2	.0002	.0004	.0018	.0001	.0015	.0000	.0002	.0208	.0000	.0002
#3	.0001	.0026	.0019	-.0000	.0014	.0000	-.0003	.0160	-.0000	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0001	.0144	.2700	.0017	.0002	.0001	135.0	.0014	-.0001
Stddev	.0002	.0001	.0006	.0074	.0032	.0002	.0001	1.3	.0002	.0006
%RSD	15.50	49.55	4.499	2.731	190.2	65.63	60.46	.9948	11.62	851.1

#1	.0013	.0001	.0137	.2644	-.0012	.0001	.0000	135.2	.0014	.0006
#2	.0016	.0002	.0145	.2783	.0010	.0003	.0002	136.3	.0016	-.0005
#3	.0017	.0001	.0149	.2673	.0052	.0004	.0002	133.6	.0013	-.0004

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0004	.0246	-.0013	.0004	.0002	-.0005	-.0000	.0008
Stddev	.0006	.0003	.0008	.0006	.0001	.0001	.0007	.0001	.0001
%RSD	36.99	75.92	3.207	50.72	19.43	73.18	140.6	274.2	12.75

#1	.0022	.0007	.0254	-.0005	.0003	.0003	-.0011	-.0001	.0009
#2	.0010	.0002	.0245	-.0016	.0003	.0000	.0003	.0001	.0007
#3	.0019	.0003	.0239	-.0016	.0004	.0003	-.0007	-.0001	.0007

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7576.3	38379.	14529.
Stddev	233.3	61.	74.
%RSD	3.0788	.16006	.50597

#1	7436.6	38337.	14529.
#2	7446.8	38449.	14456.
#3	7845.6	38351.	14603.

Sample Name: L1927359-03,T Acquired: 6/27/2019 23:29:26 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132	194.9	.1156	.3897	3.147	.0245	.0035	1380.	.0205	.0532
Stddev	.0002	1.0	.0029	.0077	.021	.0001	.0006	4.	.0003	.0008
%RSD	1.381	.5176	2.475	1.975	.6713	.3493	16.51	.3255	1.555	1.471

#1	.0131	195.3	.1150	.3944	3.126	.0244	.0030	1377.	.0206	.0536
#2	.0131	193.8	.1187	.3940	3.146	.0244	.0035	1377.	.0207	.0537
#3	.0134	195.7	.1131	.3808	3.168	.0246	.0042	1385.	.0201	.0523

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3773	.4058	214.9	18.39	128.8	14.26	.0117	22.33	.1696	7.124
Stddev	.0022	.0013	.8	.01	1.4	.06	.0002	.03	.0028	.106
%RSD	.5775	.3106	.3759	.0400	1.082	.3937	1.838	.1344	1.679	1.490

#1	.3747	.4070	214.2	18.39	130.3	14.21	.0119	22.36	.1714	7.188
#2	.3786	.4059	214.7	18.38	127.5	14.25	.0115	22.31	.1710	7.184
#3	.3785	.4045	215.8	18.39	128.7	14.32	.0117	22.32	.1663	7.002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222	.0280	5.947	.0763	6.123	3.778	-.0020	.2018	6.083
Stddev	.0017	.0025	.135	.0014	.047	.010	.0011	.0009	.070
%RSD	7.799	8.993	2.263	1.849	.7745	.2594	56.99	.4516	1.146

#1	.0217	.0308	6.048	.0774	6.138	3.770	-.0009	.2009	6.129
#2	.0241	.0270	5.998	.0768	6.070	3.789	-.0020	.2027	6.117
#3	.0207	.0261	5.794	.0747	6.161	3.775	-.0031	.2017	6.003

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8065.6	42149.	17318.
Stddev	118.5	17.	86.
%RSD	1.4694	.03955	.49577

#1	7998.3	42168.	17370.
#2	7996.0	42144.	17365.
#3	8202.4	42136.	17219.

Sample Name: L1927796-03,T Acquired: 6/27/2019 23:34:51 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	242.0	.1844	.2903	2.999	.0215	.0057	723.8	.0153	.1052
Stddev	.0002	1.0	.0034	.0056	.033	.0001	.0003	3.9	.0003	.0017
%RSD	5.511	.4262	1.831	1.928	1.113	.2331	5.225	.5357	2.047	1.627

#1	.0038	241.3	.1861	.2941	3.033	.0215	.0061	726.5	.0155	.1062
#2	.0036	241.4	.1867	.2929	2.967	.0214	.0057	719.4	.0154	.1063
#3	.0040	243.2	.1805	.2839	2.998	.0215	.0055	725.7	.0149	.1033

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2979	2.209	299.0	24.33	122.7	13.15	.0095	6.098	.2933	5.254
Stddev	.0008	.001	.7	.06	1.3	.04	.0003	.013	.0050	.086
%RSD	.2838	.0582	.2342	.2563	1.092	.2795	3.323	.2152	1.697	1.647

#1	.2970	2.208	299.8	24.38	122.9	13.15	.0097	6.102	.2965	5.302
#2	.2984	2.209	298.8	24.26	121.3	13.11	.0097	6.083	.2959	5.305
#3	.2985	2.210	298.5	24.35	124.0	13.18	.0092	6.108	.2876	5.154

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284	.0191	8.894	.3552	1.540	2.140	-.0002	.3250	2.633
Stddev	.0001	.0009	.285	.0074	.002	.007	.0003	.0004	.035
%RSD	.2239	4.630	3.202	2.071	.1484	.3095	116.9	.1344	1.313

#1	.0284	.0186	9.025	.3593	1.542	2.134	.0000	.3245	2.653
#2	.0283	.0187	9.089	.3597	1.538	2.147	-.0005	.3253	2.654
#3	.0284	.0202	8.567	.3467	1.540	2.138	-.0002	.3251	2.593

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8239.6	43230.	17565.
Stddev	119.6	61.	72.
%RSD	1.4518	.14171	.41091

#1	8165.5	43264.	17561.
#2	8175.7	43160.	17640.
#3	8377.6	43268.	17496.

Sample Name: L1927796-05,T Acquired: 6/27/2019 23:40:06 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	59.65	.1026	.0809	.9653	.0070	.0029	119.9	.0099	.0999
Stddev	.0002	.09	.0019	.0018	.0002	.0000	.0004	.1	.0002	.0026
%RSD	16.59	.1456	1.853	2.213	.0206	.4916	13.03	.1202	2.446	2.595

#1	.0013	59.55	.1034	.0817	.9654	.0070	.0032	119.8	.0100	.1013
#2	.0011	59.67	.1041	.0822	.9650	.0070	.0030	119.8	.0100	.1014
#3	.0016	59.72	.1005	.0789	.9654	.0070	.0025	120.1	.0096	.0969

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2576	1.349	193.5	6.655	20.17	1.969	.0223	2.484	.2604	.7701
Stddev	.0018	.002	.3	.006	.04	.003	.0006	.009	.0062	.0191
%RSD	.6970	.1382	.1454	.0979	.1883	.1257	2.731	.3633	2.391	2.484

#1	.2558	1.350	193.8	6.660	20.13	1.970	.0227	2.477	.2641	.7806
#2	.2594	1.347	193.3	6.648	20.21	1.971	.0226	2.481	.2640	.7818
#3	.2576	1.349	193.4	6.658	20.16	1.966	.0216	2.494	.2532	.7481

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166	.0131	13.43	.2040	.4686	4.547	-.0040	.2611	1.084
Stddev	.0003	.0015	.61	.0053	.0010	.019	.0004	.0004	.024
%RSD	2.042	11.79	4.518	2.578	.2186	.4224	9.703	.1692	2.179

#1	.0167	.0146	13.58	.2079	.4674	4.554	-.0043	.2609	1.098
#2	.0168	.0130	13.95	.2060	.4692	4.561	-.0035	.2616	1.097
#3	.0162	.0115	12.77	.1980	.4692	4.525	-.0041	.2608	1.057

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7782.6	40731.	15722.
Stddev	165.4	55.	32.
%RSD	2.1256	.13481	.20633

#1	7696.0	40679.	15747.
#2	7678.5	40724.	15734.
#3	7973.4	40789.	15685.

Sample Name: L1927807-01,T Acquired: 6/27/2019 23:44:50 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106	143.3	.3408	.2653	2.124	.0166	.0199	649.0	.0324	.0733
Stddev	.0003	.5	.0047	.0042	.011	.0000	.0000	2.6	.0004	.0010
%RSD	2.765	.3809	1.392	1.568	.5123	.1188	.1341	.3978	1.225	1.394

#1	.0110	143.7	.3431	.2674	2.128	.0166	.0200	651.9	.0327	.0738
#2	.0104	142.7	.3439	.2681	2.112	.0166	.0199	648.2	.0325	.0740
#3	.0105	143.5	.3353	.2606	2.133	.0166	.0199	646.9	.0319	.0721

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3733	.9064	366.6	11.09	78.32	14.94	.0179	6.629	.2780	5.934
Stddev	.0011	.0014	2.1	.02	.38	.04	.0002	.014	.0035	.074
%RSD	.2984	.1519	.5717	.1952	.4852	.2447	.8738	.2082	1.242	1.251

#1	.3724	.9074	368.8	11.11	78.52	14.97	.0179	6.633	.2799	5.976
#2	.3729	.9070	364.6	11.08	77.88	14.90	.0181	6.641	.2801	5.978
#3	.3745	.9049	366.4	11.07	78.55	14.95	.0178	6.614	.2740	5.848

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2288	.0219	17.14	.1776	1.280	2.096	.0008	.2830	4.487
Stddev	.0050	.0036	.31	.0027	.001	.003	.0002	.0007	.042
%RSD	2.164	16.31	1.796	1.504	.0917	.1368	18.64	.2464	.9379

#1	.2316	.0182	17.29	.1799	1.281	2.095	.0009	.2825	4.515
#2	.2318	.0253	17.35	.1783	1.281	2.094	.0009	.2828	4.508
#3	.2231	.0223	16.79	.1747	1.279	2.099	.0007	.2838	4.439

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8217.9	43571.	17503.
Stddev	116.0	24.	48.
%RSD	1.4115	.05578	.27639

#1	8171.0	43598.	17454.
#2	8132.7	43565.	17550.
#3	8350.0	43551.	17505.

Sample Name: L1927807-02,T Acquired: 6/27/2019 23:49:51 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	226.3	.1024	.2613	2.445	.0286	-.0041	993.3	.0113	.0663
Stddev	.0002	.7	.0026	.0044	.024	.0000	.0004	4.7	.0002	.0009
%RSD	7.107	.3184	2.534	1.668	.9861	.0906	10.64	.4689	1.922	1.355

#1	.0030	226.8	.1038	.2643	2.442	.0287	-.0036	997.9	.0114	.0668
#2	.0030	226.6	.1039	.2632	2.423	.0286	-.0042	993.4	.0115	.0668
#3	.0034	225.5	.0994	.2563	2.471	.0286	-.0044	988.6	.0111	.0652

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3366	.3128	172.6	18.11	168.8	20.97	.0042	9.308	.1688	1.048
Stddev	.0013	.0007	.3	.00	.4	.04	.0003	.021	.0022	.014
%RSD	.3866	.2249	.1764	.0235	.2242	.1675	6.298	.2279	1.307	1.327

#1	.3374	.3131	173.0	18.11	169.1	21.00	.0045	9.304	.1699	1.058
#2	.3372	.3120	172.5	18.11	168.8	20.97	.0039	9.290	.1702	1.054
#3	.3351	.3133	172.4	18.11	168.4	20.93	.0042	9.332	.1662	1.033

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273	.0260	29.95	.0344	1.739	2.524	.0003	.1799	1.798
Stddev	.0008	.0025	.63	.0009	.018	.002	.0006	.0001	.019
%RSD	2.990	9.470	2.098	2.597	1.017	.0864	174.9	.0652	1.042

#1	.0264	.0285	30.33	.0354	1.743	2.527	.0010	.1800	1.806
#2	.0280	.0236	30.30	.0342	1.754	2.523	-.0001	.1798	1.811
#3	.0276	.0260	29.23	.0337	1.719	2.523	.0001	.1798	1.776

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	9739.3	51127.	21113.
Stddev	108.7	48.	44.
%RSD	1.1158	.09400	.20807

#1	9662.8	51101.	21066.
#2	9691.5	51182.	21120.
#3	9863.7	51097.	21153.

