Report of Trace Metals Analyses Water

Project: Great Salt Lake Water Quality Sampling Plan
Samples Collected: November 6, 2012
Report Date: January 16, 2013

Prepared for:
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Case Narrative

Shipping and Receiving

On November 20, 2012, Brooks Rand Labs (BRL) received one (1) water sample at 08:50 A.M. in one (1) cooler with ice all at the temperature of than 0.7 °C. The chain-of-custody (COC) forms requested analysis for mercury (Hg), monomethyl mercury (MeHg), and trace metals [arsenic (As), cadmium (Cd), copper (Cu), lead (Pb), selenium (Se), and thallium (Tl)]. The samples were received and stored securely according to BRL standard operating procedures (SOP) and EPA methodology.

Preservation and Holding Time

All method and SOP requirements for preservation and holding time were satisfied.

Total Mercury in Water by EPA Method 1631 (SOP BR-0006)

All samples are prepared and analyzed in accordance with EPA Method 1631. Samples are oxidized with bromine monochloride (BrCl) and then analyzed with stannous chloride (SnCl2) reduction, single gold amalgamation, and cold vapor atomic fluorescence spectroscopy (CVAFS) detection using a BRL Model III CVAFS Mercury Analyzer.

The results were method blank-corrected as described in the calculations section of the relevant BRL SOP(s) and may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the *Sample Results* page for sample-specific MDLs, MRLs, and other details.

Sequence 1200896

The calibration on instrument THg-05 was outside of acceptance criteria (page 4 of the analysis sheet). All samples were transfered and analyzed on instrument THg-06 which already had a passing calibration.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B122215

All data was reported without qualification and all associated quality control sample results met the acceptance criteria.

Methylmercury in Water by EPA Method 1630 (SOP BR-0011)

Water samples are prepared by distillation. Distillates are analyzed by ethylation, Tenax trap collection, gas chromatography separation, isothermal decomposition, and cold vapor fluorescence spectroscopy (CVAFS).

The results were method blank-corrected as described in the calculations section of the relevant BRL SOP(s) and may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the *Sample Results* page for sample-specific MDLs, MRLs, and other details.

Sequence 1200923

The analysis of continuing calibration blanks CCB1 and CCB2 returned detectable results due to carryover. However, no sample results were bracketed and no further corrective action was necessary.

Several instrument peaks were manually integrated. These were reviewed and approved by BRL's Quality Assurance Department. The corrected peaks printouts were included after the *Analysis Benchsheet*.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B122187

All data was reported without qualification and all associated quality control sample results met the acceptance criteria.

ICP-MS Analysis by EPA Draft Method 1640, Mod. (BRL SOP BR-0066)

Samples are preserved to 0.2% (v/v) with pre-tested concentrated HNO_3 and then prepared by reductive precipitation (RP) according to EPA Method 1640. The procedure concentrates the samples by a factor of four and is a useful method for achieving a low level of detection for brackish waters and seawaters.

This method involves a reductive precipitation of all metals by sodium borohydride (NaBH4) followed by a filtration of the precipitate through a pre-cleaned 0.2-µm filter. The majority of the saltwater matrix remains in the filtrate. The metals on the filter are then digested and oxidized with nitric acid (HNO3) and hydrogen peroxide (H2O2).

Sample aliquots for Column chelation were adjusted to a pH of 1% (v/v) HNO_3. Sample extracts are then analyzed by inductively coupled plasma — mass spectrometry (ICP-MS) according to EPA Method 1640.

Aliquots of prepared sample were analyzed with a Perkin Elmer ELAN with internal standardization. Briefly, this method incorporates ionization of the sample in inductively coupled RF plasma, with detection of the resulting ions by mass spectrometer on the basis of their mass-to-charge ratio.

When the native sample concentration was a non-detect (reported as ND) and the corresponding DUP was also a non-detect, the RPD has been reported as 'N/C'.

The recoveries of the matrix spike or matrix spike duplicates (MS/MSD) were not reported (NR) when spiked at a concentration less than 25% of the native sample value.

Sequence 1200911 (RP)

The calibration standard (CAL1) recovered outside of acceptance criteria for Se analysis and was not used in the calibration; however reporting limit did not need to be elevated.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B122318

The SRM SLEW-3 is not reported for Se and Tl since the SRM was not certified for either of these analytes.

Quality control sample MS5 is seawater samples collected in Puget Sound and spiked with analytes of a known concentration.

All data was reported without qualification, aside from concentration qualifiers, and all associated quality control sample results met the acceptance criteria.

Sequence 1200959 (Column Chelation)

The CAL1 recovered outside of acceptance criteria for all reported analytes. The batch MRLs were adjusted accordingly.

The results of the initial calibration blank (ICB2) was greater than the low calibration standard. No client samples were bracketed and no further corrective action was warranted.

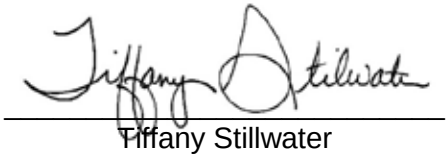
Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B122198

The continuing calibration verification standard (CCV8), bracketing the batch quality control samples, recovered outside of acceptance criteria for Cu. However, prior to the analysis of CCV8, the blank spike (BS1), standard reference material (SRM1 & 2) and MS/MSD set were analyzed and all recovered within the range of 94% to 113% showing the instrument was in control during the analysis. No client samples were bracketed by this CCV and no further corrective action was warranted.

All data was reported without qualification, aside from concentration qualifiers, and all associated quality control sample results met the acceptance criteria.

We certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. BRL, an accredited laboratory, certifies that the reported results of all analyses for which BRL is NELAP accredited meet all NELAP requirements. For more details, please see the *Report Information* page in your report. Please feel free to contact us if you have any questions regarding this report.



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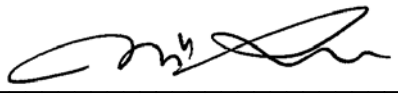

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Report Information

Laboratory Accreditation

BRL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BRL is also certified by many other states to perform environmental analyses. For a current list of our accreditations /certifications, please visit our website at <http://www.brooksrand.com/default.asp?contentID=586>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

BLK	method blank	**MS**	matrix spike
BRL	Brooks Rand Labs	**MSD**	matrix spike duplicate
BS	laboratory fortified blank	**ND**	non-detect
CAL	calibration standard	**NR**	non-reportable
CCV	continuing calibration verification	**PS**	post preparation spike
COC	chain of custody record	**REC**	percent recovery
CRM	certified reference material	**RPD**	relative percent difference
D	dissolved fraction	**RSD**	relative standard deviation
DUP	duplicate	**SCV**	secondary calibration verification
ICV	initial calibration verification	**SOP**	standard operating procedure
MDL	method detection limit	**SRM**	standard reference material
MRL	method reporting limit	**T**	total recoverable fraction

Definition of Data Qualifiers

(Effective 9/23/09)

B Detected by the instrument, the result is > the MDL but ≤ the MRL. Result is reported and considered an estimate.
E An estimated value due to the presence of interferences. A full explanation is presented in the narrative.
H Holding time and/or preservation requirements not met. Result is estimated.
J Estimated value. A full explanation is presented in the narrative.
J-M Duplicate precision (RPD) for associated QC sample was not within acceptance criteria. Result is estimated.
J-N Spike recovery for associated QC sample was not within acceptance criteria. Result is estimated.
M Duplicate precision (RPD) was not within acceptance criteria. Result is estimated.
N Spike recovery was not within acceptance criteria. Result is estimated.
R Rejected, unusable value. A full explanation is presented in the narrative.
U Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL.
X Result is not BLK-corrected and is within 10x the absolute value of the highest detectable BLK in the batch. Result is estimated.

These qualifiers are based on those previously utilized by Brooks Rand Labs, those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review; USEPA; January 2010. These supersede all previous qualifiers ever employed by BRL.

Sample Information

Sample	Lab ID	Report Matrix	Type	Sampled	Received
BRB11	1247011-01	Water	Sample	11/06/2012	11/20/2012
BRB11	1247011-02	Water	Sample	11/06/2012	11/20/2012
BRB11	1247011-03	Water	Sample	11/06/2012	11/20/2012
BRB11	1247011-04	Water	Sample	11/06/2012	11/20/2012

Batch Summary

Analyte	Lab Matrix	Method	Prepared	Analyzed	Batch	Sequence
As	Water	EPA 1640 RP	12/08/2012	12/08/2012	B122318	1200911
Cd	Water	EPA 1640 Column	12/03/2012	12/23/2012	B122198	1200959
Cu	Water	EPA 1640 Column	12/03/2012	12/23/2012	B122198	1200959
Hg	Water	EPA 1631	11/30/2012	12/04/2012	B122215	1200896
MeHg	Water	EPA 1630	12/10/2012	12/12/2012	B122187	1200923
Pb	Water	EPA 1640 Column	12/03/2012	12/23/2012	B122198	1200959
Se	Water	EPA 1640 RP	12/08/2012	12/08/2012	B122318	1200911
Tl	Water	EPA 1640 RP	12/08/2012	12/08/2012	B122318	1200911

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
BRB11										
1247011-03	As	Water	T	18.3		0.15	0.49	µg/L	B122318	1200911
1247011-04	Cd	Water	T	0.0202	U	0.0202	0.202	µg/L	B122198	1200959
1247011-04	Cu	Water	T	2.05		0.0404	0.202	µg/L	B122198	1200959
1247011-02	Hg	Water	T	3.20		0.16	0.42	ng/L	B122215	1200896
1247011-01	MeHg	Water	T	0.870		0.020	0.050	ng/L	B122187	1200923
1247011-04	Pb	Water	T	0.148	B	0.0202	0.202	µg/L	B122198	1200959
1247011-03	Se	Water	T	0.567	B	0.345	1.03	µg/L	B122318	1200911
1247011-03	Tl	Water	T	0.017	B	0.010	0.049	µg/L	B122318	1200911

Accuracy & Precision Summary

Batch: B122187
Lab Matrix: Water
Method: EPA 1630

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B122187-BS1	**Laboratory Fortified Blank (1249030)**						
	MeHg		0.9923	0.994	ng/L	100% 67-133	
B122187-BS2	**Laboratory Fortified Blank (1249030)**						
	MeHg		0.9969	0.802	ng/L	80% 67-133	
B122187-MS1	**Matrix Spike (1246011-07)**						
	MeHg	0.108	0.4376	0.537	ng/L	98% 65-135	
B122187-MSD1	**Matrix Spike Duplicate (1246011-07)**						
	MeHg	0.108	0.4338	0.506	ng/L	92% 65-135	6% 35

Accuracy & Precision Summary

Batch: B122198
Lab Matrix: Water
Method: EPA 1640 Column

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B122198-BS1	**Laboratory Fortified Blank (1240040)**						
	Cd		0.2020	0.2243	µg/L	111% 75-125	
	Cu		2.020	2.124	µg/L	105% 75-125	
	Pb		0.5051	0.4824	µg/L	96% 75-125	
B122198-SRM1	**Certified Reference Material (1238006, SLEW-3)**						
	Cd		0.04800	0.0485	µg/L	101% 75-125	
	Cu		1.550	1.609	µg/L	104% 75-125	
B122198-SRM2	**Certified Reference Material (1238005, CASS-5)**						
	Cu		0.3800	0.3583	µg/L	94% 75-125	
B122198-DUP2	**Duplicate (1247011-04)**						
	Cd	ND		ND	µg/L		N/C 20
	Cu	2.051		2.053	µg/L		0.1% 20
	Pb	0.1484		0.1509	µg/L		2% 20
B122198-MS2	**Matrix Spike (1247011-04)**						
	Cd	ND	30.30	32.85	µg/L	108% 75-125	
	Cu	2.051	30.30	33.21	µg/L	103% 75-125	
	Pb	0.1484	30.30	33.69	µg/L	111% 75-125	
B122198-MSD2	**Matrix Spike Duplicate (1247011-04)**						
	Cd	ND	30.30	32.08	µg/L	106% 75-125	2% 20
	Cu	2.051	30.30	32.85	µg/L	102% 75-125	1% 20
	Pb	0.1484	30.30	32.76	µg/L	108% 75-125	3% 20

Accuracy & Precision Summary

Batch: B122215
Lab Matrix: Water
Method: EPA 1631

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B122215-SRM1	**Certified Reference Material (1245026, NIST 1641d 1000x dilution)**						
	Hg		15.68	15.45	ng/L	99% 85-115	
B122215-MS3	**Matrix Spike (1248002-01)**						
	Hg	81.50	505.1	589.4	ng/L	101% 71-125	
B122215-MSD3	**Matrix Spike Duplicate (1248002-01)**						
	Hg	81.50	505.1	603.8	ng/L	103% 71-125	2% 24