Sample Name: L1927807-04,T Acquired: 6/27/2019 23:55:24 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	22.23	.3873	.1053	.8517	.0026	.0817	173.5	.0536	.1150
Stddev	.0001	.02	.0077	.0017	.0018	.0000	.0029	.1	.0009	.0020
%RSD	2.820	.0718	1.999	1.659	.2083	.0809	3.546	.0655	1.760	1.761

#1	.0036	22.22	.3912	.1062	.8500	.0026	.0841	173.4	.0541	.1159
#2	.0036	22.25	.3923	.1063	.8535	.0026	.0825	173.5	.0541	.1163
#3	.0034	22.22	.3784	.1033	.8515	.0026	.0785	173.6	.0525	.1127

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3969	2.035	1054.	7.952	12.03	9.160	.0352	1.110	.3403	2.452
Stddev	.0025	.002	4.	.027	.07	.004	.0007	.002	.0059	.039
%RSD	.6279	.0751	.3842	.3441	.5956	.0473	1.977	.1495	1.731	1.574

#1	.3941	2.036	1051.	7.982	11.95	9.156	.0357	1.112	.3429	2.477
#2	.3988	2.034	1059.	7.945	12.09	9.160	.0354	1.109	.3445	2.471
#3	.3979	2.034	1053.	7.928	12.04	9.165	.0344	1.110	.3336	2.407

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2077	.0593	10.04	.1540	.2786	.8468	.0071	.1775	2.506
Stddev	.0041	.0017	.22	.0025	.0001	.0045	.0012	.0002	.034
%RSD	1.952	2.944	2.168	1.627	.0349	.5264	16.75	.1009	1.355

#1	.2095	.0611	10.11	.1554	.2786	.8417	.0067	.1773	2.528
#2	.2105	.0591	10.20	.1555	.2787	.8497	.0062	.1774	2.523
#3	.2030	.0576	9.789	.1511	.2785	.8490	.0084	.1777	2.467

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	6909.9	37888.	15117.
Stddev	123.1	48.	34.
%RSD	1.7818	.12751	.22400

#1	6845.0	37942.	15156.
#2	6832.9	37850.	15098.
#3	7051.9	37873.	15098.

Sample Name: L1927807-05,T Acquired: 6/28/2019 0:00:04 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	34.81	.0912	.0463	.3280	.0060	.0073	487.8	.0161	.0785
Stddev	.0002	.05	.0026	.0009	.0002	.0000	.0004	1.0	.0004	.0015
%RSD	69.12	.1465	2.811	1.918	.0755	.4551	5.708	.2097	2.223	1.933

#1	.0006	34.86	.0930	.0469	.3283	.0060	.0069	487.2	.0163	.0793
#2	.0004	34.75	.0924	.0467	.3278	.0060	.0077	487.2	.0163	.0795
#3	.0001	34.82	.0883	.0453	.3279	.0060	.0073	489.0	.0157	.0768

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0948	.4365	222.0	2.655	19.40	1.219	.0162	1.063	.1561	.3532
Stddev	.0004	.0006	.6	.020	.10	.003	.0003	.002	.0028	.0077
%RSD	.3712	.1409	.2861	.7395	.5050	.2272	2.102	.2246	1.794	2.185

#1	.0952	.4361	221.9	2.669	19.44	1.216	.0165	1.063	.1572	.3575
#2	.0945	.4372	221.4	2.633	19.29	1.220	.0164	1.060	.1582	.3578
#3	.0947	.4362	222.6	2.664	19.47	1.221	.0159	1.065	.1530	.3443

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167	.0198	8.285	.0104	.4934	2.408	-.0003	.1147	.8579
Stddev	.0005	.0012	.162	.0003	.0008	.005	.0006	.0003	.0170
%RSD	3.174	6.072	1.949	2.558	.1650	.2004	174.7	.2248	1.984

#1	.0173	.0188	8.329	.0106	.4943	2.411	-.0000	.1146	.8683
#2	.0165	.0211	8.421	.0105	.4929	2.410	.0000	.1146	.8672
#3	.0163	.0194	8.107	.0101	.4929	2.402	-.0010	.1150	.8383

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7595.1	39923.	15698.
Stddev	132.0	32.	40.
%RSD	1.7381	.08061	.25688

#1	7530.9	39957.	15713.
#2	7507.6	39919.	15728.
#3	7747.0	39893.	15652.

Sample Name: L1927807-06,T Acquired: 6/28/2019 0:04:57 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	51.90	.0943	.0798	.6177	.0053	.0071	192.6	.0100	.1177
Stddev	.0003	.05	.0024	.0019	.0014	.0000	.0009	.3	.0002	.0026
%RSD	32.21	.0918	2.524	2.441	.2327	.5514	12.74	.1501	2.462	2.211
#1	.0005	51.95	.0964	.0807	.6180	.0053	.0082	192.6	.0101	.1191
#2	.0008	51.86	.0948	.0811	.6189	.0053	.0068	192.3	.0101	.1192
#3	.0010	51.89	.0917	.0776	.6161	.0053	.0065	192.9	.0097	.1147
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993	.3276	210.3	5.775	12.81	2.947	.0139	3.596	.2527	.2139
Stddev	.0003	.0016	.6	.033	.02	.002	.0005	.015	.0061	.0046
%RSD	.3174	.4855	.2954	.5694	.1311	.0689	3.346	.4089	2.412	2.143
#1	.0996	.3294	211.0	5.812	12.81	2.944	.0143	3.611	.2568	.2168
#2	.0993	.3263	209.7	5.762	12.79	2.948	.0140	3.581	.2557	.2163
#3	.0990	.3271	210.3	5.750	12.83	2.947	.0134	3.595	.2457	.2086
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0145	.0141	11.12	.0092	1.137	4.457	-.0022	.1809	3.890	
Stddev	.0009	.0006	.52	.0005	.003	.017	.0006	.0008	.082	
%RSD	6.405	4.533	4.718	4.919	.2808	.3818	24.68	.4250	2.111	
#1	.0151	.0136	11.53	.0097	1.140	4.477	-.0017	.1818	3.936	
#2	.0150	.0148	11.29	.0088	1.135	4.449	-.0023	.1805	3.939	
#3	.0134	.0139	10.53	.0091	1.134	4.446	-.0028	.1804	3.795	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7682.0	40105.	15564.							
Stddev	159.9	115.	37.							
%RSD	2.0817	.28628	.23695							
#1	7577.2	39973.	15584.							
#2	7602.8	40181.	15586.							
#3	7866.1	40162.	15521.							

Sample Name: WG1254013-2,C Acquired: 6/28/2019 0:09:43 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496	2.009	.1349	1.074	1.949	.0512	-.0026	10.06	.0545	.4964
Stddev	.0002	.004	.0025	.022	.002	.0002	.0004	.04	.0009	.0090
%RSD	.3710	.1828	1.832	2.089	.0832	.3837	15.85	.3759	1.702	1.818

#1	.0495	2.008	.1361	1.087	1.951	.0510	-.0030	10.02	.0549	.5019
#2	.0496	2.014	.1365	1.086	1.948	.0514	-.0022	10.09	.0551	.5013
#3	.0498	2.007	.1320	1.048	1.950	.0512	-.0026	10.06	.0534	.4860

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052	.2389	1.152	10.09	9.582	.5047	.9833	143.8	.4996	.5310
Stddev	.0001	.0006	.001	.02	.011	.0009	.0181	.9	.0090	.0091
%RSD	.0700	.2405	.1033	.1970	.1146	.1754	1.841	.6314	1.794	1.716

#1	.2052	.2387	1.151	10.07	9.588	.5038	.9936	144.1	.5047	.5368
#2	.2051	.2385	1.153	10.09	9.569	.5055	.9940	144.5	.5048	.5356
#3	.2054	.2396	1.151	10.11	9.588	.5049	.9624	142.7	.4892	.5205

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5155	.1327	.7981	.9852	.9507	.9888	.1165	.5068	.5432
Stddev	.0109	.0038	.0170	.0168	.0010	.0017	.0031	.0009	.0082
%RSD	2.110	2.842	2.124	1.707	.1084	.1692	2.653	.1818	1.513

#1	.5215	.1365	.8083	.9965	.9506	.9898	.1179	.5067	.5484
#2	.5220	.1327	.8075	.9932	.9497	.9869	.1186	.5060	.5475
#3	.5029	.1289	.7785	.9659	.9518	.9898	.1129	.5078	.5337

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7466.4	38136.	14643.
Stddev	130.4	34.	23.
%RSD	1.7471	.09004	.15982

#1	7388.4	38097.	14658.
#2	7393.7	38160.	14616.
#3	7617.0	38151.	14655.

Sample Name: CCV Acquired: 6/28/2019 0:14:25 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4989	.5148	.5347	.5078	.4951	.5029	-.0018	F .5603	.5065	.4972
Stddev	.0004	.0026	.0101	.0088	.0007	.0020	.0000	.0041	.0064	.0077
%RSD	.0870	.5051	1.891	1.740	.1442	.3893	2.574	.7368	1.268	1.541

#1	.4993	.5132	.5379	.5127	.4947	.5037	-.0018	.5627	.5103	.5011
#2	.4985	.5178	.5428	.5132	.4959	.5044	-.0018	.5626	.5102	.5022
#3	.4988	.5134	.5234	.4976	.4947	.5007	-.0017	.5555	.4991	.4884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit								.5524		
Low Limit								.4476		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126	.4743	F .5618	4.782	.5223	.5127	.4919	9.370	.5155	.5240
Stddev	.0013	.0001	.0023	.029	.0027	.0023	.0072	.030	.0079	.0080
%RSD	.2551	.0276	.4107	.6173	.5125	.4496	1.460	.3247	1.535	1.525

#1	.5127	.4742	.5620	4.775	.5213	.5121	.4951	9.379	.5199	.5279
#2	.5113	.4744	.5641	4.815	.5253	.5152	.4969	9.395	.5203	.5293
#3	.5139	.4741	.5595	4.757	.5202	.5107	.4837	9.337	.5064	.5148

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524							
Low Limit			.4476							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5014	.5035	5.532	.5009	.4724	.4927	.5086	.5003	.5244
Stddev	.0065	.0090	.096	.0072	.0006	.0011	.0077	.0012	.0064
%RSD	1.295	1.793	1.742	1.447	.1207	.2194	1.515	.2304	1.224

#1	.5011	.5074	5.585	.5036	.4730	.4928	.5131	.5005	.5284
#2	.5081	.5098	5.590	.5063	.4725	.4916	.5130	.4991	.5279
#3	.4951	.4931	5.421	.4927	.4719	.4937	.4997	.5013	.5170

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7868.4	40855.	15126.
Stddev	118.2	58.	87.
%RSD	1.5018	.14134	.57282

#1	7814.7	40813.	15210.
#2	7786.5	40921.	15037.
#3	8003.8	40833.	15130.

Sample Name: CCB Acquired: 6/28/2019 0:18:57 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0022	-.0002	-.0010	.0003	.0003	.0003	.0179	.0003	.0004
Stddev	.0001	.0011	.0006	.0002	.0001	.0000	.0003	.0022	.0000	.0001
%RSD	21.10	52.21	322.0	16.14	15.02	10.60	76.31	12.10	9.389	25.69

#1	.0004	-.0009	.0004	-.0010	.0003	.0003	.0001	.0160	.0003	.0005
#2	.0004	-.0026	-.0009	-.0008	.0003	.0004	.0006	.0202	.0003	.0003
#3	.0003	-.0030	-.0001	-.0011	.0004	.0004	.0003	.0175	.0002	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	-.0002	.0236	.0021	.0026	.0008	.0017	.0289	.0008	.0001
Stddev	.0002	.0001	.0004	.0169	.0001	.0003	.0005	.0028	.0001	.0005
%RSD	16.31	73.07	1.638	795.7	2.643	31.81	32.27	9.834	10.23	505.3

#1	.0008	-.0002	.0235	-.0128	.0027	.0006	.0022	.0270	.0009	.0003
#2	.0011	-.0003	.0240	.0205	.0026	.0011	.0018	.0275	.0007	-.0005
#3	.0010	-.0000	.0232	-.0012	.0026	.0007	.0011	.0321	.0007	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046	.0001	.0268	-.0019	.0004	.0009	.0001	.0002	.0005
Stddev	.0005	.0019	.0016	.0007	.0000	.0000	.0006	.0001	.0002
%RSD	10.57	2124.	5.988	39.39	7.555	5.168	506.9	47.14	29.43

#1	.0050	.0007	.0286	-.0010	.0004	.0010	-.0005	.0004	.0007
#2	.0047	.0016	.0259	-.0022	.0004	.0009	.0007	.0002	.0005
#3	.0041	-.0020	.0259	-.0024	.0004	.0009	.0001	.0002	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8004.5	41473.	15037.
Stddev	233.8	18.	53.
%RSD	2.9214	.04228	.35223

#1	7877.8	41453.	15090.
#2	7861.4	41483.	15037.
#3	8274.3	41483.	14984.

Sample Name: L1927245-05,C Acquired: 6/28/2019 0:23:47 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0200	.0011	.0055	.0628	-.0000	.0001	61.79	.0006	.0012
Stddev	.0002	.0011	.0012	.0005	.0001	.0000	.0005	.15	.0000	.0001
%RSD	110.7	5.368	106.8	9.902	.1817	107.6	753.8	.2475	7.449	5.376
#1	.0000	.0192	.0026	.0060	.0627	-.0000	-.0005	61.83	.0006	.0012
#2	-.0003	.0196	.0004	.0057	.0629	-.0000	.0002	61.63	.0006	.0011
#3	-.0002	.0212	.0004	.0049	.0627	-.0000	.0005	61.92	.0006	.0012
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0068	.0214	1.073	1.169	.0936	.0009	133.6	.0049	.0123
Stddev	.0002	.0001	.0007	.018	.005	.0003	.0001	.7	.0002	.0013
%RSD	18.30	1.497	3.304	1.696	.4576	.3453	5.869	.5125	3.201	10.21
#1	.0012	.0069	.0222	1.062	1.173	.0935	.0009	133.2	.0049	.0136
#2	.0012	.0068	.0208	1.063	1.163	.0940	.0009	133.3	.0050	.0111
#3	.0016	.0067	.0212	1.094	1.171	.0934	.0008	134.4	.0047	.0121
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0018	.0006	1.609	-.0028	.1664	.0004	.0001	.0143	.1346	
Stddev	.0002	.0004	.062	.0004	.0001	.0002	.0002	.0001	.0040	
%RSD	11.28	71.18	3.839	13.02	.0847	54.31	116.8	.7491	2.971	
#1	.0018	.0002	1.649	-.0024	.1664	.0005	.0000	.0142	.1371	
#2	.0020	.0005	1.641	-.0031	.1666	.0002	.0003	.0144	.1368	
#3	.0016	.0011	1.538	-.0029	.1663	.0006	.0001	.0143	.1300	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7418.9	37857.	14575.							
Stddev	233.8	17.	55.							
%RSD	3.1510	.04485	.37479							
#1	7291.1	37839.	14524.							
#2	7276.8	37861.	14633.							
#3	7688.7	37872.	14567.							

Sample Name: WG1254013-3,C Acquired: 6/28/2019 0:28:40 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502	2.030	.1366	1.091	2.014	.0515	-.0021	72.03	.0547	.4974
Stddev	.0001	.004	.0026	.025	.003	.0002	.0005	.26	.0008	.0099
%RSD	.1897	.2007	1.875	2.339	.1600	.4042	22.51	.3570	1.490	1.991

#1	.0501	2.035	.1390	1.104	2.010	.0516	-.0018	72.32	.0551	.5023
#2	.0502	2.028	.1368	1.108	2.015	.0512	-.0018	71.85	.0552	.5038
#3	.0503	2.028	.1339	1.062	2.017	.0515	-.0026	71.91	.0537	.4860

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052	.2463	1.095	11.18	10.72	.5974	.9888	144.0	.5013	.5424
Stddev	.0004	.0003	.003	.02	.01	.0004	.0203	.8	.0098	.0104
%RSD	.1706	.1268	.2945	.1426	.1339	.0747	2.055	.5758	1.964	1.919

#1	.2054	.2466	1.095	11.17	10.73	.5975	.9991	144.6	.5063	.5483
#2	.2048	.2463	1.092	11.17	10.72	.5978	1.002	144.5	.5076	.5485
#3	.2054	.2460	1.099	11.20	10.70	.5970	.9653	143.1	.4900	.5304

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5268	.1332	2.421	.9861	1.116	.9870	.1160	.5227	.6709
Stddev	.0132	.0024	.058	.0180	.003	.0017	.0019	.0004	.0102
%RSD	2.506	1.824	2.388	1.822	.2314	.1765	1.650	.0839	1.513

#1	.5314	.1350	2.448	.9964	1.114	.9864	.1171	.5223	.6768
#2	.5370	.1340	2.459	.9965	1.115	.9889	.1170	.5232	.6766
#3	.5119	.1304	2.354	.9653	1.119	.9856	.1137	.5226	.6591

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7313.8	37726.	14581.
Stddev	156.3	16.	52.
%RSD	2.1373	.04227	.35887

#1	7230.4	37714.	14522.
#2	7217.0	37721.	14598.
#3	7494.2	37744.	14622.

Sample Name: WG1254013-4,C Acquired: 6/28/2019 0:33:20 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0161	.0015	.0058	.0632	-.0000	.0001	62.12	.0006	.0012
Stddev	.0002	.0015	.0008	.0004	.0002	.0000	.0007	.10	.0000	.0001
%RSD	107.4	9.068	51.14	7.580	.3744	25.09	1062.	.1618	6.102	11.20

#1	-.0001	.0145	.0012	.0062	.0632	-.0000	.0007	62.00	.0006	.0012
#2	-.0003	.0173	.0009	.0060	.0635	-.0000	.0000	62.19	.0006	.0013
#3	-.0000	.0167	.0024	.0053	.0630	-.0001	-.0006	62.16	.0005	.0010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0066	.0161	1.094	1.179	.0942	.0022	133.7	.0051	.0125
Stddev	.0003	.0001	.0006	.015	.004	.0005	.0004	1.2	.0002	.0006
%RSD	21.09	2.039	3.961	1.321	.3200	.5225	18.58	.8790	4.115	4.520

#1	.0018	.0064	.0154	1.080	1.180	.0936	.0025	132.3	.0050	.0129
#2	.0016	.0067	.0162	1.093	1.174	.0944	.0024	134.3	.0053	.0126
#3	.0012	.0067	.0167	1.109	1.182	.0945	.0017	134.4	.0049	.0118

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0017	1.606	-.0028	.1660	.0008	-.0006	.0143	.1351
Stddev	.0006	.0010	.056	.0003	.0004	.0001	.0008	.0001	.0037
%RSD	331.7	58.09	3.492	10.07	.2501	6.986	140.2	.5271	2.768

#1	.0002	.0027	1.642	-.0030	.1656	.0007	.0004	.0142	.1372
#2	-.0008	.0013	1.636	-.0028	.1663	.0008	-.0010	.0143	.1373
#3	.0001	.0009	1.542	-.0025	.1662	.0007	-.0011	.0143	.1308

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7447.6	37987.	14563.
Stddev	206.5	65.	18.
%RSD	2.7728	.17153	.12079

#1	7332.5	37912.	14579.
#2	7324.4	38029.	14544.
#3	7686.1	38019.	14565.

Sample Name: WG1254013-5,C Acquired: 6/28/2019 0:38:15 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097	2.054	.1391	1.122	2.054	.0528	-.0019	70.30	.0564	.5088
Stddev	.0000	.003	.0027	.022	.002	.0002	.0004	.37	.0009	.0088
%RSD	.4116	.1214	1.918	1.957	.1120	.2892	19.74	.5294	1.521	1.732

#1	.0096	2.055	.1419	1.135	2.053	.0529	-.0024	70.35	.0570	.5141
#2	.0097	2.055	.1389	1.134	2.053	.0529	-.0018	70.65	.0569	.5136
#3	.0097	2.051	.1366	1.097	2.057	.0527	-.0016	69.91	.0554	.4986

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2087	.2517	1.116	11.47	10.99	.6060	1.016	140.7	.5128	.5562
Stddev	.0008	.0011	.001	.02	.10	.0014	.017	1.0	.0084	.0101
%RSD	.3649	.4442	.0894	.1488	.9430	.2337	1.702	.7108	1.631	1.825

#1	.2096	.2514	1.115	11.45	11.02	.6071	1.026	141.1	.5173	.5624
#2	.2084	.2507	1.117	11.47	11.07	.6065	1.026	141.3	.5180	.5617
#3	.2081	.2529	1.116	11.48	10.87	.6044	.9962	139.5	.5032	.5445

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5283	.1373	1.808	1.015	1.141	1.015	.1206	.5333	.6809
Stddev	.0099	.0023	.033	.015	.001	.000	.0017	.0009	.0084
%RSD	1.875	1.702	1.829	1.507	.1138	.0274	1.369	.1750	1.236

#1	.5340	.1372	1.829	1.025	1.142	1.015	.1216	.5333	.6862
#2	.5341	.1397	1.826	1.023	1.140	1.015	.1216	.5324	.6853
#3	.5169	.1350	1.770	.9972	1.142	1.014	.1187	.5343	.6712

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7339.0	37820.	14566.
Stddev	129.3	49.	96.
%RSD	1.7620	.13061	.65576

#1	7269.1	37834.	14547.
#2	7259.6	37861.	14481.
#3	7488.2	37765.	14669.

Sample Name: WG1254013-6,C,5 Acquired: 6/28/2019 0:42:56 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0005	.0011	.0002	.0131	-.0001	-.0001	12.78	.0001	.0003
Stddev	.0001	.0011	.0007	.0002	.0000	.0000	.0005	.06	.0000	.0000
%RSD	38.98	225.7	62.06	74.04	.1868	14.10	772.4	.4945	22.67	1.882

#1	-.0002	-.0007	.0017	.0002	.0131	-.0001	-.0004	12.74	.0001	.0003
#2	-.0002	.0007	.0010	.0004	.0131	-.0001	.0005	12.75	.0001	.0003
#3	-.0001	.0015	.0004	.0001	.0131	-.0001	-.0002	12.85	.0001	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0011	.0071	.1806	.2537	.0194	.0023	27.14	.0015	.0035
Stddev	.0003	.0001	.0003	.0080	.0008	.0001	.0005	.13	.0002	.0002
%RSD	19.50	7.078	4.301	4.409	.3336	.6273	21.35	.4720	10.77	6.578

#1	.0013	.0012	.0070	.1792	.2536	.0192	.0028	27.01	.0014	.0036
#2	.0017	.0011	.0074	.1892	.2529	.0194	.0022	27.27	.0017	.0037
#3	.0012	.0011	.0068	.1735	.2546	.0194	.0018	27.14	.0015	.0032

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	.0007	.3229	-.0037	.0343	.0004	-.0001	.0029	.0274
Stddev	.0012	.0002	.0120	.0003	.0002	.0002	.0004	.0001	.0008
%RSD	30.00	24.15	3.729	8.396	.4817	41.28	433.6	2.419	3.046

#1	.0052	.0006	.3306	-.0041	.0341	.0003	.0004	.0030	.0279
#2	.0035	.0009	.3290	-.0035	.0344	.0006	-.0002	.0028	.0279
#3	.0029	.0006	.3090	-.0036	.0343	.0003	-.0005	.0029	.0264

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7837.8	40282.	14930.
Stddev	232.5	45.	134.
%RSD	2.9665	.11113	.89981

#1	7716.7	40324.	15030.
#2	7690.9	40235.	14983.
#3	8105.9	40289.	14777.

Sample Name: L1927245-06,C Acquired: 6/28/2019 0:47:44 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0103	.0019	.0087	.0588	-.0001	-.0001	70.71	.0006	.0010
Stddev	.0001	.0021	.0006	.0006	.0001	.0000	.0001	.16	.0000	.0000
%RSD	200.1	20.75	32.78	6.594	.1994	1.886	139.3	.2314	3.884	3.585

#1	-.0001	.0083	.0014	.0089	.0588	-.0001	.0000	70.89	.0006	.0011
#2	.0001	.0101	.0026	.0091	.0586	-.0001	-.0002	70.65	.0006	.0010
#3	-.0001	.0126	.0018	.0080	.0589	-.0001	-.0001	70.58	.0006	.0010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0076	.0156	1.264	1.134	.1001	.0010	132.2	.0062	.0048
Stddev	.0002	.0003	.0010	.009	.001	.0005	.0001	.7	.0003	.0008
%RSD	10.61	3.908	6.508	.7360	.0821	.5440	13.12	.5450	4.478	15.76

#1	.0015	.0074	.0165	1.260	1.135	.0999	.0011	131.4	.0063	.0046
#2	.0016	.0079	.0145	1.274	1.134	.0997	.0010	132.8	.0064	.0056
#3	.0013	.0075	.0156	1.257	1.134	.1008	.0009	132.5	.0059	.0041

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0008	2.408	-.0030	.1958	.0004	-.0010	.0206	.1800
Stddev	.0009	.0010	.085	.0002	.0001	.0001	.0004	.0001	.0053
%RSD	55.58	132.3	3.536	5.372	.0655	15.49	35.79	.3184	2.926

#1	.0020	.0004	2.451	-.0029	.1959	.0004	-.0015	.0206	.1833
#2	.0022	.0000	2.464	-.0030	.1957	.0003	-.0008	.0206	.1828
#3	.0006	.0020	2.310	-.0032	.1957	.0004	-.0009	.0205	.1739

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7399.9	37917.	14656.
Stddev	226.3	51.	57.
%RSD	3.0575	.13534	.38708

#1	7278.8	37866.	14594.
#2	7259.9	37968.	14669.
#3	7660.9	37918.	14705.