Accuracy & Precision Summary

Batch: B122318
Lab Matrix: Water
Method: EPA 1640 RP

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B122318-BS1	**Laboratory Fortified Blank (1249001)**						
	As		9.950	7.28	µg/L	73% 70-130	
	Se		2.488	2.465	µg/L	99% 70-130	
	Tl		0.09950	0.092	µg/L	92% 70-130	
B122318-SRM1	**Certified Reference Material (1238007, SLEW-3)**						
	As		1.360	1.27	µg/L	93% 75-125	
B122318-MS5	**Matrix Spike (0944029-99)**						
	As	1.26	10.00	10.40	µg/L	91% 70-130	
	Se	0.198	2.500	2.405	µg/L	88% 70-130	
	Tl	0.011	0.1000	0.103	µg/L	92% 70-130	
B122318-DUP1	**Duplicate (1245005-09)**						
	As	92.41		94.01	µg/L		2% 30
	Se	ND		ND	µg/L		N/C 30
	Tl	0.036		0.036	µg/L		0.4% 30
B122318-MS1	**Matrix Spike (1245005-09)**						
	As	92.41	49.50	131.1	µg/L	78% 70-130	
	Se	ND	12.38	9.826	µg/L	79% 70-130	
	Tl	0.036	0.4950	0.492	µg/L	92% 70-130	
B122318-MSD1	**Matrix Spike Duplicate (1245005-09)**						
	As	92.41	49.14	126.8	µg/L	70% 70-130	3% 30
	Se	ND	12.29	10.68	µg/L	87% 70-130	8% 30
	Tl	0.036	0.4914	0.466	µg/L	88% 70-130	5% 30

Method Blanks & Reporting Limits

Batch: B122187
Matrix: Water
Method: EPA 1630
Analyte: MeHg

Sample	Result	Units
B122187-BLK1	0.004	ng/L
B122187-BLK2	0.005	ng/L
B122187-BLK3	0.004	ng/L
B122187-BLK4	0.004	ng/L

Average: 0.004 **Standard Deviation:** 0.001 **MDL:** 0.020
Limit: 0.045 **Limit:** 0.015 **MRL:** 0.049

Method Blanks & Reporting Limits

Batch: B122198
Matrix: Water
Method: EPA 1640 Column
Analyte: Cd 114

Sample	Result	Units
B122198-BLK1	-0.0005	µg/L
B122198-BLK2	-0.0005	µg/L
B122198-BLK3	-0.0005	µg/L
B122198-BLK4	-0.0005	µg/L

Average: -0.0005 **Standard Deviation:** 0.0000 **MDL:** 0.0020
Limit: 0.0202 **Limit:** 0.0020 **MRL:** 0.0202

Analyte: Cu 63

Sample	Result	Units
B122198-BLK1	-0.0029	µg/L
B122198-BLK2	-0.0035	µg/L
B122198-BLK3	-0.0012	µg/L
B122198-BLK4	-0.0044	µg/L

Average: -0.0030 **Standard Deviation:** 0.0013 **MDL:** 0.0040
Limit: 0.0202 **Limit:** 0.0040 **MRL:** 0.0202

Analyte: Pb

Sample	Result	Units
B122198-BLK1	-0.0010	µg/L
B122198-BLK2	-0.0012	µg/L
B122198-BLK3	-0.0007	µg/L
B122198-BLK4	-0.0011	µg/L

Average: -0.0010 **Standard Deviation:** 0.0002 **MDL:** 0.0020
Limit: 0.0202 **Limit:** 0.0020 **MRL:** 0.0202

Method Blanks & Reporting Limits

Batch: B122215
Matrix: Water
Method: EPA 1631
Analyte: Hg

Sample	Result	Units
B122215-BLK1	0.10	ng/L
B122215-BLK2	0.16	ng/L
B122215-BLK3	0.15	ng/L
B122215-BLK4	0.11	ng/L

Average: 0.13 **Standard Deviation:** 0.03 **MDL:** 0.15
Limit: 0.50 **Limit:** 0.10 **MRL:** 0.40

Method Blanks & Reporting Limits

Batch: B122318
Matrix: Water
Method: EPA 1640 RP
Analyte: As 75

Sample	Result	Units
B122318-BLK1	0.01	µg/L
B122318-BLK2	0.008	µg/L
B122318-BLK3	0.03	µg/L
B122318-BLK4	0.02	µg/L

Average: 0.02 **Standard Deviation:** 0.01 **MDL:** 0.03
Limit: 0.10 **Limit:** 0.03 **MRL:** 0.10

Analyte: Se 82

Sample	Result	Units
B122318-BLK1	-0.052	µg/L
B122318-BLK2	-0.076	µg/L
B122318-BLK3	-0.021	µg/L
B122318-BLK4	-0.034	µg/L

Average: -0.046 **Standard Deviation:** 0.024 **MDL:** 0.070
Limit: 0.210 **Limit:** 0.070 **MRL:** 0.210

Analyte: Tl

Sample	Result	Units
B122318-BLK1	-0.000004	µg/L
B122318-BLK2	-0.0001	µg/L
B122318-BLK3	-0.0001	µg/L
B122318-BLK4	0.000002	µg/L

Average: 0.000 **Standard Deviation:** 0.000 **MDL:** 0.002
Limit: 0.010 **Limit:** 0.002 **MRL:** 0.010

Instrument Calibration

Sequence: 1200896
Instrument: THG-06(MerxT)
Date: 12/04/2012
Analyte: Hg

Total Mercury and Mercury Speciation by CVAFS
Method: EPA 1631

Lab ID	True Value	Result	Units	REC & Limits	
1200896-IBL1		3.09	pg of Hg		
1200896-IBL2		3.57	pg of Hg		
1200896-IBL3		3.27	pg of Hg		
1200896-IBL4		3.35	pg of Hg		
1200896-CAL1	10.00	9.94	pg of Hg	99%	
1200896-CAL2	25.00	25.16	pg of Hg	101%	
1200896-CAL3	100.0	101.6	pg of Hg	102%	
1200896-CAL4	500.0	501.7	pg of Hg	100%	
1200896-CAL5	2500	2525	pg of Hg	101%	
1200896-CAL6	10000	9713	pg of Hg	97%	
1200896-ICV1	1568	1545	pg of Hg	99%	85-115
1200896-CCB1		5.95	pg of Hg		
1200896-CCV1	500.0	504.0	pg of Hg	101%	77-123
1200896-CCB2		4.12	pg of Hg		
1200896-CCB3		3.41	pg of Hg		
1200896-CCB4		3.82	pg of Hg		
1200896-CCV2	500.0	557.8	pg of Hg	112%	77-123
1200896-CCB5		3.92	pg of Hg		
1200896-CCV3	500.0	507.7	pg of Hg	102%	77-123
1200896-CCB6		4.17	pg of Hg		
1200896-CCV4	500.0	509.9	pg of Hg	102%	77-123
1200896-CCB7		3.46	pg of Hg		
1200896-CCV5	500.0	510.8	pg of Hg	102%	77-123
1200896-CCB8		3.85	pg of Hg		
1200896-CCV6	500.0	507.3	pg of Hg	101%	77-123
1200896-CCB9		3.38	pg of Hg		
1200896-CCV7	500.0	517.0	pg of Hg	103%	77-123
1200896-CCBA		4.87	pg of Hg		
1200896-CCV8	500.0	510.6	pg of Hg	102%	77-123
1200896-CCBB		4.69	pg of Hg		
1200896-CCV9	500.0	511.8	pg of Hg	102%	77-123
1200896-CCBC		7.57	pg of Hg		
1200896-CCVA	500.0	506.7	pg of Hg	101%	77-123
1200896-CCBD		6.28	pg of Hg		
1200896-CCVB	500.0	503.6	pg of Hg	101%	77-123
1200896-CCBE		5.66	pg of Hg		

Instrument Calibration

Sequence: 1200911
Instrument: ICP-MS-2
Date: 12/08/2012
Analyte: As 75

Trace Metals by ICP-MS
Method: EPA 1640 RP

Lab ID	True Value	Result	Units	REC & Limits	
1200911-ICB1		0.00	µg/L		
1200911-CAL1	0.2000	0.22	µg/L	108%	
1200911-CAL2	0.4000	0.34	µg/L	85%	
1200911-CAL3	2.000	1.97	µg/L	98%	
1200911-CAL4	5.000	4.94	µg/L	99%	
1200911-CAL5	10.00	10.48	µg/L	105%	
1200911-CAL6	50.00	50.68	µg/L	101%	
1200911-CAL7	100.0	102.5	µg/L	103%	
1200911-CAL8	200.0	203.6	µg/L	102%	
1200911-ICB2		-0.05	µg/L		
1200911-ICV1	5.000	4.82	µg/L	96%	85-115
1200911-ICB3		-0.15	µg/L		
1200911-IBL1		-0.12	µg/L		
1200911-IBL2		-0.02	µg/L		
1200911-IBL3		0.06	µg/L		
1200911-IBL4		-0.01	µg/L		
1200911-SCV1	60.45	59.67	µg/L	99%	75-125
1200911-CCV1	5.000	5.18	µg/L	104%	75-125
1200911-CCB1		0.08	µg/L		
1200911-CCV2	5.000	5.15	µg/L	103%	75-125
1200911-CCB2		-0.22	µg/L		
1200911-CCV3	5.000	4.99	µg/L	100%	75-125
1200911-CCB3		-0.03	µg/L		
1200911-CCV4	5.000	5.06	µg/L	101%	75-125
1200911-CCB4		-0.15	µg/L		
1200911-CCV5	5.000	5.15	µg/L	103%	75-125
1200911-CCB5		-0.07	µg/L		
1200911-CCV6	5.000	5.24	µg/L	105%	75-125
1200911-CCB6		-0.17	µg/L		
1200911-CCV7	10.00	10.91	µg/L	109%	75-125
1200911-CCB7		-0.05	µg/L		
1200911-CCV8	10.00	10.75	µg/L	108%	75-125
1200911-CCB8		0.04	µg/L		
1200911-CCV9	10.00	10.79	µg/L	108%	75-125
1200911-CCB9		0.06	µg/L		

Instrument Calibration

Sequence: 1200911
Instrument: ICP-MS-2
Date: 12/08/2012
Analyte: Se 82

Trace Metals by ICP-MS
Method: EPA 1640 RP

Lab ID	True Value	Result	Units	REC & Limits	
1200911-ICB1		0.000	µg/L		
1200911-CAL2	0.4000	0.396	µg/L	99%	
1200911-CAL3	2.000	2.098	µg/L	105%	
1200911-CAL4	10.00	9.978	µg/L	100%	
1200911-CAL5	20.00	19.78	µg/L	99%	
1200911-CAL6	40.00	39.72	µg/L	99%	
1200911-CAL7	100.0	99.27	µg/L	99%	
1200911-CAL8	200.0	197.6	µg/L	99%	
1200911-ICB2		0.350	µg/L		
1200911-ICV1	10.00	9.251	µg/L	93%	85-115
1200911-ICB3		0.075	µg/L		
1200911-IBL1		-0.110	µg/L		
1200911-IBL2		-0.017	µg/L		
1200911-IBL3		-0.121	µg/L		
1200911-IBL4		-0.126	µg/L		
1200911-SCV1	11.97	11.27	µg/L	94%	75-125
1200911-CCV1	10.00	10.26	µg/L	103%	75-125
1200911-CCB1		0.192	µg/L		
1200911-CCV2	10.00	9.840	µg/L	98%	75-125
1200911-CCB2		0.136	µg/L		
1200911-CCV3	10.00	10.06	µg/L	101%	75-125
1200911-CCB3		0.081	µg/L		
1200911-CCV4	10.00	9.520	µg/L	95%	75-125
1200911-CCB4		-0.193	µg/L		
1200911-CCV5	10.00	10.01	µg/L	100%	75-125
1200911-CCB5		-0.080	µg/L		
1200911-CCV6	10.00	10.49	µg/L	105%	75-125
1200911-CCB6		-0.147	µg/L		
1200911-CCV7	20.00	20.14	µg/L	101%	75-125
1200911-CCB7		-0.114	µg/L		
1200911-CCV8	20.00	19.77	µg/L	99%	75-125
1200911-CCB8		0.024	µg/L		
1200911-CCV9	20.00	19.78	µg/L	99%	75-125
1200911-CCB9		-0.057	µg/L		