Sample Name: L1927245-07,C Acquired: 6/28/2019 0:52:37 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0084	-.0003	.0078	.0524	-.0001	-.0001	76.11	.0003	.0002
Stddev	.0001	.0011	.0006	.0003	.0000	.0000	.0003	.44	.0000	.0001
%RSD	54.07	13.08	236.9	4.426	.0932	7.353	349.1	.5759	9.385	42.90
#1	-.0002	.0073	.0004	.0081	.0524	-.0001	-.0001	75.63	.0003	.0002
#2	-.0001	.0095	-.0005	.0078	.0524	-.0001	.0002	76.19	.0003	.0003
#3	-.0001	.0085	-.0008	.0074	.0523	-.0001	-.0004	76.50	.0003	.0001
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0007	.0123	.7344	3.210	.0334	.0003	132.2	.0017	.0525
Stddev	.0002	.0000	.0005	.0229	.026	.0004	.0002	1.5	.0002	.0003
%RSD	12.39	3.697	4.414	3.118	.8147	1.092	52.68	1.147	12.86	.5753
#1	.0018	.0007	.0117	.7105	3.180	.0330	.0005	130.5	.0017	.0527
#2	.0022	.0007	.0125	.7365	3.219	.0336	.0004	133.5	.0018	.0526
#3	.0017	.0006	.0128	.7562	3.230	.0335	.0001	132.6	.0014	.0521
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0007	.0007	1.825	-.0036	.1117	.0002	-.0010	.0030	.0087	
Stddev	.0003	.0011	.066	.0004	.0003	.0001	.0004	.0001	.0002	
%RSD	43.56	159.3	3.594	11.43	.2528	43.39	35.12	2.808	2.562	
#1	-.0007	-.0005	1.866	-.0040	.1119	.0001	-.0015	.0030	.0089	
#2	-.0003	.0008	1.859	-.0032	.1118	.0002	-.0008	.0031	.0087	
#3	-.0009	.0017	1.749	-.0038	.1114	.0001	-.0009	.0030	.0085	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7398.2	37908.	14623.							
Stddev	215.7	65.	134.							
%RSD	2.9155	.17206	.91510							
#1	7268.9	37982.	14769.							
#2	7278.6	37879.	14594.							
#3	7647.2	37862.	14506.							

Sample Name: L1927245-08,C Acquired: 6/28/2019 0:57:33 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0119	.0006	.0046	.0431	-.0001	.0002	73.48	.0017	.0014
Stddev	.0002	.0018	.0006	.0004	.0001	.0000	.0002	.16	.0000	.0001
%RSD	469.9	15.48	111.1	9.140	.2851	31.60	91.82	.2145	2.286	8.516

#1	.0000	.0100	.0011	.0051	.0430	-.0001	.0004	73.40	.0018	.0014
#2	.0001	.0137	-.0001	.0047	.0432	-.0001	.0002	73.66	.0018	.0014
#3	-.0003	.0120	.0007	.0042	.0431	-.0001	.0000	73.38	.0017	.0012

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0019	.0122	1.272	1.353	.0863	-.0000	133.5	.0051	.1292
Stddev	.0002	.0001	.0006	.012	.004	.0001	.0001	.5	.0003	.0038
%RSD	15.93	2.940	5.034	.9474	.2959	.0696	212.9	.3615	5.033	2.938

#1	.0010	.0018	.0128	1.267	1.357	.0864	.0000	134.1	.0048	.1312
#2	.0014	.0019	.0122	1.263	1.349	.0862	-.0000	133.3	.0053	.1316
#3	.0012	.0019	.0115	1.286	1.352	.0863	-.0001	133.2	.0052	.1248

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0010	.7287	-.0039	.1602	.0004	-.0000	.0175	.1668
Stddev	.0004	.0011	.0269	.0003	.0002	.0001	.0008	.0004	.0045
%RSD	139.7	109.5	3.697	8.689	.1076	18.95	2840.	2.214	2.716

#1	.0002	.0012	.7458	-.0036	.1600	.0004	-.0009	.0175	.1693
#2	-.0007	.0019	.7427	-.0038	.1604	.0003	.0003	.0171	.1696
#3	-.0004	-.0002	.6977	-.0043	.1603	.0004	.0005	.0179	.1616

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7415.9	37990.	14593.
Stddev	205.0	71.	39.
%RSD	2.7645	.18613	.26906

#1	7309.4	37960.	14616.
#2	7286.0	38071.	14548.
#3	7652.2	37939.	14615.

Sample Name: L1927245-09,C Acquired: 6/28/2019 1:02:26 Type: Unk
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0395	.0007	.0048	.0875	.0000	.0005	27.04	.0002	.0002
Stddev	.0001	.0052	.0010	.0002	.0001	.0000	.0005	.05	.0000	.0001
%RSD	103.3	13.25	134.7	3.277	.1403	423.2	88.47	.1935	8.859	29.36
#1	.0001	.0451	.0009	.0048	.0875	-.0000	.0010	27.08	.0002	.0003
#2	-.0000	.0388	-.0003	.0050	.0877	-.0000	.0000	26.98	.0002	.0002
#3	.0001	.0347	.0016	.0046	.0874	.0001	.0006	27.07	.0002	.0002
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0138	.0096	1.020	1.090	.0552	-.0001	130.2	.0044	.0351
Stddev	.0003	.0001	.0002	.012	.002	.0003	.0001	1.9	.0002	.0013
%RSD	15.23	.3913	2.075	1.174	.1613	.5134	105.2	1.494	3.571	3.638
#1	.0022	.0138	.0096	1.011	1.091	.0552	-.0001	131.7	.0043	.0355
#2	.0017	.0138	.0098	1.034	1.088	.0555	-.0000	130.9	.0045	.0361
#3	.0017	.0139	.0094	1.016	1.090	.0549	-.0003	128.0	.0042	.0336
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0016	-.0004	1.001	-.0037	.1075	.0001	-.0004	.0004	.0459	
Stddev	.0010	.0023	.034	.0003	.0002	.0000	.0005	.0001	.0012	
%RSD	64.80	514.8	3.422	7.052	.1878	30.53	125.9	21.72	2.656	
#1	-.0026	.0020	1.022	-.0037	.1077	.0001	-.0003	.0004	.0467	
#2	-.0015	-.0007	1.021	-.0039	.1074	.0001	.0000	.0004	.0466	
#3	-.0006	-.0026	.9618	-.0034	.1073	.0001	-.0010	.0003	.0445	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	7537.8	38360.	14687.							
Stddev	229.7	40.	24.							
%RSD	3.0478	.10512	.16638							
#1	7401.6	38341.	14687.							
#2	7408.8	38406.	14712.							
#3	7803.1	38333.	14663.							

Sample Name: 0.005 Acquired: 6/28/2019 1:07:19 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1243835 Custom ID2: Trace 6 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0161	.0239	F .0169	.0141	.0165	F .0167	.0155	.0379	F .0164	.0164
Stddev	.0001	.0018	.0003	.0008	.0004	.0003	.0010	.0047	.0005	.0005
%RSD	.3973	7.631	1.589	5.998	2.712	1.725	6.196	12.49	3.003	3.335
#1	.0162	.0220	.0169	.0145	.0169	.0171	.0153	.0424	.0167	.0166
#2	.0161	.0256	.0171	.0146	.0165	.0166	.0166	.0330	.0167	.0167
#3	.0160	.0242	.0166	.0131	.0160	.0165	.0147	.0383	.0158	.0157
Check ?	Chk Fail	None	Chk Fail	None	None	Chk Fail	None	None	Chk Fail	None
High Limit	.0065		.0065			.0065			.0065	
Low Limit	.0035		.0035			.0035			.0035	
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178	.0153	.0372	.6966	.0295	.0181	.0152	.5981	.0166	.0167
Stddev	.0001	.0001	.0008	.0203	.0009	.0002	.0006	.0070	.0006	.0010
%RSD	.8349	.4142	2.102	2.909	3.197	1.097	4.009	1.176	3.602	6.175
#1	.0180	.0153	.0375	.7125	.0306	.0181	.0158	.6055	.0169	.0163
#2	.0177	.0153	.0363	.7036	.0294	.0183	.0154	.5972	.0170	.0179
#3	.0178	.0152	.0377	.6738	.0287	.0179	.0146	.5916	.0159	.0160
Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0117	.0151	.1420	.0110	.0163	.0165	.0162	.0162	.0174	
Stddev	.0004	.0006	.0047	.0008	.0002	.0003	.0008	.0001	.0004	
%RSD	3.117	3.953	3.314	7.641	1.370	1.808	4.834	.5614	2.358	
#1	.0121	.0157	.1456	.0114	.0165	.0168	.0171	.0162	.0176	
#2	.0116	.0147	.1439	.0117	.0164	.0164	.0159	.0161	.0176	
#3	.0114	.0147	.1367	.0101	.0161	.0162	.0157	.0163	.0169	
Check ?	None	None	None	None	None	None	None	None	None	
High Limit										
Low Limit										
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	8016.6	41690.	15151.							
Stddev	161.3	41.	26.							
%RSD	2.0128	.09944	.16838							
#1	7913.2	41736.	15172.							
#2	7934.1	41677.	15158.							
#3	8202.5	41656.	15123.							

Sample Name: CCV Acquired: 6/28/2019 1:12:04 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977	.5019	.5353	.5051	.4904	.5031	-.0020	.5069	.5085	.4987
Stddev	.0004	.0017	.0075	.0085	.0010	.0011	.0003	.0008	.0065	.0070
%RSD	.0861	.3457	1.403	1.689	.1998	.2226	13.34	.1598	1.278	1.409
#1	.4982	.5021	.5397	.5105	.4911	.5022	-.0023	.5069	.5116	.5030
#2	.4974	.5035	.5396	.5096	.4907	.5044	-.0019	.5077	.5129	.5025
#3	.4974	.5000	.5266	.4953	.4893	.5027	-.0018	.5061	.5010	.4906

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5137	.4703	.5205	4.756	.5210	.5118	.4872	9.258	.5144	.5246
Stddev	.0026	.0011	.0009	.006	.0032	.0018	.0063	.017	.0072	.0062
%RSD	.5031	.2263	.1663	.1174	.6179	.3500	1.287	.1853	1.397	1.178
#1	.5160	.4691	.5195	4.750	.5227	.5108	.4902	9.253	.5185	.5287
#2	.5109	.4711	.5210	4.761	.5230	.5138	.4915	9.277	.5186	.5276
#3	.5142	.4707	.5211	4.757	.5173	.5106	.4800	9.244	.5061	.5175

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996	.5022	5.456	.4999	.4673	.4882	.5098	.5008	.5295
Stddev	.0061	.0078	.088	.0063	.0005	.0001	.0087	.0006	.0063
%RSD	1.220	1.556	1.613	1.260	.0982	.0247	1.714	.1214	1.194
#1	.5005	.5061	5.510	.5030	.4672	.4882	.5141	.5014	.5323
#2	.5052	.5073	5.503	.5040	.4678	.4884	.5156	.5002	.5339
#3	.4931	.4932	5.354	.4926	.4668	.4882	.4997	.5009	.5222

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7928.8	40964.	15109.
Stddev	115.5	27.	90.
%RSD	1.4564	.06687	.59292
#1	7857.9	40995.	15186.
#2	7866.5	40951.	15010.
#3	8062.1	40945.	15130.