Instrument Calibration

Sequence: 1200911
Instrument: ICP-MS-2
Date: 12/08/2012
Analyte: Tl

Trace Metals by ICP-MS
Method: EPA 1640 RP

Lab ID	True Value	Result	Units	REC & Limits	
1200911-ICB1		0.000	µg/L		
1200911-CAL1	0.01000	0.010	µg/L	100%	
1200911-CAL2	0.02000	0.020	µg/L	99%	
1200911-CAL3	0.1000	0.100	µg/L	100%	
1200911-CAL4	0.2500	0.257	µg/L	103%	
1200911-CAL5	0.5000	0.506	µg/L	101%	
1200911-CAL6	2.500	2.490	µg/L	100%	
1200911-CAL7	5.000	4.947	µg/L	99%	
1200911-CAL8	10.00	9.815	µg/L	98%	
1200911-ICB2		0.0002	µg/L		
1200911-ICV1	0.2500	0.238	µg/L	95%	85-115
1200911-ICB3		-0.0005	µg/L		
1200911-IBL1		-0.0004	µg/L		
1200911-IBL2		-0.001	µg/L		
1200911-IBL3		-0.0005	µg/L		
1200911-IBL4		-0.0009	µg/L		
1200911-SCV1	7.445	7.557	µg/L	102%	75-125
1200911-CCV1	0.2500	0.263	µg/L	105%	75-125
1200911-CCB1		-0.0009	µg/L		
1200911-CCV2	0.2500	0.258	µg/L	103%	75-125
1200911-CCB2		-0.001	µg/L		
1200911-CCV3	0.2500	0.255	µg/L	102%	75-125
1200911-CCB3		-0.0009	µg/L		
1200911-CCV4	0.2500	0.249	µg/L	100%	75-125
1200911-CCB4		-0.0006	µg/L		
1200911-CCV5	0.2500	0.259	µg/L	104%	75-125
1200911-CCB5		-0.001	µg/L		
1200911-CCV6	0.2500	0.259	µg/L	103%	75-125
1200911-CCB6		-0.0005	µg/L		
1200911-CCV7	0.5000	0.516	µg/L	103%	75-125
1200911-CCB7		-0.0008	µg/L		
1200911-CCV8	0.5000	0.509	µg/L	102%	75-125
1200911-CCB8		-0.0006	µg/L		
1200911-CCV9	0.5000	0.516	µg/L	103%	75-125
1200911-CCB9		-0.0003	µg/L		

Instrument Calibration

Sequence: 1200923
Instrument: MMHG-09
Date: 12/12/2012
Analyte: MeHg

Total Mercury and Mercury Speciation by CVAFS
Method: EPA 1630

Lab ID	True Value	Result	Units	REC & Limits	
1200923-IBL1		0.073	pg MeHg		
1200923-IBL2		0.024	pg MeHg		
1200923-IBL3		0.045	pg MeHg		
1200923-CAL1	0.5000	0.489	pg MeHg	98%	
1200923-CAL2	1.000	0.989	pg MeHg	99%	
1200923-CAL3	2.000	2.021	pg MeHg	101%	
1200923-CAL4	10.00	10.01	pg MeHg	100%	
1200923-CAL5	50.00	48.77	pg MeHg	98%	
1200923-CAL6	250.0	246.4	pg MeHg	99%	
1200923-CAL7	1000	1067	pg MeHg	107%	
1200923-CCB1		0.557	pg MeHg		
1200923-ICV1	100.0	102.0	pg MeHg	102%	80-120
1200923-CCB2		1.07	pg MeHg		
1200923-CCV1	25.00	24.59	pg MeHg	98%	67-133
1200923-CCB3		0.195	pg MeHg		
1200923-CCB4		0.240	pg MeHg		
1200923-CCB5		0.114	pg MeHg		
1200923-CCV2	25.00	25.28	pg MeHg	101%	67-133
1200923-CCB6		0.077	pg MeHg		
1200923-CCV3	25.00	24.94	pg MeHg	100%	67-133
1200923-CCB7		0.085	pg MeHg		
1200923-CCV4	25.00	24.99	pg MeHg	100%	67-133
1200923-CCB8		0.102	pg MeHg		
1200923-CCV5	25.00	25.76	pg MeHg	103%	67-133
1200923-CCB9		0.093	pg MeHg		
1200923-CCV6	25.00	24.93	pg MeHg	100%	67-133
1200923-CCBA		0.081	pg MeHg		

Instrument Calibration

Sequence: 1200959
Instrument: ICP-MS-2
Date: 12/23/2012
Analyte: Cd 114

Trace Metals by ICP-MS
Method: EPA 1640 Column

Lab ID	True Value	Result	Units	REC & Limits	
1200959-ICB1		0.000	ng/L		
1200959-CAL2	20.00	19.96	ng/L	100%	
1200959-CAL3	50.00	50.09	ng/L	100%	
1200959-CAL4	100.0	100.5	ng/L	100%	
1200959-CAL5	500.0	504.8	ng/L	101%	
1200959-CAL6	1000	998.5	ng/L	100%	
1200959-CAL7	5000	4938	ng/L	99%	
1200959-ICB2		8.592	ng/L		
1200959-ICV1	50.00	56.19	ng/L	112%	85-115
1200959-ICB3		-0.4036	ng/L		
1200959-IBL1		0.0011	ng/L		
1200959-IBL2		-0.4625	ng/L		
1200959-IBL3		-0.3272	ng/L		
1200959-IBL4		-0.4456	ng/L		
1200959-SCV1	48.00	47.96	ng/L	100%	75-125
1200959-SCV2	21.50	16.82	ng/L	78%	75-125
1200959-CCV1	100.0	102.7	ng/L	103%	75-125
1200959-CCB1		-0.4035	ng/L		
1200959-CCV2	100.0	103.6	ng/L	104%	75-125
1200959-CCB2		-0.1497	ng/L		
1200959-CCV3	100.0	103.0	ng/L	103%	75-125
1200959-CCB3		-0.3872	ng/L		
1200959-CCV4	100.0	107.2	ng/L	107%	75-125
1200959-CCB4		-0.1410	ng/L		
1200959-CCV6	100.0	107.5	ng/L	108%	75-125
1200959-CCB6		-0.4532	ng/L		
1200959-CCV7	100.0	106.9	ng/L	107%	75-125
1200959-CCB7		-0.4570	ng/L		
1200959-CCV8	100.0	112.4	ng/L	112%	75-125
1200959-CCB8		-0.3813	ng/L		
1200959-CCV9	500.0	548.1	ng/L	110%	75-125
1200959-CCB9		-0.4448	ng/L		
1200959-CCVA	500.0	543.0	ng/L	109%	75-125
1200959-CCBA		-0.3222	ng/L		

Project ID: UDE-SL1201
PM: Tiffany Stilwater

BRL Report 1247011
Client PM: Jodi Gardberg
Client PO: SS12208

Instrument Calibration

Sequence: 1200959
Instrument: ICP-MS-2
Date: 12/23/2012
Analyte: Cu 63

Trace Metals by ICP-MS
Method: EPA 1640 Column

Lab ID	True Value	Result	Units	REC & Limits	
1200959-ICB1		0.000	ng/L		
1200959-CAL2	20.00	19.71	ng/L	99%	
1200959-CAL3	50.00	51.88	ng/L	104%	
1200959-CAL4	100.0	100.2	ng/L	100%	
1200959-CAL5	500.0	491.7	ng/L	98%	
1200959-CAL6	1000	991.2	ng/L	99%	
1200959-CAL7	5000	5002	ng/L	100%	
1200959-ICB2		116.8	ng/L		
1200959-ICV1	500.0	522.0	ng/L	104%	85-115
1200959-ICB3		-1.256	ng/L		
1200959-IBL1		0.2352	ng/L		
1200959-IBL2		-2.911	ng/L		
1200959-IBL3		-3.059	ng/L		
1200959-IBL4		-2.714	ng/L		
1200959-SCV1	1550	1606	ng/L	104%	75-125
1200959-SCV2	380.0	355.3	ng/L	94%	75-125
1200959-CCV1	100.0	100.8	ng/L	101%	75-125
1200959-CCB1		-2.333	ng/L		
1200959-CCV2	100.0	105.4	ng/L	105%	75-125
1200959-CCB2		-0.0689	ng/L		
1200959-CCV3	100.0	105.4	ng/L	105%	75-125
1200959-CCB3		-2.975	ng/L		
1200959-CCV4	100.0	107.3	ng/L	107%	75-125
1200959-CCB4		-1.793	ng/L		
1200959-CCV5	100.0	103.9	ng/L	104%	75-125
1200959-CCB5		-2.163	ng/L		
1200959-CCV6	100.0	107.0	ng/L	107%	75-125
1200959-CCB6		-2.824	ng/L		
1200959-CCV7	100.0	103.8	ng/L	104%	75-125
1200959-CCB7		-3.167	ng/L		
1200959-CCV8	100.0	140.8	ng/L	*141%*	75-125
1200959-CCB8		9.336	ng/L		
1200959-CCV9	500.0	507.8	ng/L	102%	75-125
1200959-CCB9		-2.319	ng/L		
1200959-CCVA	500.0	523.7	ng/L	105%	75-125
1200959-CCBA		-1.959	ng/L		

Instrument Calibration

Sequence: 1200959
Instrument: ICP-MS-2
Date: 12/23/2012
Analyte: Pb

Trace Metals by ICP-MS
Method: EPA 1640 Column

Lab ID	True Value	Result	Units	REC & Limits	
1200959-ICB1		0.000	ng/L		
1200959-CAL2	20.00	20.29	ng/L	101%	
1200959-CAL3	50.00	49.32	ng/L	99%	
1200959-CAL4	100.0	96.73	ng/L	97%	
1200959-CAL5	500.0	476.5	ng/L	95%	
1200959-CAL6	1000	924.3	ng/L	92%	
1200959-CAL7	5000	5771	ng/L	115%	
1200959-ICB2		13.05	ng/L		
1200959-ICV1	250.0	249.8	ng/L	100%	85-115
1200959-ICB3		1.422	ng/L		
1200959-IBL1		0.0105	ng/L		
1200959-IBL2		0.2952	ng/L		
1200959-IBL3		0.3937	ng/L		
1200959-IBL4		0.1472	ng/L		
1200959-SCV1	9.000	6.979	ng/L	78%	75-125
1200959-SCV2	11.00	8.719	ng/L	79%	75-125
1200959-CCV1	100.0	96.29	ng/L	96%	75-125
1200959-CCB1		0.3887	ng/L		
1200959-CCV2	100.0	97.67	ng/L	98%	75-125
1200959-CCB2		0.2720	ng/L		
1200959-CCV3	100.0	98.03	ng/L	98%	75-125
1200959-CCB3		-0.1553	ng/L		
1200959-CCV4	100.0	101.2	ng/L	101%	75-125
1200959-CCB4		-0.3141	ng/L		
1200959-CCV5	100.0	100.1	ng/L	100%	75-125
1200959-CCB5		-0.1356	ng/L		
1200959-CCV6	100.0	99.53	ng/L	100%	75-125
1200959-CCB6		-0.5475	ng/L		
1200959-CCV7	100.0	98.41	ng/L	98%	75-125
1200959-CCB7		-0.6535	ng/L		
1200959-CCV8	100.0	100.8	ng/L	101%	75-125
1200959-CCB8		-0.0682	ng/L		
1200959-CCV9	500.0	489.3	ng/L	98%	75-125
1200959-CCB9		0.2567	ng/L		
1200959-CCVA	500.0	487.6	ng/L	98%	75-125
1200959-CCBA		-0.0833	ng/L		

Project ID: UDE-SL1201
PM: Tiffany Stilwater

Client PM: Jodi Gardberg
Client PO: SS12208

Sample Containers

Lab ID: 1247011-01 **Report Matrix:** Water **Collected:** 11/06/2012
Sample: BRB11 **Sample Type:** Sample **Received:** 11/20/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-SP	250 mL	7165989020	2 mL 9N H2SO4 (PP)	1237045	<2	Cooler

Lab ID: 1247011-02 **Report Matrix:** Water **Collected:** 11/06/2012
Sample: BRB11 **Sample Type:** Sample **Received:** 11/20/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	250 mL	7165989020	0.5% HCl (BRL)	1237113	<2	Cooler

Lab ID: 1247011-03 **Report Matrix:** Water **Collected:** 11/06/2012
Sample: BRB11 **Sample Type:** Sample **Received:** 11/20/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	1 L	12-196	0.2% HNO3 (BRL)	1237106	<2	Cooler

Lab ID: 1247011-04 **Report Matrix:** Water **Collected:** 11/06/2012
Sample: BRB11 **Sample Type:** Sample **Received:** 11/20/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-ChelC	250 mL	12-199	1% HNO3 (BRL)	1237106	<2	Cooler

Shipping Containers

Cooler

Received: November 20, 2012 8:50
Tracking No: 800370816589 via FedEx
Coolant Type: Ice
Temperature: 0.7 °C

Description: Cooler
Damaged in transit? No
Returned to client? No

Custody seals present? No
Custody seals intact? No
COC present? Yes

BROOKS RAND LABS
MEANINGFUL METALS DATA
3958 6th Avenue NW
Seattle, WA 98107
Phone: 206-632-6206
Fax: 206-632-6017
samples@brooksrand.com
www.brooksrand.com

Chain of Custody Record

Page_____of_____

White: LAB COPY
Yellow: CUSTOMER COPY

Client: UDWQ
Contact: JODI GARDBERG
Client project ID: GREAT SALT LAKE WQ
PO #:

Address: 195 NORTH 1950 WEST
SALT LAKE CITY, UT 84114-4870
Phone #: 801 536-4372

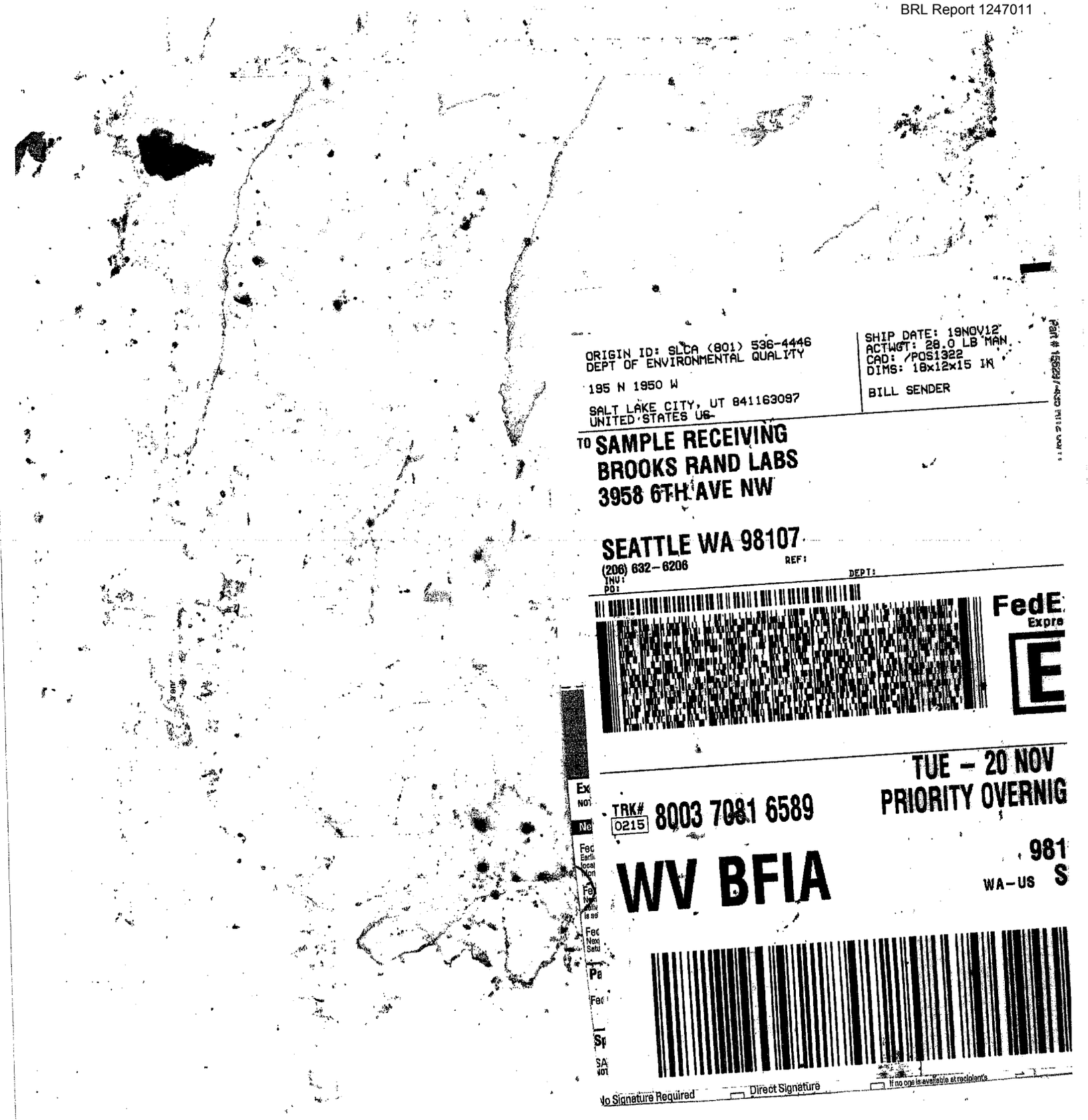
COC receipt confirmation? (Y) / N
If so, by: (email) / fax (circle one)
Email: jgardberg@utah.gov
Fax #:

Requested TAT in business days:
☑ 20 (standard)
☐ 15
☐ 10
☐ 5
☐ Other ____
Surcharges apply for expedited turn around times.

	Sample ID	Collection: Date	Collection: Time	Misc: Sampler (initials)	Misc: Matrix type	Misc: # of containers	Misc: Field filtered? (Y/N)	Field Preservation: Unpreserved / ice only	Field Preservation: HCl / HNO_3 (circle one)	Field Preservation: Other (specify)	Analyses required: Total Hg, EPA 1631	Analyses required: Methyl Hg, EPA 1630	Analyses required: ICP-MS Metals (specify)	Analyses required: As / Se species (specify)	Analyses required: % Solids	Analyses required: Filtration	Analyses required: Other (specify)	Analyses required: Other (specify)	Comments
1	BRBU	11/06	1400	JG	H_2O	3	N			✓	✓	✓	✓		✓				
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished by: JG | Date: 11/19 | Time:
Received by: | Date: | Time:
Shipping carrier: | # of coolers: 1

Relinquished by: | Date: | Time:
Received at BRL by: [signature] | Date: 11/20/12 | Time: 0850
BRL work order ID: | BRL project ID:



ORIGIN ID: SLCA (801) 536-4446
DEPT OF ENVIRONMENTAL QUALITY

195 N 1950 W

SALT LAKE CITY, UT 841163097
UNITED STATES US

SHIP DATE: 19NOV12
ACTWGT: 28.0 LB MAN
CAD: /POS1322
DIMS: 18x12x15 IN

BILL SENDER

TO SAMPLE RECEIVING
BROOKS RAND LABS
3958 6TH AVE NW

SEATTLE WA 98107
(206) 632-6206

REF:
INV:
PO:
DEPT:

FedE
Expre

TUE - 20 NOV
PRIORITY OVERNIG

TRK# 0215 8003 7081 6589

WV BFIA

981
WA-US

No Signature Required Direct Signature If no one is available at recipient's

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200896-IBL1	1200896	QC	1		-			
1200896-IBL2	1200896	QC	2		-			
1200896-IBL3	1200896	QC	3		-			
1200896-IBL4	1200896	QC	4		-			
1200896-CAL1	1200896	QC	5	1245034	-			
1200896-CAL2	1200896	QC	6	1245033	-			
1200896-CAL3	1200896	QC	7	1245032	-			
1200896-CAL4	1200896	QC	8	1245031	-			
1200896-CAL5	1200896	QC	9	1245030	-			
1200896-CAL6	1200896	QC	10	1245029	-			
1200896-ICV1	1200896	QC	11	1245027	-			
1200896-CCB1	1200896	QC	12		-			
1200896-CCV1	1200896	QC	13	1245028	-			
1200896-CCB2	1200896	QC	14		-			
1200896-CCB3	1200896	QC	15		-			
1200896-CCB4	1200896	QC	16		-			
B122055-BLK1	B122055	QC	17		-			
B122055-BLK2	B122055	QC	18		-			
B122055-BLK3	B122055	QC	19		-			
B122055-BLK4	B122055	QC	20		-			
B122055-BS1	B122055	QC	21		-			
B122055-BS2	B122055	QC	22		-			
B122055-BS3	B122055	QC	23		-			
B122055-BS4	B122055	QC	24		-			
B122055-BS5	B122055	QC	25		-			
1200896-CCV2	1200896	QC	26	1245028	-			

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200896-CCB5	1200896	QC	27		-			
B122131-BLK1	B122131	QC	28		-			
B122131-BLK2	B122131	QC	29		-			
B122131-BLK3	B122131	QC	30		-			
B122131-BLK4	B122131	QC	31		-			
B122131-SRM1	B122131	QC	32		-			
B122131-SRM2	B122131	QC	33		-			
B122131-SRM3	B122131	QC	34		-			
B122131-SRM4	B122131	QC	35		-			
1245015-01	B122131	Hg(F1)-S-CVAFS	36			AEC-AS1201	11/30/2012	
1245015-02	B122131	Hg(F1)-S-CVAFS	37			AEC-AS1201	11/30/2012	
1200896-CCV3	1200896	QC	38	1245028	-			
1200896-CCB6	1200896	QC	39		-			
1245015-03	B122131	Hg(F1)-S-CVAFS	40			AEC-AS1201	11/30/2012	
B122131-DUP1	B122131	QC	41		1245015-03			
1245015-04	B122131	Hg(F1)-S-CVAFS	42			AEC-AS1201	11/30/2012	
1245015-05	B122131	Hg(F1)-S-CVAFS	43			AEC-AS1201	11/30/2012	
1246019-01	B122131	Hg(F1)-S-CVAFS	44			PSC-CL1201	12/3/2012	
1246019-02	B122131	Hg(F1)-S-CVAFS	45			PSC-CL1201	12/3/2012	
1246019-03	B122131	Hg(F1)-S-CVAFS	46			PSC-CL1201	12/3/2012	
1200896-CCV4	1200896	QC	47	1245028	-			
1200896-CCB7	1200896	QC	48		-			
B122132-BLK1	B122132	QC	49		-			
B122132-BLK2	B122132	QC	50		-			
B122132-BLK3	B122132	QC	51		-			
B122132-BLK4	B122132	QC	52		-			

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B122132-SRM1	B122132	QC	53		-			
B122132-SRM2	B122132	QC	54		-			
B122132-SRM3	B122132	QC	55		-			
B122132-SRM4	B122132	QC	56		-			
1245015-01	B122132	Hg(F2)-S-CVAFS	57			AEC-AS1201	11/30/2012	
1245015-02	B122132	Hg(F2)-S-CVAFS	58			AEC-AS1201	11/30/2012	
1200896-CCV5	1200896	QC	59	1245028	-			
1200896-CCB8	1200896	QC	60		-			
1245015-03	B122132	Hg(F2)-S-CVAFS	61			AEC-AS1201	11/30/2012	
B122132-DUP1	B122132	QC	62		1245015-03			
1245015-04	B122132	Hg(F2)-S-CVAFS	63			AEC-AS1201	11/30/2012	
1245015-05	B122132	Hg(F2)-S-CVAFS	64			AEC-AS1201	11/30/2012	
1246019-01	B122132	Hg(F2)-S-CVAFS	65			PSC-CL1201	12/3/2012	
1246019-02	B122132	Hg(F2)-S-CVAFS	66			PSC-CL1201	12/3/2012	
1246019-03	B122132	Hg(F2)-S-CVAFS	67			PSC-CL1201	12/3/2012	
1200896-CCV6	1200896	QC	68	1245028	-			
1200896-CCB9	1200896	QC	69		-			
B122215-BLK1	B122215	QC	70		-			
B122215-BLK2	B122215	QC	71		-			
B122215-BLK3	B122215	QC	72		-			
B122215-BLK4	B122215	QC	73		-			
B122215-SRM1	B122215	QC	74		-			
1248002-03	B122215	Hg-W-BrCl-MERX-TR	75			DUK-HV1201	12/7/2012	
1248002-04	B122215	Hg-W-BrCl-MERX-Diss	76			DUK-HV1201	12/7/2012	
1248002-07	B122215	Hg-W-BrCl-MERX-TR	77			DUK-HV1201	12/7/2012	
1248002-08	B122215	Hg-W-BrCl-MERX-Diss	78			DUK-HV1201	12/7/2012	

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248002-11	B122215	Hg-W-BrCl-MERX-TR	79			DUK-HV1201	12/7/2012	
1248002-12	B122215	Hg-W-BrCl-MERX-Diss	80			DUK-HV1201	12/7/2012	
1200896-CCV7	1200896	QC	81	1245028	-			
1200896-CCBA	1200896	QC	82		-			
1248003-05	B122215	Hg-W-BrCl-MERX-TR	83			DUK-HV1201	12/7/2012	
1248003-06	B122215	Hg-W-BrCl-MERX-Diss	84			DUK-HV1201	12/7/2012	
1248003-07	B122215	Hg-W-BrCl-MERX-TR	85			DUK-HV1201	12/7/2012	
1248003-08	B122215	Hg-W-BrCl-MERX-Diss	86			DUK-HV1201	12/7/2012	
1248015-03	B122215	Hg-W-BrCl-MERX-TR	87			MMC-LI0801	12/20/2012	
1248015-04	B122215	Hg-W-BrCl-MERX-TR	88			MMC-LI0801	12/20/2012	
1247008-03	B122215	Hg-W-BrCl-MERX-TR	89			ORS-CN1201	12/13/2012	
1247013-01	B122215	Hg-W-BrCl-MERX-NoMB-TR	90			WIN-SE1201	12/28/2012	
1248016-01	B122215	Hg-W-BrCl-MERX-TR	91			BCT001	12/4/2012	Please notify PM if the sample result is >14ng/L
1248016-01	B122215	Hg-W-BrCl-MERX-NoMB-TR	92			BCT001	1/1/1980	BatchQC
1248016-01	B122215	Hg-W-BrCl-MERX-Diss	93			BCT001	1/1/1980	BatchQC
B122215-MS1	B122215	QC	94		1248016-01			
1200896-CCV8	1200896	QC	95	1245028	-			
1200896-CCBB	1200896	QC	96		-			
B122215-MSD1	B122215	QC	97		1248016-01			
1248002-06	B122215	Hg-W-BrCl-MERX-Diss	98			DUK-HV1201	12/7/2012	
1248002-09	B122215	Hg-W-BrCl-MERX-TR	99			DUK-HV1201	12/7/2012	
1248002-10	B122215	Hg-W-BrCl-MERX-Diss	100			DUK-HV1201	12/7/2012	
1248003-03	B122215	Hg-W-BrCl-MERX-TR	101			DUK-HV1201	12/7/2012	
1248003-04	B122215	Hg-W-BrCl-MERX-Diss	102			DUK-HV1201	12/7/2012	
1248003-09	B122215	Hg-W-BrCl-MERX-TR	103			DUK-HV1201	12/7/2012	
1248003-10	B122215	Hg-W-BrCl-MERX-Diss	104			DUK-HV1201	12/7/2012	