Sample Name: CCB Acquired: 6/28/2019 1:16:35 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0024	.0004	-.0013	.0003	.0003	.0005	.0023	.0002	.0002
Stddev	.0001	.0012	.0005	.0002	.0002	.0000	.0002	.0034	.0000	.0001
%RSD	27.06	51.72	125.4	15.40	59.15	5.204	53.59	151.1	14.38	28.80
#1	.0002	-.0023	.0005	-.0011	.0001	.0003	.0007	.0033	.0002	.0003
#2	.0003	-.0037	.0009	-.0015	.0005	.0003	.0002	-.0016	.0002	.0003
#3	.0002	-.0012	-.0002	-.0012	.0002	.0002	.0005	.0051	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	-.0003	.0046	.0002	.0022	.0005	.0013	.0298	.0007	-.0002
Stddev	.0001	.0000	.0001	.0005	.0011	.0002	.0006	.0038	.0001	.0008
%RSD	7.946	15.04	2.118	270.6	49.61	34.31	45.38	12.86	12.68	462.3
#1	.0008	-.0003	.0045	.0001	.0023	.0005	.0018	.0254	.0008	-.0001
#2	.0008	-.0003	.0047	-.0003	.0010	.0003	.0013	.0316	.0007	-.0010
#3	.0009	-.0004	.0046	.0007	.0032	.0007	.0007	.0324	.0007	.0006

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	.0005	.0072	-.0022	.0002	.0007	.0005	.0002	.0004
Stddev	.0013	.0012	.0008	.0005	.0001	.0005	.0002	.0001	.0001
%RSD	25.56	238.2	10.97	23.04	44.03	68.03	44.54	27.84	19.74
#1	.0062	.0017	.0074	-.0016	.0002	.0011	.0004	.0002	.0005
#2	.0052	.0006	.0078	-.0024	.0003	.0003	.0008	.0002	.0005
#3	.0037	-.0008	.0063	-.0026	.0001	.0006	.0004	.0001	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8073.1	41602.	14981.
Stddev	264.7	34.	24.
%RSD	3.2786	.08257	.15784
#1	7923.1	41592.	14983.
#2	7917.5	41573.	14956.
#3	8378.7	41640.	15004.

Sample Name: 0.01 Acquired: 6/28/2019 1:21:23 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1243835 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099	.0079	.0088	.0083	.0100	.0101	.0099	.0136	.0104	.0103
Stddev	.0001	.0013	.0007	.0006	.0002	.0000	.0005	.0037	.0003	.0003
%RSD	1.283	16.80	7.800	6.935	1.775	.2486	5.156	27.20	2.489	2.820

#1	.0101	.0083	.0090	.0083	.0098	.0101	.0099	.0105	.0105	.0105
#2	.0100	.0064	.0093	.0088	.0102	.0101	.0104	.0127	.0105	.0105
#3	.0098	.0089	.0080	.0077	.0099	.0101	.0094	.0177	.0101	.0100

Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	None	None	None	None	Chk Pass
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119	.0094	.0189	.1366	.0131	.0112	.0101	.0695	.0109	.0101
Stddev	.0002	.0001	.0012	.0128	.0008	.0003	.0003	.0036	.0004	.0002
%RSD	2.069	.9285	6.448	9.396	6.431	2.837	3.307	5.118	3.609	1.573

#1	.0119	.0095	.0196	.1231	.0141	.0109	.0104	.0706	.0111	.0102
#2	.0121	.0094	.0175	.1379	.0125	.0111	.0102	.0655	.0110	.0102
#3	.0116	.0094	.0197	.1487	.0127	.0115	.0097	.0723	.0104	.0099

Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value										
Range										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102	.0097	.0240	F .0060	.0099	.0102	.0101	.0100	.0119
Stddev	.0005	.0005	.0002	.0003	.0001	.0001	.0006	.0002	.0003
%RSD	4.980	5.234	.7764	4.390	.7047	.8052	6.100	1.593	2.564

#1	.0103	.0097	.0241	.0063	.0098	.0101	.0096	.0098	.0121
#2	.0107	.0102	.0241	.0060	.0100	.0102	.0108	.0101	.0121
#3	.0097	.0092	.0238	.0058	.0099	.0101	.0100	.0100	.0116

Check ?	None	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value				.0131					
Range				.0070					

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8025.8	41583.	14949.
Stddev	185.7	39.	70.
%RSD	2.3132	.09321	.47105

#1	7906.9	41619.	14878.
#2	7930.8	41589.	15019.
#3	8239.8	41542.	14950.

Sample Name: 0.05 Acquired: 6/28/2019 1:26:09 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1243835 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500	.0437	.0495	.0476	.0491	.0506	.0478	.0515	.0521	.0514
Stddev	.0002	.0024	.0017	.0014	.0003	.0002	.0011	.0025	.0011	.0013
%RSD	.4750	5.391	3.348	3.042	.6826	.3649	2.217	4.886	2.182	2.438

#1	.0500	.0461	.0511	.0484	.0494	.0505	.0476	.0515	.0527	.0523
#2	.0503	.0437	.0495	.0485	.0488	.0508	.0490	.0490	.0527	.0521
#3	.0498	.0414	.0478	.0460	.0490	.0505	.0469	.0540	.0507	.0500

Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None	None
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527	.0483	W .0631	2.423	.0519	.0536	.0497	1.931	.0515	.0507
Stddev	.0002	.0002	.0010	.004	.0025	.0002	.0013	.004	.0014	.0004
%RSD	.4504	.4328	1.572	.1850	4.749	.3361	2.596	.2029	2.682	.7227

#1	.0525	.0482	.0632	2.419	.0543	.0537	.0505	1.928	.0525	.0511
#2	.0530	.0485	.0640	2.422	.0494	.0534	.0504	1.936	.0522	.0504
#3	.0526	.0481	.0620	2.428	.0519	.0538	.0482	1.931	.0499	.0505

Check ?	None	None	Chk Warn	Chk Pass	Chk Pass	None	None	Chk Pass	None	None
Value			.0602							
Range			.0398							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446	.0493	.5353	.0451	.0489	.0496	.0495	.0500	.0544
Stddev	.0009	.0021	.0135	.0014	.0001	.0001	.0015	.0002	.0009
%RSD	2.080	4.166	2.515	3.031	.1497	.1568	3.103	.3849	1.725

#1	.0441	.0515	.5419	.0453	.0489	.0496	.0506	.0498	.0547
#2	.0457	.0489	.5443	.0464	.0489	.0495	.0501	.0501	.0552
#3	.0441	.0474	.5199	.0437	.0490	.0497	.0477	.0501	.0534

Check ?	Chk Pass	None	Chk Pass	None	None	None	None	None	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8019.3	41502.	15024.
Stddev	197.2	48.	101.
%RSD	2.4589	.11638	.66991

#1	7903.0	41503.	15027.
#2	7908.0	41453.	14922.
#3	8247.0	41550.	15123.

Sample Name: ICSA Acquired: 6/28/2019 1:30:48 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	267.5	-.0030	.0041	.0005	-.0000	.0058	254.2	.0018	.0000
Stddev	.0003	1.6	.0016	.0005	.0000	.0000	.0011	1.2	.0001	.0001
%RSD	69.54	.5929	54.73	13.06	9.855	126.4	19.33	.4567	2.820	255.1
#1	.0001	266.0	-.0029	.0048	.0005	-.0000	.0052	253.5	.0018	.0001
#2	.0007	267.4	-.0047	.0038	.0005	-.0000	.0071	253.6	.0019	.0001
#3	.0006	269.2	-.0014	.0038	.0004	-.0001	.0051	255.6	.0018	-.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	-.0018	102.6	.0940	255.1	-.0014	-.0004	.1549	.0041	-.0062
Stddev	.0002	.0001	.4	.0083	3.9	.0001	.0003	.0023	.0003	.0033
%RSD	4.769	2.859	.4127	8.864	1.528	5.778	82.05	1.467	8.427	52.47
#1	.0030	-.0017	102.3	.0849	250.9	-.0015	-.0004	.1539	.0038	-.0040
#2	.0033	-.0017	102.3	.0962	255.9	-.0013	-.0001	.1534	.0045	-.0046
#3	.0033	-.0018	103.1	.1011	258.6	-.0014	-.0007	.1576	.0040	-.0099

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063	.0039	.0147	-.0010	-.0016	.0007	-.0033	.0027	.0043
Stddev	.0017	.0015	.0019	.0006	.0000	.0001	.0018	.0001	.0002
%RSD	26.85	38.48	12.87	59.76	1.133	15.11	54.71	2.010	4.136
#1	.0061	.0028	.0168	-.0005	-.0016	.0006	-.0049	.0027	.0042
#2	.0080	.0056	.0138	-.0008	-.0016	.0007	-.0038	.0028	.0045
#3	.0047	.0032	.0134	-.0017	-.0016	.0008	-.0013	.0027	.0042

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7202.8	36899.	14139.
Stddev	198.3	73.	64.
%RSD	2.7525	.19894	.45275
#1	7092.2	36853.	14186.
#2	7084.5	36859.	14165.
#3	7431.7	36983.	14066.

Sample Name: IPC Acquired: 6/28/2019 1:35:48 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	F .1228	.0004	-.0007	.0000	-.0002	.0025	F .1110	-.0000	.0022
Stddev	.0001	.0110	.0007	.0003	.0001	.0000	.0003	.0078	.0000	.0001
%RSD	7.384	8.962	179.7	42.43	321.7	20.77	11.35	7.066	71.16	5.194

#1	.0014	.1115	.0004	-.0004	.0000	-.0002	.0022	.1042	-.0000	.0023
#2	.0016	.1236	.0011	-.0010	-.0001	-.0001	.0024	.1093	-.0001	.0022
#3	.0014	.1334	-.0003	-.0009	.0001	-.0001	.0028	.1196	-.0000	.0021

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.1000						.1000		
Low Limit		-.1000						-.1000		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64	.0006	F .0605	.0214	.0331	10.88	-.0009	.0380	-.0001	-.0003
Stddev	.08	.0001	.0049	.0157	.0174	.01	.0002	.0009	.0001	.0003
%RSD	.7160	17.57	8.059	73.06	52.59	.0563	16.51	2.425	74.26	111.2

#1	10.71	.0005	.0560	.0292	.0520	10.89	-.0010	.0374	-.0000	-.0000
#2	10.64	.0007	.0600	.0034	.0294	10.88	-.0008	.0376	-.0002	-.0007
#3	10.56	.0005	.0657	.0317	.0178	10.89	-.0011	.0391	-.0002	-.0002

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0500							
Low Limit			-.0500							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0015	.0090	-.0050	-.0001	.0016	-.0044	10.46	-.0010
Stddev	.0051	.0020	.0011	.0002	.0000	.0001	.0007	.08	.0002
%RSD	275.5	137.0	12.60	3.156	67.39	5.085	14.84	.7801	16.03

#1	.0033	.0007	.0098	-.0052	-.0000	.0015	-.0051	10.56	-.0011
#2	.0060	.0038	.0095	-.0050	-.0000	.0017	-.0039	10.41	-.0008
#3	-.0038	-.0000	.0077	-.0049	-.0001	.0017	-.0041	10.42	-.0011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7952.4	41268.	15030.
Stddev	260.3	269.	40.
%RSD	3.2733	.65197	.26625

#1	7787.9	40959.	14999.
#2	7816.9	41398.	15075.
#3	8252.6	41448.	15015.

Sample Name: CCV Acquired: 6/28/2019 1:40:54 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4939	.5200	.5345	.5040	.4864	.5035	-.0017	.5226	.5087	.4983
Stddev	.0005	.0024	.0065	.0069	.0003	.0020	.0001	.0019	.0041	.0052
%RSD	.1026	.4631	1.218	1.376	.0686	.3962	6.895	.3583	.8017	1.043

#1	.4943	.5222	.5385	.5065	.4868	.5056	-.0017	.5247	.5102	.5004
#2	.4941	.5174	.5381	.5092	.4862	.5017	-.0019	.5210	.5118	.5021
#3	.4933	.5205	.5270	.4961	.4863	.5033	-.0017	.5222	.5040	.4924

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5170	.4649	.5307	4.732	.5409	.5167	.4861	9.190	.5138	.5236
Stddev	.0009	.0007	.0021	.015	.0014	.0004	.0047	.033	.0059	.0053
%RSD	.1683	.1483	.3991	.3080	.2551	.0816	.9639	.3636	1.145	1.014

#1	.5175	.4656	.5309	4.749	.5417	.5169	.4882	9.220	.5165	.5243
#2	.5175	.4650	.5285	4.725	.5394	.5170	.4894	9.154	.5178	.5285
#3	.5160	.4642	.5328	4.723	.5418	.5162	.4808	9.197	.5070	.5179

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4983	.5028	5.434	.4998	.4645	.4845	.5101	.5002	.5291
Stddev	.0056	.0071	.072	.0059	.0008	.0006	.0054	.0007	.0034
%RSD	1.118	1.412	1.332	1.183	.1649	.1170	1.064	.1423	.6470

#1	.4990	.5067	5.475	.5019	.4650	.4839	.5115	.5007	.5297
#2	.5035	.5071	5.476	.5044	.4636	.4850	.5147	.5006	.5321
#3	.4924	.4946	5.350	.4931	.4647	.4847	.5041	.4994	.5254

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	7936.5	41216.	15016.
Stddev	99.0	17.	35.
%RSD	1.2469	.04149	.23463

#1	7882.4	41201.	14976.
#2	7876.3	41213.	15032.
#3	8050.7	41235.	15041.

Sample Name: CCB Acquired: 6/28/2019 1:45:26 Type: QC
Method: Trace 6_E200.7_SW6010(v21) Mode: CONC Corr. Factor: 1.000000
User: AB Custom ID1: WG1253760 Custom ID2: Trace 6 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0014	.0013	-.0017	.0003	.0003	.0002	-.0008	.0002	.0003
Stddev	.0001	.0028	.0006	.0001	.0001	.0000	.0006	.0033	.0000	.0000
%RSD	48.41	196.9	44.16	5.660	31.07	9.682	266.4	427.1	17.03	3.593

#1	.0001	.0043	.0019	-.0018	.0004	.0003	.0001	-.0041	.0002	.0003
#2	.0002	-.0012	.0012	-.0016	.0002	.0003	.0010	.0024	.0002	.0003
#3	.0002	.0011	.0008	-.0017	.0003	.0002	-.0003	-.0006	.0002	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-.0005	.0070	.0122	.0058	.0014	.0015	.0367	.0007	.0005
Stddev	.0002	.0001	.0011	.0091	.0037	.0000	.0005	.0032	.0002	.0009
%RSD	14.48	21.09	15.25	74.52	64.61	2.076	32.63	8.678	25.00	177.8

#1	.0019	-.0004	.0078	.0114	.0052	.0013	.0019	.0362	.0008	.0014
#2	.0018	-.0006	.0058	.0217	.0098	.0013	.0016	.0338	.0007	.0004
#3	.0014	-.0006	.0074	.0036	.0024	.0014	.0009	.0401	.0005	-.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	.0007	.0048	-.0024	.0002	.0004	-.0001	.0011	.0006
Stddev	.0006	.0011	.0004	.0009	.0001	.0001	.0001	.0001	.0001
%RSD	11.25	146.4	9.105	38.87	30.10	34.08	64.84	6.881	22.01

#1	.0056	.0019	.0052	-.0016	.0001	.0006	-.0002	.0012	.0007
#2	.0045	.0006	.0049	-.0021	.0002	.0003	-.0000	.0010	.0005
#3	.0048	-.0003	.0043	-.0034	.0002	.0004	-.0001	.0011	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	8088.7	41707.	15031.
Stddev	250.0	57.	102.
%RSD	3.0904	.13770	.67979

#1	7948.5	41689.	15149.
#2	7940.3	41771.	14982.
#3	8377.3	41660.	14964.

QC True Values: Trace 4,5,6,7

	Element	True Value (mg/L)		Element	True Value (mg/L)
ICV/CCV	Al	0.50	CRI	Al	0.40
	K	5.00		Sb	0.10
	Na	10.00		As	0.02
	Si	5.25		Ba	0.04
ICSA				Be	0.01
	Al	250		Bi	0.02
	Ca	250		B	0.10
	Fe	100		Cd	0.01
ICSB	Mg	250		Ca	0.40
				Cr	0.02
	Al	9.00		Co	0.10
	Sb	1.00		Cu	0.05
	As	1.00		Fe	0.20
	Ba	0.30		Pb	0.05
	Be	0.10		Mg	0.40
	Bi	1.00		Mn	0.03
	B	0.50		Mo	0.10
	Cd	0.30		Ni	0.08
	Ca	45.00		K	5.00
	Cr	0.30		Se	0.02
	Co	0.30		Si	1.00
	Cu	0.30		Ag	0.02
	Fe	37.50		Na	5.00
	Pb	1.00		Sr	0.02
	Mg	22.50		Tl	0.02
	Mn	0.20		Sn	0.02
	Mo	0.30		Ti	0.02
	Ni	0.30		V	0.10
	K	20.00		Zn	0.04
	Se	0.50			
	Si	1.23			
	Ag	0.30			
	Na	7.50			
	Sr	1.00			
	Tl	1.00			
	Sn	1.00			
	Ti	1.00			
	V	0.30			
	Zn	0.30			

LCS & MS Spike Concentrations

Element	Liquid concentrations (mg/L)	Soil concentrations (mg/kg)
Al	2.00	100
Sb	0.50	25.0
As	0.12	6.0
Ba	2.00	100
Be	0.05	2.5
Bi	1.00	50.0
B	1.00	50.0
Cd	0.05	2.55
Ca	10.00	500
Cr	0.20	10.0
Co	0.50	25.0
Cu	0.25	12.5
Fe	1.00	50.0
Pb	0.51	25.5
Mg	10.00	500
Mn	0.50	25.0
Mo	1.00	50.0
Ni	0.50	25.0
K	10.00	500
Se	0.12	6.0
Si	1.00	50.0
Ag	0.05	2.5
Na	10.00	500
Sr	1.00	50.0
Tl	0.12	6.0
Sn	1.00	50.0
Ti	1.00	50.0
V	0.50	25.0
Zn	0.50	25.0

LCS and MS Spike Concentrations—As of 08/09/2011

Element	Liquid Concentration(mg/L)	Soil Concentration (mg/kg)
Al	2.00	160
Sb	0.50	40
As	0.12	9.6
Ba	2.00	160
Be	0.05	4.0
Bi	1.00	80
B	1.00	80
Cd	0.051	4.08
Ca	10.0	800
Cr	0.20	16
Co	0.50	40
Cu	0.25	20
Fe	1.00	80
Pb	0.51	40.8
Mg	10.0	800
Mn	0.50	40
Mo	1.00	80
Ni	0.50	40
K	10.0	800
Se	0.12	9.6
Si	1.00	80
Ag	0.05	24
Na	10.0	800
Sr	1.00	80
Tl	0.12	9.6
Sn	1.00	80
Ti	1.00	80
V	0.50	40
Zn	0.50	40

Revised 8/9/11 Soil spike is based on (2x water spike)x(50/1.25), where 50 is the final volume of soil digestate and 1.25 is the nominal digestion weight of 1.25g, except in the case of Ag, where additional Ag is added to the spike.

▪ Certificate of Analysis ▪

Product: Metals in Soil
Catalog Number: 540
Lot No. D102-540
Certificate Issue Date: June 22, 2018
Expiration Date: January 31, 2022
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

CERTIFICATION

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	8160	6.36	3960 - 12400	4080 - 12200
Antimony	120	60.9	9.42	0.822 - 121	12.0 - 166
Arsenic	144	135	5.08	112 - 158	94.6 - 176
Barium	469	443	6.77	366 - 521	332 - 554
Beryllium	207	197	5.86	164 - 229	148 - 246
Boron	213	174	12.6	127 - 221	105 - 244
Cadmium	224	204	6.65	169 - 240	153 - 256
Calcium	5190	4830	9.12	3950 - 5700	3510 - 6150
Chromium	138	132	8.56	109 - 155	92.2 - 171
Cobalt	182	179	7.93	151 - 207	134 - 224
Copper	191	184	6.72	155 - 213	138 - 230
Iron	15000	14400	10.7	8770 - 20000	5120 - 23600
Lead	225	216	7.72	178 - 254	159 - 274
Magnesium	2570	2340	6.13	1780 - 2900	1460 - 3230
Manganese	331	323	6.71	266 - 380	242 - 404
Mercury	16.8	13.2	16.0	8.64 - 17.7	7.89 - 18.5
Molybdenum	193	175	2.39	141 - 209	125 - 226
Nickel	163	152	5.95	126 - 178	106 - 197
Potassium	2420	2050	6.31	1440 - 2660	1210 - 2890
Selenium	81.9	74.9	4.13	59.3 - 90.5	47.0 - 103
Silver	57.6	53.9	9.00	43.0 - 64.8	37.8 - 70.0
Sodium	161	149	12.1	111 - 188	57.7 - 241
Strontium	100	96.2	4.04	78.1 - 114	69.0 - 123
Thallium	253	232	3.54	188 - 276	168 - 296

▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Tin	146	134	10.8	106 - 163	79.5 - 189
Titanium	449	340	7.20	70.2 - 609	44.9 - 711
Uranium	114	113	7.10	85.5 - 140	71.9 - 153
Vanadium	180	172	8.85	137 - 207	126 - 218
Zinc	217	211	6.58	171 - 250	147 - 274

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Aluminum	10100	8160	80.8	138	-	-
Antimony	120	60.9	50.8	135	-	-
Arsenic	144	135	93.8	184	-	-
Barium	469	443	94.5	158	-	-
Beryllium	207	197	95.0	148	-	-
Boron	213	174	81.8	107	-	-
Cadmium	224	204	91.3	199	-	-
Calcium	5190	4830	93.0	122	-	-
Chromium	138	132	95.5	172	-	-
Cobalt	182	179	98.4	140	-	-
Copper	191	184	96.3	183	-	-
Iron	15000	14400	95.6	133	-	-
Lead	225	216	96.2	204	-	-
Magnesium	2570	2340	91.2	122	-	-
Manganese	331	323	97.6	147	-	-
Mercury	16.8	13.2	78.3	128	-	-
Molybdenum	193	175	90.8	143	-	-
Nickel	163	152	93.1	185	-	-
Potassium	2420	2050	84.7	121	-	-
Selenium	81.9	74.9	91.5	163	-	-

▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Proficiency Testing Study		n	NIST Traceability	
		Mean	Recovery ⁵		SRM Number	Recovery
	mg/kg	mg/kg	%			%
Silver	57.6	53.9	93.6	150	-	-
Sodium	161	149	92.8	105	-	-
Strontium	100	96.2	96.2	90	-	-
Thallium	253	232	91.6	147	-	-
Tin	146	134	92.0	100	-	-
Titanium	449	340	75.6	93	-	-
Uranium	114	113	98.8	35	-	-
Vanadium	180	172	95.4	139	-	-
Zinc	217	211	97.0	180	-	-

1. The **Certified Values** are the actual "made-to" concentrations confirmed by ERA analytical verification. The certified values are monitored and purchasers will be notified of any significant changes resulting in recertification or withdrawal of this certified reference material during the period of validity of this certificate.

2. The **Uncertainty** is the total propagated uncertainty at the 95% confidence interval. The uncertainty is based on the preparation and internal analytical verification of the product by ERA, multiplied by a coverage factor. The uncertainty applies to the product as supplied and does not take into account any required or optional dilution and/or preparations the laboratory may perform while using this product.

3. The **QC Performance Acceptance Limits (QC PALs™)** are based on actual historical data collected in ERA's Proficiency Testing program. The QC PALs™ reflect any inherent biases in the methods used to establish the limits and closely approximate a 95% confidence interval of the performance that experienced laboratories should achieve using accepted environmental methods. Use the QC PALs™ to realistically evaluate your performance against your peers.

4. The **PT Performance Acceptance Limits (PT PALs™)** are calculated using the regression equations and fixed acceptance criteria specified in the NELAC proficiency testing requirements. Use the PT PALs™ when analyzing this QC standard alongside USEPA and NELAC compliant PT standards. Please note that many PT study acceptance limits are concentration dependent (some non-linearly) and, therefore, the acceptance limits of this QC standard and any PT standard may differ relative to their difference in concentrations.

5. The **PT Data/Traceability** data include the mean value, percent recovery and number of data points reported by the laboratories in our Proficiency Testing study compared to the Certified Values. In addition, where NIST Standard Reference Materials (SRMs) are available, each analyte has been analytically traced to the NIST SRM listed. This product is traceable to the lot numbers of its starting materials. All gravimetric and volumetric measurements related to its manufacture are traceable to NIST through an unbroken chain of comparisons.

Traceability Recovery (%) = [(% recovery certified standard)/(% recovery NIST SRM)]*100

The traceability data shown were compiled by analyzing the ERA standards or their associated stock solutions against the applicable NIST SRMs.