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248001-01	B122215	Hg-W-BrCl-MERX-TR	105			HCL-MU0801	12/6/2012	
1248001-02	B122215	Hg-W-BrCl-MERX-TR	106			HCL-MU0801	12/6/2012	
1200896-CCV9	1200896	QC	107	1245028	-			
1200896-CCBC	1200896	QC	108		-			
1248015-01	B122215	Hg-W-BrCl-MERX-TR	109			MMC-LI0801	12/20/2012	
1248015-02	B122215	Hg-W-BrCl-MERX-Diss	110			MMC-LI0801	12/20/2012	
1247008-01	B122215	Hg-W-BrCl-MERX-TR	111			ORS-CN1201	12/13/2012	
1247008-02	B122215	Hg-W-BrCl-MERX-Diss	112			ORS-CN1201	12/13/2012	
1248009-01	B122215	Hg-W-BrCl-MERX-Diss	113			ORS-CN1201	1/1/1980	BatchQC
1248009-01	B122215	Hg-W-BrCl-MERX-NoMB-TR	114			ORS-CN1201	1/1/1980	BatchQC
1248009-01	B122215	Hg-W-BrCl-MERX-TR	115			ORS-CN1201	12/19/2012	
B122215-MS2	B122215	QC	116		1248009-01			
B122215-MSD2	B122215	QC	117		1248009-01			
1248009-02	B122215	Hg-W-BrCl-MERX-Diss	118			ORS-CN1201	12/19/2012	
1248009-03	B122215	Hg-W-BrCl-MERX-TR	119			ORS-CN1201	12/19/2012	
1248009-04	B122215	Hg-W-BrCl-MERX-Diss	120			ORS-CN1201	12/19/2012	
1200896-CCVA	1200896	QC	121	1245028	-			
1200896-CCBD	1200896	QC	122		-			
1247011-02	B122215	Hg-W-BrCl-MERX-TR	123			UDE-SL1201	12/13/2012	
1248002-01	B122215	Hg-W-BrCl-MERX-TR	124			DUK-HV1201	12/7/2012	
1248002-01	B122215	Hg-W-BrCl-MERX-NoMB-TR	125			DUK-HV1201	1/1/1980	BatchQC
1248002-01	B122215	Hg-W-BrCl-MERX-Diss	126			DUK-HV1201	1/1/1980	BatchQC
B122215-MS3	B122215	QC	127		1248002-01			
B122215-MSD3	B122215	QC	128		1248002-01			
1248002-02	B122215	Hg-W-BrCl-MERX-Diss	129			DUK-HV1201	12/7/2012	
1248003-01	B122215	Hg-W-BrCl-MERX-TR	130			DUK-HV1201	12/7/2012	

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248003-02	B122215	Hg-W-BrCl-MERX-Diss	131			DUK-HV1201	12/7/2012	
1248002-05	B122215	Hg-W-BrCl-MERX-TR	132			DUK-HV1201	12/7/2012	
1200896-CCVB	1200896	QC	133	1245028	-			
1200896-CCBE	1200896	QC	134		-			
1248006-01RE1	B122218	Hg-S-AR-MERX-CVAFS	135			ARC-HR1201	12/5/2012	Added 11/30/2012 by MSU
1248006-03RE1	B122218	Hg-S-AR-MERX-CVAFS	136			ARC-HR1201	12/5/2012	Added 11/30/2012 by MSU
B122218-DUP2	B122218	QC	137		1248006-03RE1			
B122218-MS2	B122218	QC	138		1248006-03RE1			
B122218-MSD2	B122218	QC	139		1248006-03RE1			
B122218-PS1	B122218	QC	140		1248006-03RE1			
1200896-CCVC	1200896	QC	141	1245028	-			
1200896-CCBF	1200896	QC	142		-			
B122133-BLK1	B122133	QC	143		-			
B122133-BLK2	B122133	QC	144		-			
B122133-BLK3	B122133	QC	145		-			
B122133-BLK4	B122133	QC	146		-			
B122133-SRM1	B122133	QC	147		-			
B122133-SRM2	B122133	QC	148		-			
B122133-SRM3	B122133	QC	149		-			
B122133-SRM4	B122133	QC	150		-			
1245015-01	B122133	Hg(F3)-S-CVAFS	151			AEC-AS1201	11/30/2012	
1245015-02	B122133	Hg(F3)-S-CVAFS	152			AEC-AS1201	11/30/2012	
1200896-CCVD	1200896	QC	153	1245028	-			
1200896-CCBG	1200896	QC	154		-			
1245015-03	B122133	Hg(F3)-S-CVAFS	155			AEC-AS1201	11/30/2012	
B122133-DUP1	B122133	QC	156		1245015-03			

ANALYSIS SEQUENCE

1200896

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1245015-04	B122133	Hg(F3)-S-CVAFS	157			AEC-AS1201	11/30/2012	
1245015-05	B122133	Hg(F3)-S-CVAFS	158			AEC-AS1201	11/30/2012	
1246019-01	B122133	Hg(F3)-S-CVAFS	159			PSC-CL1201	12/3/2012	
1246019-02	B122133	Hg(F3)-S-CVAFS	160			PSC-CL1201	12/3/2012	
1246019-03	B122133	Hg(F3)-S-CVAFS	161			PSC-CL1201	12/3/2012	
1200896-CCVE	1200896	QC	162	1245028	-			
1200896-CCBH	1200896	QC	163		-			

SOP(s) / Rev#(s): BR0006, Rev004e

Hg Analysis Sheet : T-Hg MERX-T:_____

Sequence: 1200896 Batch(es): B122131, B122132, B122215, B122218, B122133

Analyst: BJT Date: 12/3/12 Instrument ID: THG-06

msu 12/04/12

10ng/mL std ID: 12450068 1ng/mL std ID: 1245007 ICV std ID: 1245009

$NH_2OH{\cdot}HCl$ #: 1244020 $SnCl_2$ #: 1248014

Initial offset: 10021 Initial PMT: 497

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	1	Rinse	---		
	2	Rinse	---		
	3	SEQ-IBL1	---		
	4	SEQ-IBL2	---		
	5	SEQ-IBL3	---		
	6	SEQ-IBL4	---		
	7	SEQ-CAL1	0.010		1ng/mL
	8	SEQ-CAL2	0.025		1ng/mL
	9	SEQ-CAL3	0.100		1ng/mL
	10	SEQ-CAL4	0.050		10ng/mL
	11	SEQ-CAL5	0.250		10ng/mL
	12	SEQ-CAL6	1.000		10ng/mL
	13	SEQ-ICV1	1.000		NIST 1641d
	14	SEQ-CCB	---		
	15	SEQ-CCV	0.050		10ng/mL
	16	SEQ-CCB	---		
	17	SEQ-CCB	---		
	18	SEQ-CCB	---		
	19	B122055BLK1	24.87		
	20	BLK2	25.03		
	21	BLK3	25.71		
	22	BLK4	24.27		
	23	BS1	25.28		LOD1
	24	BS2	24.24		LOQ1

Comments:

Balance ID: _____

SOP(s) / Rev#(s): same as pgl

Hg Analysis Sheet : T-Hg / Other: ____

Sequence: 1200896 Analyst: BJT Date: 12/3/12

	Run # / Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	25	B122055 BS3	25.61		LOQ 2
	26	BS4	25.49		3
	27	BS5	25.08		4
	28	CCV	0.050		10ng/mL
	29	CCB	—		
	30	B122131 BLK1	24.83		
	31	BLK2	24.33		
	32	BLK3	24.32		
	33	BLK4	25.11		
	34	SRM1	1.00		
	35	SRM2	0.025	10X	
	36	SRM3	0.020	↓	
	37	SRM4	5.00		
	38	1245015-01	0.200		
	39	-02	↓		
	40	CCV	0.050		10ng/mL
	41	CCB	—		
	42	1245015-03	0.200		
	43	B122131 DUP1	↓		
	44	1245045-04	↓		
	45	-05	24.20		
	46	1246019-01	25.74		
	47	-02	25.17		
	48	-03	24.25		

Comments: ____

SOP(s) / Rev#(s): same as pg 1

Hg Analysis Sheet : T-Hg / Other:

Sequence: 1200896 Analyst: BJT Date: 12/3/12

	Run # / Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	49	CLV	0.050		10ng/mL
	50	CVB	—		
	51	B122132 BLK1	25.91		
	52	BLK2	24.95		
	53	BLK3	24.11		
	54	BLK4	24.86		
	55	SRM1	5.00		
	56	SRM2	0.020		
	57	SRM3	↓	10X	
	58	SRM4	5.00		
	59	1245015-01	0.200		
	60	-02	5.00		
	61	CLV	0.050		10ng/mL
	62	CVB	—		
	63	1245015-03	5.00		
	64	B122132DUP1	↓		
	65	1245015-04	↓		
	66	-05	25.66		
	67	1246019-01	25.44		
	68	-02	24.93		
	69	-03	25.13		
	70	CLV	0.050		10ng/mL
	71	CVB	—		
					MSU 12/4/12

Comments:

SOP(s) / Rev#(s): same as page 1

Hg Analysis Sheet : T-Hg MERX-T: _____

MSU 12/04/12

Sequence: ~~1200895~~ Batch(es): B122215, 2133, 2218

Analyst: MLH Date: 12.3.12 Instrument ID: THg-05

10ng/mL std ID: 1245006 1ng/mL std ID: 1245007 ICV std ID: 1245009

$NH_2OH{\cdot}HCl$ #: 1244020 $SnCl_2$ #: 1248014

Initial offset: 10,175 Initial PMT: 504

MSU 12/04/12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	1	Rinse	---		
	2	Rinse	---		
	3	SEQ-IBL1	---		
	4	SEQ-IBL2	---		
	5	SEQ-IBL3	---		
	6	SEQ-IBL4	---		
	7	SEQ-CAL1	0.010		1ng/mL
	8	SEQ-CAL2	0.025		1ng/mL
	9	SEQ-CAL3	0.100		1ng/mL
	10	SEQ-CAL4	0.050		10ng/mL
	11	SEQ-CAL5	0.250		10ng/mL
	12	SEQ-CAL6	1.000		10ng/mL
	13	SEQ-ICV1	1.000		NIST 1641d
	14	SEQ-CCB	---		
	15	SEQ-CCV	0.050		10ng/mL
	16	SEQ-CCB	---		
	17	SEQ-CCB	---		
	~~18~~	~~SEQ-CCB~~	---		
72	20	B122215-BLK1	25.19	24.95	
73	21	-BLK2	24.64		
74	22	-BLK3	24.88		
75	23	-BLK4	25.06		
76	24	1248002-03	24.85		
77	25	-04	24.92		

MSU 12/04/12

Comments: calibration did not pass, all samples were moved to 1200896 run instrument.

Balance ID: BL-01

SOP(s) / Rev#(s): same as page 1

Hg Analysis Sheet : T-Hg / Other: ____

MSU 12/04/12

Sequence: 1200895 Analyst: MCH Date: 12.3.12

	Run # / Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
78	26	1248002-07	24.58		
79	27	-08	25.47		
80	28	-11	24.61		
81	29	-12	25.13		
82	30	SEQ-CCV	0.050		10ng/mL
83	31	SEQ-CCB	—		
84	32	1248003-05	24.86		
85	33	-06	24.12		
86	34	-07	25.00		
87	35	-08	24.99		
88	36	1248015-03	25.12		
89	37	-04	24.10		
90	38	1247008-03	24.44		
91	39	1247013-01	25.87		
92	40	1248016-01	25.23		
93	41	B1200895-MS1	24.54		NATIVE: 1248016-01 + 400 (40mL of 10ng/mL)
94	42	SEQ-CCV	0.050		10ng/mL
95	43	SEQ-CCB	—		
96	44	B1200895-MSD1	24.12		NATIVE: 1248016-01 + 400 (40mL of 10ng/mL)
97	45	1248002-06	24.44		
98	46	-09	~~25.47~~ MH 11.8mL	25.34	
99	47	-10	24.54		
100	48	1248003-03	25.77		
101	49	-04	24.94		

MSU 12/04/12

Comments: ____

SOP(s) / Rev#(s): same as page 1

Hg Analysis Sheet : T-Hg / Other: ____

MSU 12/04/12

Sequence: 1200895 Analyst: Mert Date: 12.3.12

	Run # / Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
102	50	1248002-09	25.41		> 2x over calibration
103	51	1248003-10	25.09		
104	52	1248001-01	25.49		
105	53	" -02	25.66		
106	54	SEQ-CCV	0.050		10ng/mL
107	55	SEQ-CCB	—		
108	56	1248015-01	25.34		
109	57	" -02	24.04		
110	58	1247008-01	25.16		
111	59	" -02	25.69		
112	60	1248009-01	24.04		
113	61	B122215-MS2	25.59		NATIVE: 1248009-01 +250 (250mL of 1ng/mL)
114	62	" -MSD2	24.59		"
115	63	1248009-02	25.78		
116	64	" -03	25.59		
117	65	" -04	24.21		
118	66	SEQ-CCV	0.050		10ng/mL
119	67	SEQ-CCB	—		
120	68	1247011-02	24.39		
121	69	1248002-01	1.00		
122	70	B122215-MS3	"		NATIVE: 1248002-01 +500 (50mL of 10ng/mL)
123	71	" -MSD3	"		"
124	72	1248002-02	5.00		
125	73	1248003-01	"		

MSU 12/04/12

Comments: ____

SOP(s) / Rev#(s): same as page 1

Hg Analysis Sheet : T-Hg / Other: ____

MSU 12/04/12

Sequence: 1200995 Analyst: MCH Date: 12.3.12

	Run # / Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
126	74	1248003-02	5.00		
127	75	1248002-05	10.00		
128	76	SEQ-CCV	0.050		10ng/mL
129	77	SEQ-CCB	—		
130	78	1248006-01RE1	0.020	100x	
131	79	" -03RE1	"	"	
132	80	B122218-DUP2			RERUN of QC #1
133	81	" -MS2			"
134	82	" -MSD2	"	"	"
136	84	SEQ-CCV	0.050		10ng/mL
137	85	SEQ-CCB	—		
135	83	B122218-BS1	0.020	100x	NATIVE: 1248006-03RE1 + 550 (55% of 10ng/mL
138	86	B122133-BLK1	10.00		
139	87	" -BLK2	"		
140	88	" -BLK3	"		
141	89	" -BLK4	"		
142	90	" -SRM1	0.500		
143	91	" -SRM2	0.025	10x	
144	92	" -SRM3	0.020		
145	93	" -SRM4	0.025	10x	
146	94	1245015-01	0.020	100x	
147	95	" -02	"	"	
148	96	SEQ-CCV	0.050		10ng/mL
149	97	SEQ-CCB	—		

MSU 12/04/12

Comments: ____

SOP(s) / Rev#(s): Same as page 1

Hg Analysis Sheet : T-Hg / Other:

MSU 12/05/12

Sequence: 1200895 Analyst: MH Date: 12.4.12

	Run # / Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
150	~~98~~ 99 MSU 12/04/12	124515-03	0.020	100x	
151	99	B122133-DUP1	"	"	
152	100	124515-04	"		
153	101	" -05 MH 12.3.12	"		
154	102	124601 9-01	0.100		
155	103	" -02	"		
156	104	" -03	"		
157	105	SEQ-CCV	0.050		10ng/mL
158	~~106~~	SEQ-CCB	—		
1	~~18~~	SEQ-CCV	0.050		10ng/mL MSU 12/04/12
2	~~19~~	SEQ-CCB	—		
		BLK1	24.95		

MSU 12/05/12

Comments:

Brooks Rand Labs

THg Water Prep Benchsheet

SOP / Rev #: BR-0006 Rev 004e

BRL Report 1247011

Prepped By: IRJ Batch: B122215

Prep Start Date/Time*: 11-30-12/1300 BrCl ID: 1245001

Prep End Date/Time**: 11-30-12/1715

1st - 24 hr Check Date/Time: 12.3.12 9:10

2nd - 24 hr Check Date/Time: —

* Time when the first reagents are added.

** Time when the last sample is brought up to volume.

	Sample ID	Sample Aliquot (mL)	BrCl added (mL)	%BrCl	24 hr Check (initials)	only fill out if additional BrCl is added: Additional BrCl Added (mL)	2nd - 24 hr Check (initials)	Adjusted %BrCl
	1247008-01	250	5	2	MLH			
	1247008-02	↓	↓	↓				
①	1247008-03	125	1.25	1				
	1247011-02	250	5	2				
	1247013-01		2.5	1				
	1248001-01							
	1248001-02							
	1248002-01							
	1248002-02							
	1248002-03							
	1248002-04		↓	↓				
	1248002-05		5	2				
	1248002-06		↓	↓				
	1248002-07		2.5	1				
	1248002-08		↓	↓				
	1248002-09		5	2				
	1248002-10		↓	↓				
	1248002-11		2.5	1				
	1248002-12		↓	↓				
	1248003-01		5	2				
	1248003-02							
	1248003-03							
	1248003-04		↓	↓				
	1248003-05		2.5	1				
	1248003-06		IRJ 11-30-12 ↓	↓				
	1248003-07			1				
	1248003-08		↓	↓				
②	1248003-09		12.5	5				
	1248003-10		↓	↓				
	1248009-01		5	2				
	1248009-02		↓	1				
	1248009-03		12.5	5				
	1248009-04		2.5					
	1248015-01							
	1248015-02							
	1248015-03							
	1248015-04		↓	↓				
	1248016-01		5	2				
	B122215-BLK1		2.5	1				
	B122215-BLK2							
	B122215-BLK3							
	B122215-BLK4	↓	↓	↓	↓			

IRJ 11.30.12

Oven ID: OV-06

Date/Time in: 11-30-12/1715

Date/Time out: Tmed: 4 hrs

Thermometer ID: BL-12

Oven Temp (measured / corrected): 65 / 65

Oven Temp (measured / corrected): /

NOTES: ① found in Walk-In Fridge w/ Melty w sampler. Label says "Hg TR"; limited volume

② Sediment turns sample brown when shaken. Tested for excess BrCl w/ KI paper prior to evening

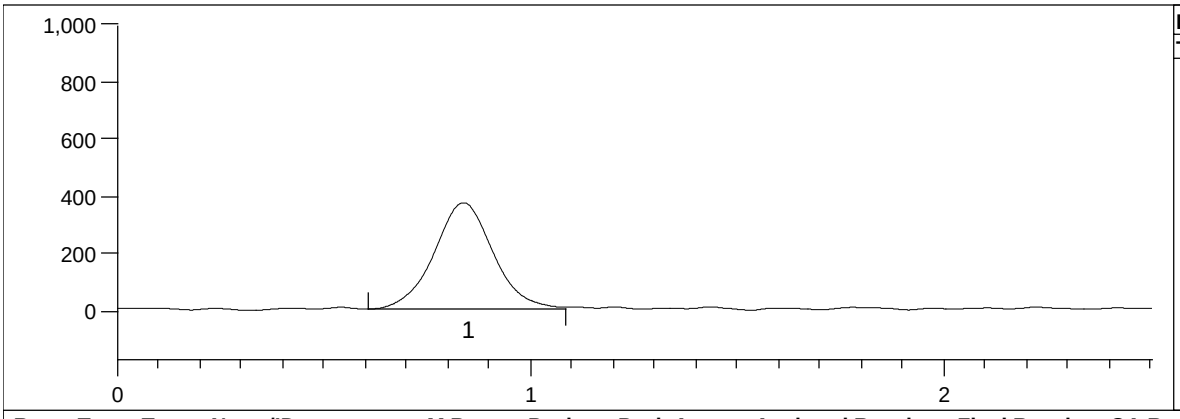
Rev. 05/07/12

Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

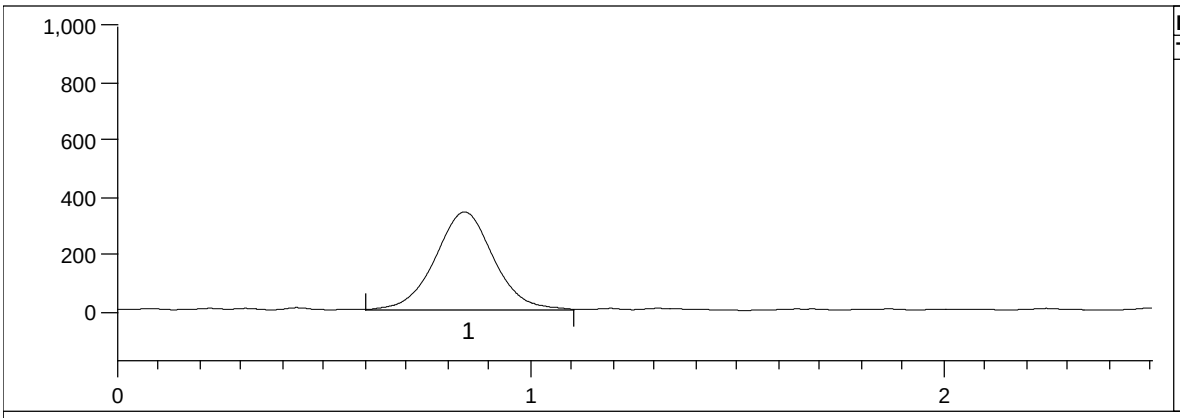


Date: 12/3/12
Time: 1:18 PM

Peak	rt	Area
1	0.83	36,361

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
1	X	S	RINSE		1	36,361	0.146	0.00		< HS	accept

Notes

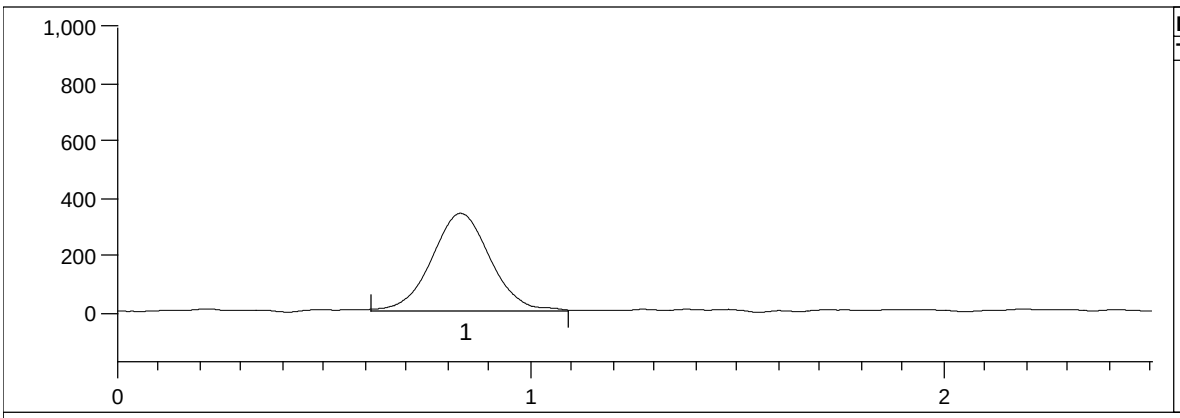


Date: 12/3/12
Time: 1:25 PM

Peak	rt	Area
1	0.84	33,248

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
2	Y	S	RINSE		1	33,248	-0.151	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 1:32 PM

Peak	rt	Area
1	0.82	32,401

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
3	X	IBL	SEQ-IBL1		1	32,401	3.09		3.09	< 10	accept

Notes

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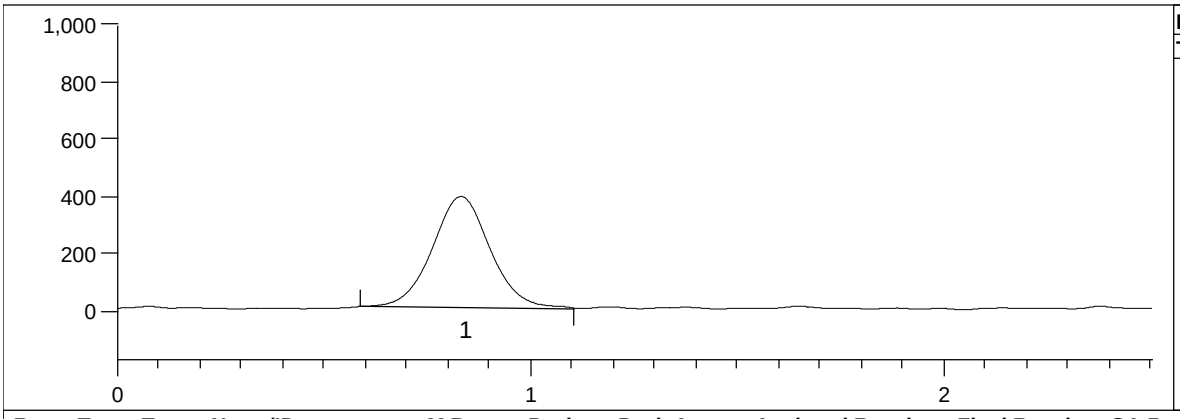
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