6. For additional information on this product such as intended use, instructions for use, level of homogeneity, and safety information, please refer to the provided Instruction Sheet

If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Matthew Seebeck




ISO/IEC GUIDE 34:2009

ISO/IEC 17025:2005



Page 3 of 3 Lot: D102-540



A Waters Company

Reference Material

▪ Certificate of Analysis ▪

Product: Metals in Soil
Catalog Number: 540
Lot No. D105-540
Certificate Issue Date: March 19, 2019
Expiration Date: October 12, 2022
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

CERTIFICATION

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	8800	8.32	4600 - 13000	4470 - 13100
Antimony	282	147	7.70	6.17 - 289	28.2 - 366
Arsenic	155	143	6.34	119 - 168	100 - 186
Barium	439	415	5.37	343 - 488	311 - 519
Beryllium	192	179	2.78	149 - 210	134 - 224
Boron	216	160	7.08	113 - 208	96.1 - 238
Cadmium	61.5	56.2	0.528	46.6 - 65.9	42.2 - 70.3
Calcium	5190	4960	6.64	4090 - 5840	3610 - 6310
Chromium	104	101	4.75	83.2 - 118	70.5 - 131
Cobalt	196	189	0.500	158 - 219	141 - 236
Copper	65.0	63.1	2.65	53.1 - 73.1	47.3 - 78.9
Iron	15000	15700	8.94	10100 - 21300	6000 - 25400
Lead	126	125	4.77	103 - 146	89.3 - 160
Magnesium	2570	2410	6.26	1860 - 2970	1520 - 3310
Manganese	387	382	5.37	315 - 449	290 - 474
Mercury	7.76	7.61	13.7	5.53 - 9.69	4.57 - 10.7
Molybdenum	120	107	0.500	86.0 - 128	75.5 - 139
Nickel	117	108	0.514	89.5 - 127	75.7 - 141
Potassium	2420	2110	5.62	1500 - 2720	1260 - 2960
Selenium	84.6	77.9	7.10	61.8 - 94.0	49.2 - 107
Silver	34.6	34.3	8.34	27.8 - 40.9	23.6 - 45.1
Sodium	161	145	6.72	106 - 183	54.3 - 235
Strontium	104	104	3.95	85.1 - 123	74.8 - 133
Thallium	123	113	0.500	91.3 - 134	77.1 - 149

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▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Tin	118	107	0.500	83.5 - 130	61.2 - 152
Titanium	512	421	5.80	114 - 728	0.00 - 854
Uranium	103	104	6.18	79.1 - 128	71.9 - 135
Vanadium	87.3	83.7	8.55	66.8 - 101	54.2 - 113
Zinc	251	240	3.98	194 - 285	168 - 312

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Aluminum	10100	8800	87.1	193	-	-
Antimony	282	147	52.3	216	-	-
Arsenic	155	143	92.5	240	-	-
Barium	439	415	94.6	222	-	-
Beryllium	192	179	93.4	220	-	-
Boron	216	160	74.2	152	-	-
Cadmium	61.5	56.2	91.5	239	-	-
Calcium	5190	4960	95.6	175	-	-
Chromium	104	101	96.8	237	-	-
Cobalt	196	189	96.2	215	-	-
Copper	65.0	63.1	97.1	237	-	-
Iron	15000	15700	105	195	-	-
Lead	126	125	99.0	243	-	-
Magnesium	2570	2410	93.9	177	-	-
Manganese	387	382	98.7	215	-	-
Mercury	7.76	7.61	98.0	157	-	-
Molybdenum	120	107	89.4	216	-	-
Nickel	117	108	92.5	235	-	-
Potassium	2420	2110	87.2	181	-	-
Selenium	84.6	77.9	92.1	231	-	-

▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Proficiency Testing Study		n	NIST Traceability	
		Mean	Recovery ⁵		SRM Number	Recovery
	mg/kg	mg/kg	%			%
Silver	34.6	34.3	99.3	216	-	-
Sodium	161	145	89.8	166	-	-
Strontium	104	104	99.9	148	-	-
Thallium	123	113	91.8	215	-	-
Tin	118	107	90.4	164	-	-
Titanium	512	421	82.2	157	-	-
Uranium	103	104	101	61	-	-
Vanadium	87.3	83.7	95.9	214	-	-
Zinc	251	240	95.5	234	-	-

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If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Matthew Seebeck



ISO/IEC 17025:2005
ISO/IEC 17025:2005

REFERENCE MATERIAL PROVIDER
CERTIFICATE NO. 153923
CHEMICAL TESTING LABORATORY
CERTIFICATE NO. 159102

Page 3 of 3 Lot: D105-540

Calculation of 6010B Metals

Aqueous Samples

The instrument will calculate the concentration ($\mu\text{g/L}$). This value is divided by 1000 to convert the units to mg/L . If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

$$\text{Result, mg/L} = C_s \times (1\text{mg}/1000\mu\text{g}) \times (\text{DF})$$

Where:

C_s = Concentration of sample ($\mu\text{g/L}$)

DF = Dilution Factor

Soil or Solid Samples

Soil samples are calculated as follows:

$$\text{Result, mg/Kg} = \frac{C_s \times (1\text{mg}/1000\mu\text{g}) \times (\text{DF})}{A}$$

Where:

C_s = Concentration of sample ($\mu\text{g/L}$)

DF = Dilution Factor

$$A = \frac{\text{Sample weight (grams)}}{\text{Final Volume (mL)}}$$

Dry weight correction

Dry weight correction is calculated as follows:

$$\text{Final concentration in mg/Kg, dry weight} = \frac{\text{Result, mg/Kg}}{\%_{\text{solids}}}$$

Where:

$\%_{\text{solids}}$ = Percent Solids, as a decimal value

4	6/27/2019	8:19:35AM	Std 0	LC
5	6/27/2019	8:24:23AM	Std 1 ICAL	LC
6	6/27/2019	8:28:50AM	Std 3 25 Fe K Na Si	LC
7	6/27/2019	8:33:36AM	Std 2 10 Ca Mg Si	LC
8	6/27/2019	8:38:23AM	ICV	LC
9	6/27/2019	8:42:55AM	ICB	LC
10	6/27/2019	9:03:25AM	ICV	LC
11	6/27/2019	9:07:56AM	ICB	LC
12	6/27/2019	9:12:44AM	0.005	LC
13	6/27/2019	9:17:32AM	0.01	LC
14	6/27/2019	9:22:16AM	0.05	LC
15	6/27/2019	9:26:56AM	ICSA	LC
16	6/27/2019	9:31:55AM	IPC	LC
17	6/27/2019	9:37:01AM	CCV	LC
18	6/27/2019	9:41:33AM	CCB	LC
19	6/27/2019	9:47:09AM	IPC	LC
20	6/27/2019	9:52:04AM	0.1	LC
21	6/27/2019	10:07:48AM	WG1253504-1,T	LC
22	6/27/2019	10:12:38AM	WG1253504-2,T	LC
23	6/27/2019	10:17:18AM	WG1253504-3,T	LC
24	6/27/2019	10:22:04AM	L1927769-01,T	LC
25	6/27/2019	10:27:20AM	L1927769-02,T	LC
26	6/27/2019	10:32:44AM	L1927770-01,T	LC
27	6/27/2019	10:37:49AM	L1927770-02,T	LC
28	6/27/2019	10:42:56AM	XL123741-88	LC
29	6/27/2019	10:47:45AM	CCV	LC
30	6/27/2019	10:52:16AM	CCB	LC
31	6/27/2019	11:09:05AM	CCV	LC
32	6/27/2019	11:13:38AM	CCB	LC
33	6/27/2019	11:18:26AM	L1927770-03,T	LC
34	6/27/2019	11:23:31AM	L1927770-04,T	LC
35	6/27/2019	11:28:35AM	L1927770-05,T	LC
36	6/27/2019	11:33:41AM	L1927803-01,T	LC
37	6/27/2019	11:38:36AM	WG1253737-1,C	LC
38	6/27/2019	11:43:32AM	WG1253737-2,C	LC
39	6/27/2019	11:48:12AM	L1926713-01,C	LC
40	6/27/2019	11:53:05AM	WG1253737-3,C	LC
41	6/27/2019	11:57:45AM	WG1253737-4,C	LC
42	6/27/2019	12:02:40PM	WG1253737-5,C	LC
43	6/27/2019	12:07:22PM	CCV	LC
44	6/27/2019	12:11:54PM	CCB	LC
45	6/27/2019	12:16:45PM	WG1253737-6,C,5	LC
46	6/27/2019	12:21:34PM	L1927445-01,C	LC
47	6/27/2019	12:26:27PM	L1927636-01,C	LC
48	6/27/2019	12:31:17PM	L1927650-01,C	LC
49	6/27/2019	12:36:08PM	L1927676-01,C	LC
50	6/27/2019	12:41:01PM	L1927716-01,C	LC
51	6/27/2019	12:45:55PM	L1927769-01,C	LC
52	6/27/2019	12:50:48PM	L1927769-02,C	LC
53	6/27/2019	12:55:41PM	L1927803-01,C	LC
54	6/27/2019	1:00:35PM	L1927817-01,C	LC
55	6/27/2019	1:05:29PM	CCV	LC
56	6/27/2019	1:10:00PM	CCB	LC
57	6/27/2019	1:18:15PM	CCV	LC
58	6/27/2019	1:22:47PM	CCB	LC
59	6/27/2019	1:27:37PM	WG1253873-1,C	LC
60	6/27/2019	1:32:26PM	WG1253873-2,C	LC
61	6/27/2019	1:36:59PM	L1925448-01,C	LC
62	6/27/2019	1:42:01PM	WG1253873-3,C	LC
63	6/27/2019	1:46:50PM	WG1253873-4,C	LC
64	6/27/2019	1:51:51PM	WG1253873-5,C	LC
65	6/27/2019	1:56:39PM	WG1253873-6,C,5	LC
66	6/27/2019	2:01:41PM	XWG1253819-1,C	LC
67	6/27/2019	2:06:29PM	XWG1253819-2,C	LC
68	6/27/2019	2:11:03PM	XL1926790-01,C	LC
69	6/27/2019	2:15:41PM	CCV	LC
70	6/27/2019	2:20:13PM	CCB	LC
71	6/27/2019	2:53:31PM	CCV	LC
72	6/27/2019	2:58:03PM	CCB	LC
73	6/27/2019	3:03:49PM	Std 0	AB
74	6/27/2019	3:08:36PM	Std 1 ICAL	AB
75	6/27/2019	3:13:03PM	Std 3 25 Fe K Na Si	AB
76	6/27/2019	3:17:50PM	Std 2 10 Ca Mg Si	AB
77	6/27/2019	3:22:37PM	ICV	AB
78	6/27/2019	3:27:08PM	ICB	AB
79	6/27/2019	3:32:18PM	ICV	AB
80	6/27/2019	3:36:51PM	ICB	AB
81	6/27/2019	3:41:41PM	WG1253873-1,C	AB