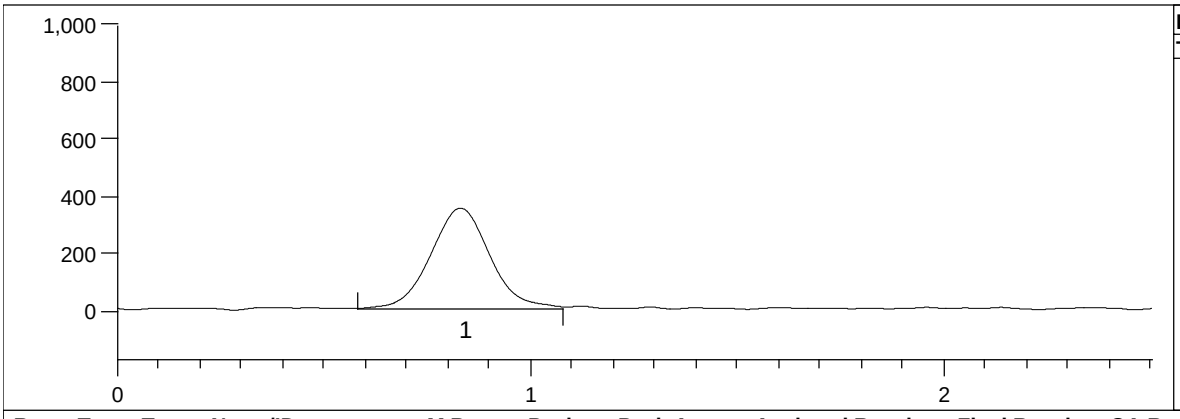


Date: 12/3/12
Time: 1:39 PM

Peak	rt	Area
1	0.83	37,419

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
4	Y	IBL	SEQ-IBL2		1	37,419	3.57		3.57	< 10	accept

Notes

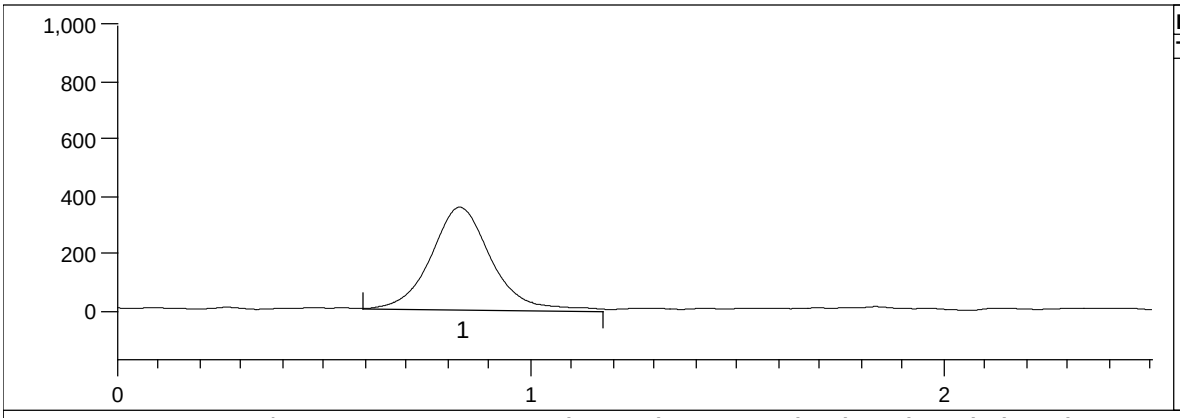


Date: 12/3/12
Time: 1:46 PM

Peak	rt	Area
1	0.82	34,296

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
5	X	IBL	SEQ-IBL3		1	34,296	3.27		3.27	< 10	accept

Notes



Date: 12/3/12
Time: 1:53 PM

Peak	rt	Area
1	0.82	35,211

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
6	Y	IBL	SEQ-IBL4		1	35,211	3.35		3.35	< 10	accept

Notes

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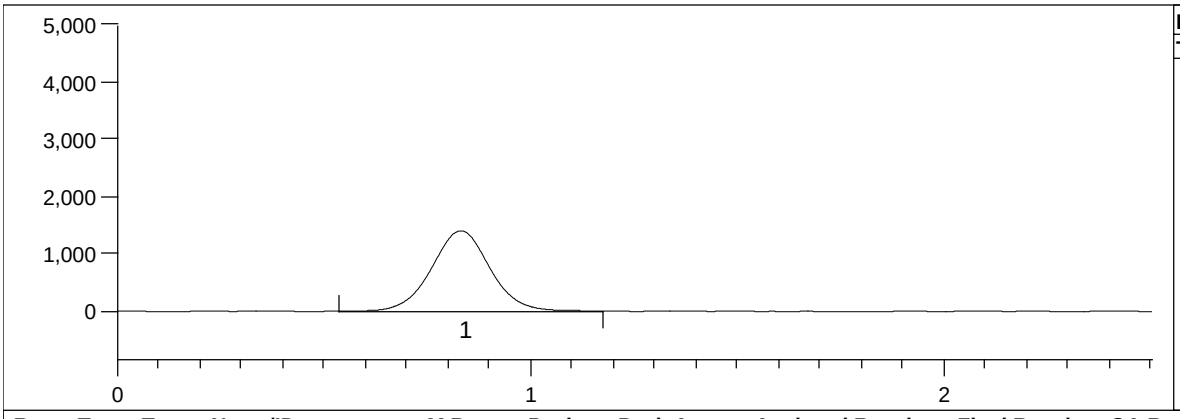
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

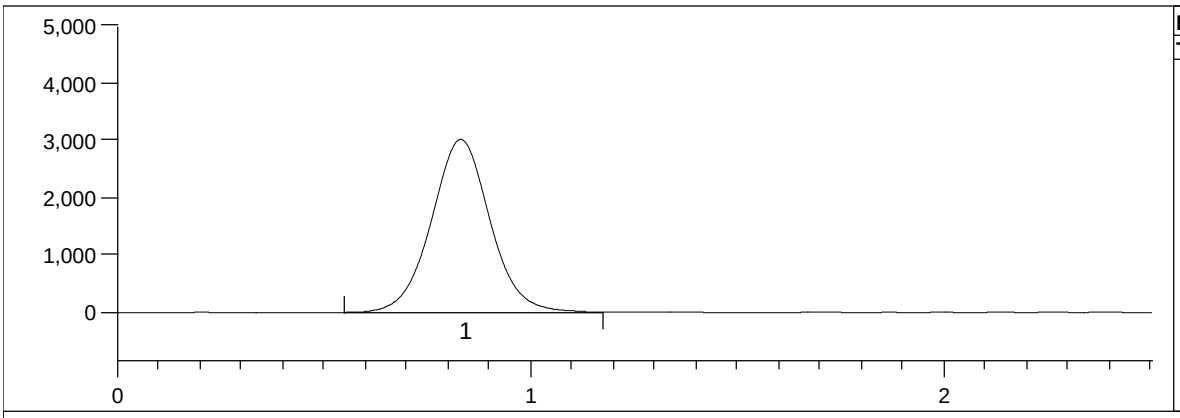


Date: 12/3/12
Time: 2:00 PM

Peak	rt	Area
1	0.83	139,197

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
7	X	STD	SEQ-CAL1		1	139,197	9.94		99.4	75-125	accept

Notes

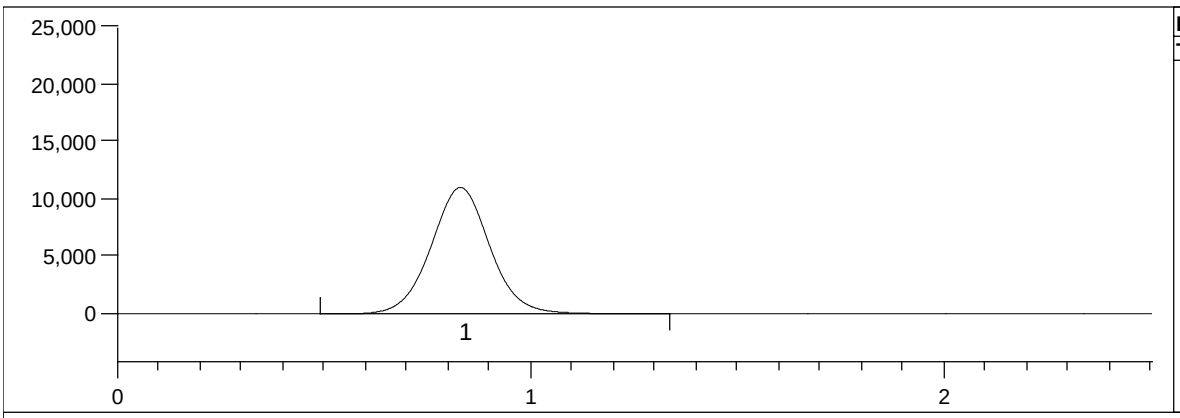


Date: 12/3/12
Time: 2:07 PM

Peak	rt	Area
1	0.83	298,938

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
8	Y	STD	SEQ-CAL2		1	298,938	25.2		101	75-125	accept

Notes



Date: 12/3/12
Time: 2:14 PM

Peak	rt	Area
1	0.82	1,100,624

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
9	X	STD	SEQ-CAL3		1	1,100,624	102		102	75-125	accept

Notes

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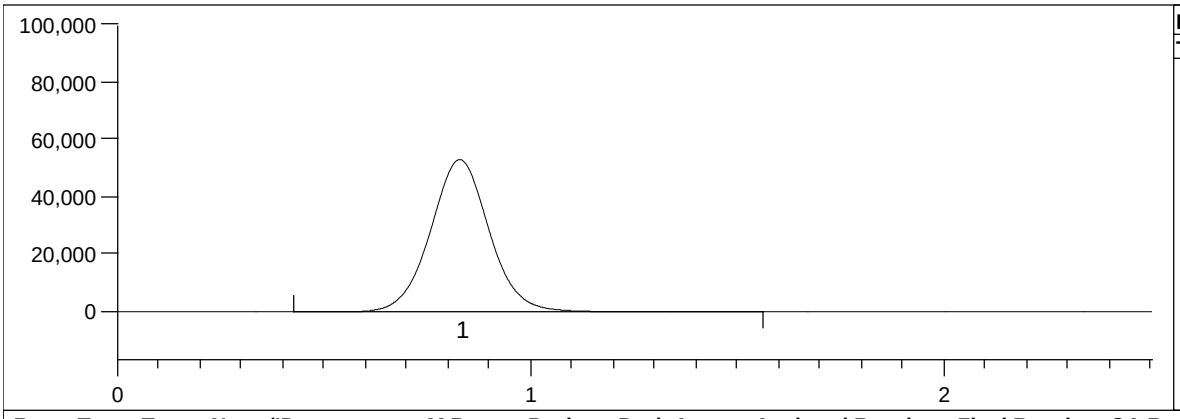
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

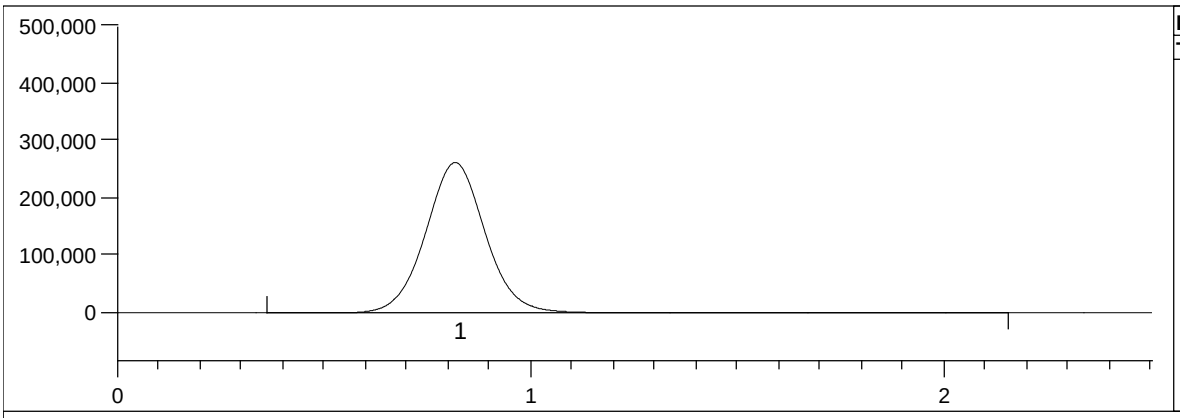


Date: 12/3/12
Time: 2:21 PM

Peak	rt	Area
1	0.82	5,300,380

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
10	Y	STD	SEQ-CAL4		1	5,300,380	502		100.	75-125	accept