82	6/27/2019	3:46:31PM	WG1253873-2,C	AB
83	6/27/2019	3:51:03PM	WG1253819-1,C	AB
84	6/27/2019	3:55:51PM	WG1253819-2,C	AB
85	6/27/2019	4:00:22PM	L1926790-01,C	AB
86	6/27/2019	4:05:00PM	WG1253819-3,C	AB
87	6/27/2019	4:09:36PM	WG1253819-4,C	AB
88	6/27/2019	4:14:13PM	L1926660-16,T	AB
89	6/27/2019	4:18:55PM	L1926660-17,T	AB
90	6/27/2019	4:24:05PM	L1926790-02,C	AB
91	6/27/2019	4:28:44PM	CCV	AB
92	6/27/2019	4:33:15PM	CCB	AB
93	6/27/2019	4:38:05PM	L1926660-18,T	AB
94	6/27/2019	4:43:16PM	L1926660-19,T	AB
95	6/27/2019	4:47:56PM	L1926660-20,T	AB
96	6/27/2019	4:53:03PM	L1926660-21,T	AB
97	6/27/2019	4:58:15PM	L1926660-22,T	AB
98	6/27/2019	5:03:03PM	L1926660-23,T	AB
99	6/27/2019	5:07:52PM	L1926660-24,T	AB
100	6/27/2019	5:13:02PM	L1926660-25,T	AB
101	6/27/2019	5:17:56PM	WG1253819-5,C	AB
102	6/27/2019	5:22:31PM	WG1253819-6,C,5	AB
103	6/27/2019	5:27:14PM	CCV	AB
104	6/27/2019	5:31:46PM	CCB	AB
105	6/27/2019	5:36:36PM	L1926660-26,T	AB
106	6/27/2019	5:41:32PM	L1926660-27,T	AB
107	6/27/2019	5:46:42PM	L1925448-01,C,10	AB
108	6/27/2019	5:51:46PM	WG1253873-3,C,10	AB
109	6/27/2019	5:56:42PM	WG1253873-4,C,10	AB
110	6/27/2019	6:01:47PM	WG1253873-5,C,10	AB
111	6/27/2019	6:06:43PM	WG1253873-6,C,50	AB
112	6/27/2019	6:11:31PM	L1926660-17,T,10	AB
113	6/27/2019	6:16:14PM	L1926660-18,T,10	AB
114	6/27/2019	6:21:05PM	L1926660-20,T,10	AB
115	6/27/2019	6:25:48PM	CCV	AB
116	6/27/2019	6:30:20PM	CCB	AB
117	6/27/2019	6:35:10PM	WG1253825-1,C	AB
118	6/27/2019	6:40:09PM	L1926660-24,T,10	AB
119	6/27/2019	6:44:46PM	WG1253825-2,C	AB
120	6/27/2019	6:49:27PM	L1926904-01,C	AB
121	6/27/2019	6:54:21PM	L1926660-27,T,10	AB
122	6/27/2019	6:59:05PM	WG1253825-3,C	AB
123	6/27/2019	7:03:45PM	WG1253825-4,C	AB
124	6/27/2019	7:08:38PM	WG1253825-5,C	AB
125	6/27/2019	7:13:18PM	L1926904-02,C	AB
126	6/27/2019	7:18:11PM	L1926904-03,C	AB
127	6/27/2019	7:23:06PM	CCV	AB
128	6/27/2019	7:27:38PM	CCB	AB
129	6/27/2019	7:32:28PM	L1926904-04,C	AB
130	6/27/2019	7:37:21PM	L1926904-05,C	AB
131	6/27/2019	7:42:16PM	L1926904-06,C	AB
132	6/27/2019	7:47:10PM	L1926904-07,C	AB
133	6/27/2019	7:52:05PM	L1926904-08,C	AB
134	6/27/2019	7:57:01PM	L1926904-09,C	AB
135	6/27/2019	8:01:57PM	L1926904-10,C	AB
136	6/27/2019	8:06:51PM	L1926904-11,C	AB
137	6/27/2019	8:11:44PM	L1926904-12,C	AB
138	6/27/2019	8:16:38PM	L1926904-13,C	AB
139	6/27/2019	8:21:32PM	CCV	AB
140	6/27/2019	8:26:04PM	CCB	AB
141	6/27/2019	8:30:53PM	WG1253825-6,C,5	AB
142	6/27/2019	8:40:22PM	CCV	AB
143	6/27/2019	8:44:54PM	CCB	AB
144	6/27/2019	8:50:41PM	Std 0	AB
145	6/27/2019	8:55:27PM	Std 1 ICAL	AB
146	6/27/2019	8:59:54PM	Std 3 25 Fe K Na Si	AB
147	6/27/2019	9:04:41PM	Std 2 10 Ca Mg Si	AB
148	6/27/2019	9:09:28PM	ICV	AB
149	6/27/2019	9:14:00PM	ICB	AB
150	6/27/2019	9:20:17PM	ICV	AB
151	6/27/2019	9:24:50PM	ICB	AB
152	6/27/2019	9:29:39PM	WG1254058-1,T	AB
153	6/27/2019	9:34:27PM	WG1254058-2,T,2	AB
154	6/27/2019	9:38:57PM	L1927796-02,T	AB
155	6/27/2019	9:44:03PM	WG1254058-3,T	AB
156	6/27/2019	9:49:16PM	WG1254058-4,T	AB
157	6/27/2019	9:54:05PM	WG1254058-5,T	AB
158	6/27/2019	9:59:11PM	WG1254058-6,T,5	AB
159	6/27/2019	10:03:56PM	L1926272-01,T	AB
160	6/27/2019	10:08:39PM	L1926307-01,T,2	AB
161	6/27/2019	10:13:27PM	XL1920000-01,C1	AB
162	6/27/2019	10:18:17PM	CCV	AB
163	6/27/2019	10:22:49PM	CCB	AB

164	6/27/2019	10:27:39PM	L1926307-02,T,2	AB
165	6/27/2019	10:32:20PM	L1926307-03,T,2	AB
166	6/27/2019	10:37:01PM	L1926307-04,T,2	AB
167	6/27/2019	10:41:41PM	L1926308-01,T,2	AB
168	6/27/2019	10:46:24PM	L1926308-02,T,2	AB
169	6/27/2019	10:51:06PM	L1926308-03,T,2	AB
170	6/27/2019	10:55:47PM	L1926308-04,T,2	AB
171	6/27/2019	11:00:36PM	L1926416-01,T,2	AB
172	6/27/2019	11:05:22PM	L1926416-06,T,2	AB
173	6/27/2019	11:10:15PM	XL1920000-01,C2	AB
174	6/27/2019	11:15:05PM	CCV	AB
175	6/27/2019	11:19:38PM	CCB	AB
176	6/27/2019	11:24:27PM	WG1254013-1,C	AB
177	6/27/2019	11:29:26PM	L1927359-03,T	AB
178	6/27/2019	11:34:51PM	L1927796-03,T	AB
179	6/27/2019	11:40:06PM	L1927796-05,T	AB
180	6/27/2019	11:44:50PM	L1927807-01,T	AB
181	6/27/2019	11:49:51PM	L1927807-02,T	AB
182	6/27/2019	11:55:24PM	L1927807-04,T	AB
183	6/28/2019	12:00:04AM	L1927807-05,T	AB
184	6/28/2019	12:04:57AM	L1927807-06,T	AB
185	6/28/2019	12:09:43AM	WG1254013-2,C	AB
186	6/28/2019	12:14:25AM	CCV	AB
187	6/28/2019	12:18:57AM	CCB	AB
188	6/28/2019	12:23:47AM	L1927245-05,C	AB
189	6/28/2019	12:28:40AM	WG1254013-3,C	AB
190	6/28/2019	12:33:20AM	WG1254013-4,C	AB
191	6/28/2019	12:38:15AM	WG1254013-5,C	AB
192	6/28/2019	12:42:56AM	WG1254013-6,C,5	AB
193	6/28/2019	12:47:44AM	L1927245-06,C	AB
194	6/28/2019	12:52:37AM	L1927245-07,C	AB
195	6/28/2019	12:57:33AM	L1927245-08,C	AB
196	6/28/2019	1:02:26AM	L1927245-09,C	AB
197	6/28/2019	1:07:19AM	0.005	AB
198	6/28/2019	1:12:04AM	CCV	AB
199	6/28/2019	1:16:35AM	CCB	AB
200	6/28/2019	1:21:23AM	0.01	AB
201	6/28/2019	1:26:09AM	0.05	AB
202	6/28/2019	1:30:48AM	ICSA	AB
203	6/28/2019	1:35:48AM	IPC	AB
204	6/28/2019	1:40:54AM	CCV	AB
205	6/28/2019	1:45:26AM	CCB	AB



METALS ELN REPORT

Workgroup: WG1253737

Digestion

Prep Method	Acid Type 1	Acid 1 Lot	Acid Type 2	Acid 2 Lot	Spike Type	Lims Spike Lot	Spike Lot	Post Spike Spikelot	Spike Lot	Pipette Id
EPA 3015	HNO3	1902012366	HCl	C689366	METALS	METSPIKE2	IPS,FPS,MIX	METSPIKE2	IPS,FPS,MIX	142,250

Additional Reagent/Std

Sample/ Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Microwave Unit	Stop Date/Time	Final Vol	Tcpl Extract Date	Comments
L1926713-01 SOIL	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
L1927445-01 SOIL	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
L1927636-01 SAMP	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
L1927650-01 SAMP	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
L1927676-01 SOLID	06/27/19 10:58	Alexandra Lebeau	5		06/27/19 10:58	2039	06/27/19 11:20	50	06/26/19 06:18	
L1927716-01 SOLID	06/27/19 10:58	Alexandra Lebeau	5		06/27/19 10:58	2039	06/27/19 11:20	50	06/26/19 06:18	
L1927769-01 SOIL	06/27/19 10:58	Alexandra Lebeau	5		06/27/19 10:58	2039	06/27/19 11:20	50	06/26/19 06:18	
L1927769-02 SOIL	06/27/19 10:58	Alexandra Lebeau	5		06/27/19 10:58	2039	06/27/19 11:20	50	06/26/19 06:18	
L1927803-01 SOIL	06/27/19 10:58	Alexandra Lebeau	5		06/27/19 10:58	2039	06/27/19 11:20	50	06/26/19 06:18	
L1927817-01 SOIL	06/27/19 10:58	Alexandra Lebeau	5		06/27/19 10:58	2039	06/27/19 11:20	50	06/26/19 06:18	
WG1253737-1 BLANK	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	IPS192516171 5AL;FPS19252 01113AL;MIX19 25201823CD
WG1253737-2 LCS	06/27/19 09:08	Alexandra Lebeau	5	0.5	06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
WG1253737-3 MS	06/27/19 09:08	Alexandra Lebeau	5	0.5	06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	



METALS ELN REPORT

Workgroup: WG1253737

Sample/ Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Microwave Unit	Stop Date/Time	Final Vol	Tclp Extract Date	Comments
WG1253737-4 DUP	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
WG1253737-5 PS	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	
WG1253737-6 SERDIL	06/27/19 09:08	Alexandra Lebeau	5		06/27/19 09:08	2039	06/27/19 09:30	50	06/25/19 21:02	

Reagent	Actual Volume	Units
Nitric Acid (HNO3)	2.5	ml
Hydrochloric Acid (HCl)	2	ml

Balance ID: 28 WG#: 1252955

TCLP Fluid Lot #: <u>FLCLP062519A</u>	1:1 HNO ₃ Lot#: <u>1HN03D62519</u>	Temp(° C) Max: <u>22.7</u> Min: <u>21.7</u>	Unit ID#: <u>214</u>	TCLP Fluid ID (circle one) <u>#1</u> #2 DI
Prep Date: <u>06-26-19</u> pH on Date Used: <u>4.93</u>		Acceptable Temp Range: 21°-25°C		

Sample Number (Plastic Tumble Vessels only)	Amt. (g)	Fluid Vol. (mL)	Tumbler I.D.	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (preserved)	Filter Initials	Comments
Blank: <u>L1926713-0</u>					<u>21:02</u>								2.5mL	<u>FK/EA</u>	
<u>L1915350-93</u>	<u>—</u>	<u>2000</u>	<u>14</u>	<u>6/25/19</u>	<u>09:03</u>	<u>22.8</u>	<u>FK</u>	<u>6/26/19</u>	<u>13:02</u>	<u>22.7</u>	<u>FK/EA</u>	<u>4.90</u>			<u>21:02</u>
<u>L1926713-01</u>	<u>100</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>4.93</u>			
<u>L1927445-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.11</u>			
<u>L1927650-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.05</u>			
<u>L1927636-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.11</u>			
<u>L1927433-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>4.99</u>	<u>↓</u>	<u>↓</u>	
<u>L1927817-01</u>	<u>100</u>	<u>2000</u>	<u>1</u>	<u>6/26/19</u>	<u>06:18</u>	<u>24.6</u>	<u>TN</u>	<u>6/26/19</u>	<u>22:18</u>	<u>22.5</u>	<u>CAA</u>	<u>5.14</u>	<u>2.5mL</u>	<u>PA</u>	<u>Max 23.1 Min 21.1</u>
<u>L1927676-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.20</u>		<u>↓</u>	
<u>L1927716-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.95</u>			
<u>L1927769-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.50</u>			
<u>-02</u>												<u>5.54</u>			
<u>L1927803-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>4.98</u>			
<u>L1927624-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>4.96</u>			
<u>L1927451-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.34</u>			
<u>L1927717-01</u>	<u>↓</u>	<u>↓</u>	<u>16</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.87</u>			
<u>L1927718-01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>5.17</u>	<u>↓</u>	<u>↓</u>	

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Batch Expires: _____

Initials: _____
 Date: _____

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (i)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
L1926713-01	6/25/19	05:25	FK	5.0	96.5	7	3.5mL	HCL062119	25	1	
L1927636-01											
L1927445-01											
L1927650-01											
L1927443-01											
L1927504-01											
L1927041-04									75	2	
L1927535-01									25	1	
FK 6/25/19											

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Initials: _____

Date: _____