Notes

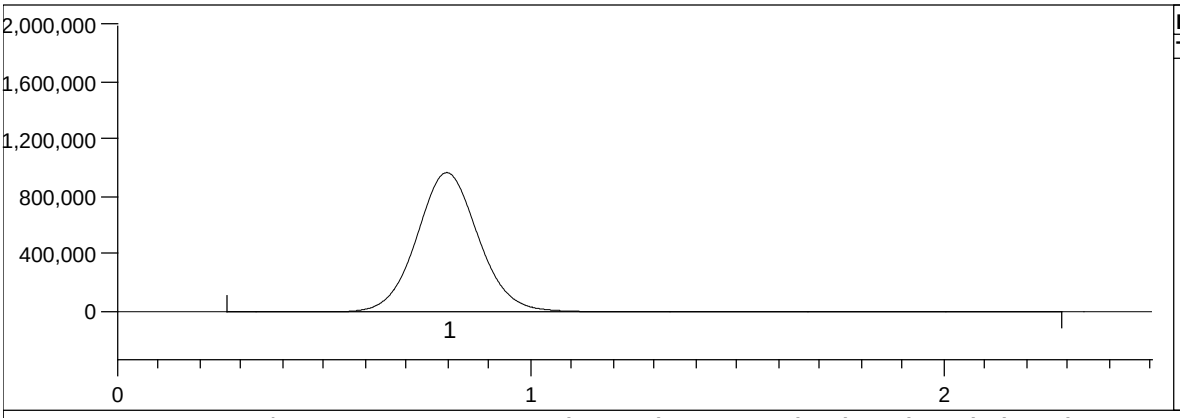


Date: 12/3/12
Time: 2:28 PM

Peak	rt	Area
1	0.81	26,538,160

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
11	X	STD	SEQ-CAL5		1	26,538,160	2,530		101	75-125	accept

Notes



Date: 12/3/12
Time: 2:35 PM

Peak	rt	Area
1	0.79	101,970,991

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
12	Y	STD	SEQ-CAL6		1	101,970,991	9,710		97.1	75-125	accept

Notes

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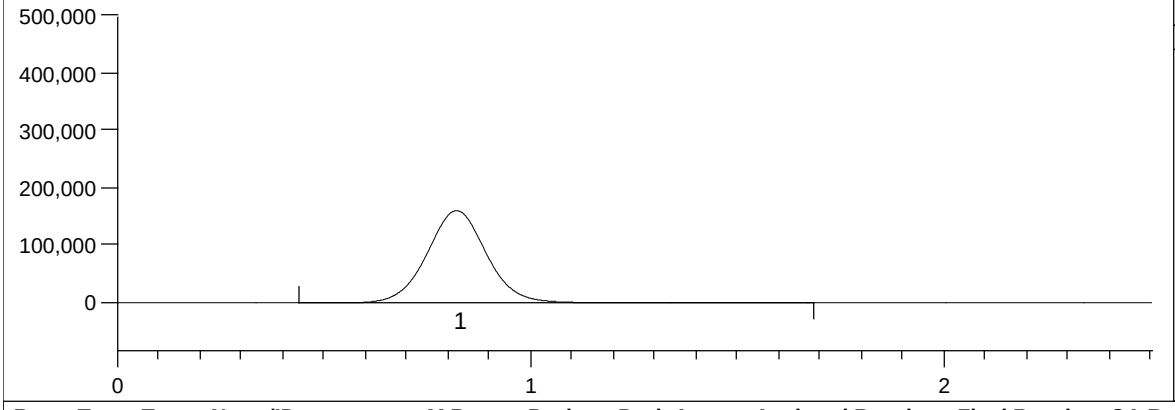
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

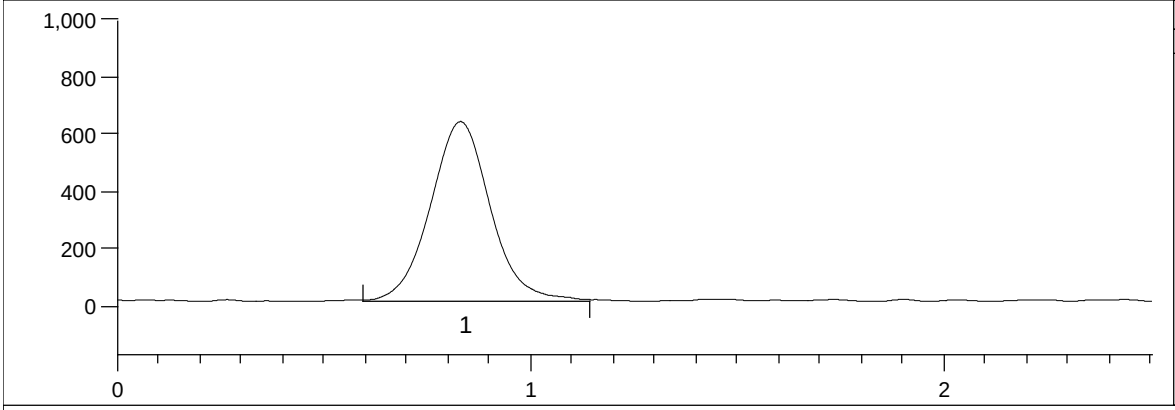


Date: 12/3/12
Time: 2:42 PM

Peak	rt	Area
1	0.82	16,253,139

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
13	X	ICV	SEQ-ICV1		1	16,253,139	1,550		98.6	85-115	accept

Notes

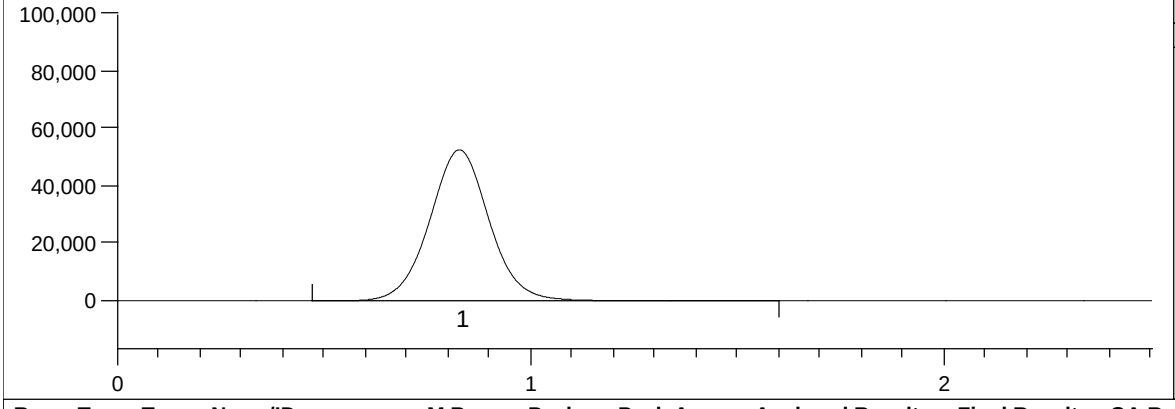


Date: 12/3/12
Time: 2:49 PM

Peak	rt	Area
1	0.82	62,423

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
14	Y	CCB	SEQ-CCB		1	62,423	5.95		5.95	< 10	accept

Notes



Date: 12/3/12
Time: 2:56 PM

Peak	rt	Area
1	0.82	5,323,982

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
15	X	CCV	SEQ-CCV		1	5,323,982	504		101	77-123	accept

Notes

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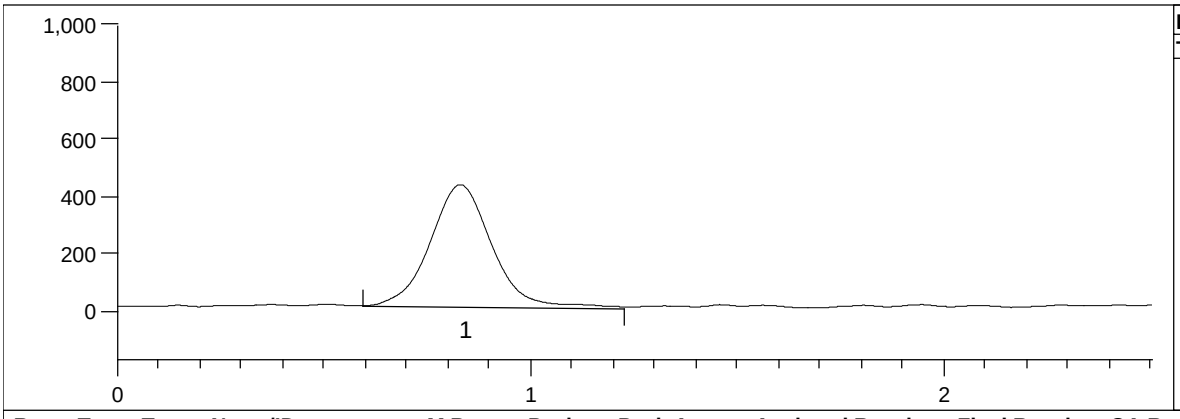
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

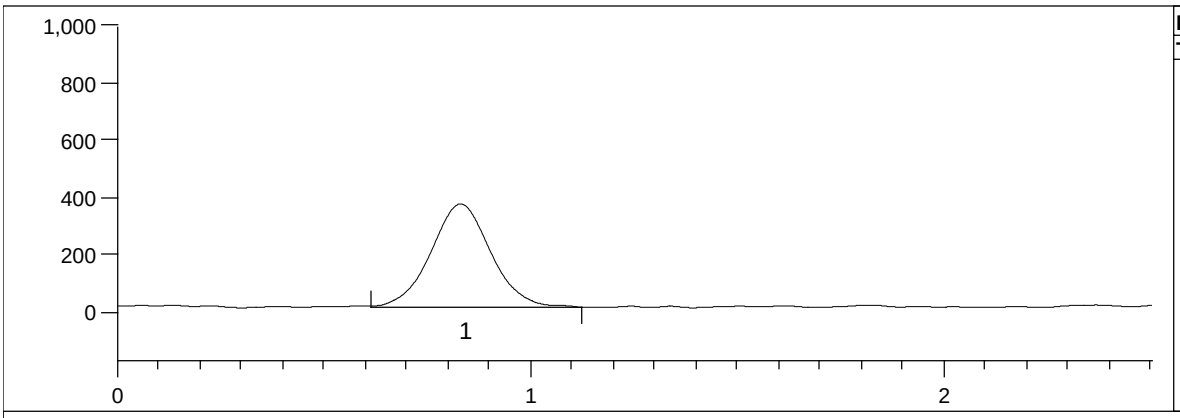


Date: 12/3/12
Time: 3:03 PM

Peak	rt	Area
1	0.82	43,255

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
16	Y	CCB	SEQ-CCB		1	43,255	4.12		4.12	< 10	accept

Notes

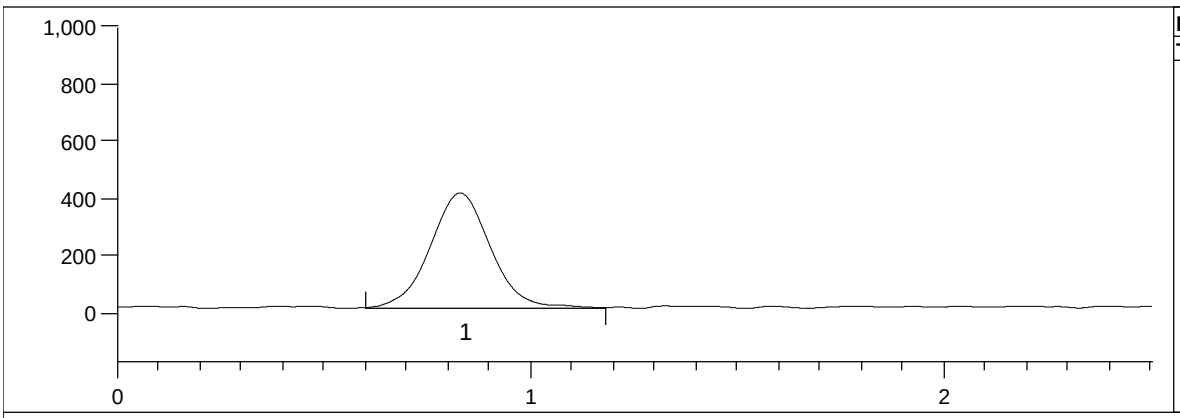


Date: 12/3/12
Time: 3:10 PM

Peak	rt	Area
1	0.82	35,823

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
17	X	CCB	SEQ-CCB		1	35,823	3.41		3.41	< 10	accept

Notes



Date: 12/3/12
Time: 3:17 PM

Peak	rt	Area
1	0.82	40,141

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
18	Y	CCB	SEQ-CCB		1	40,141	3.82		3.82	< 10	accept

Notes

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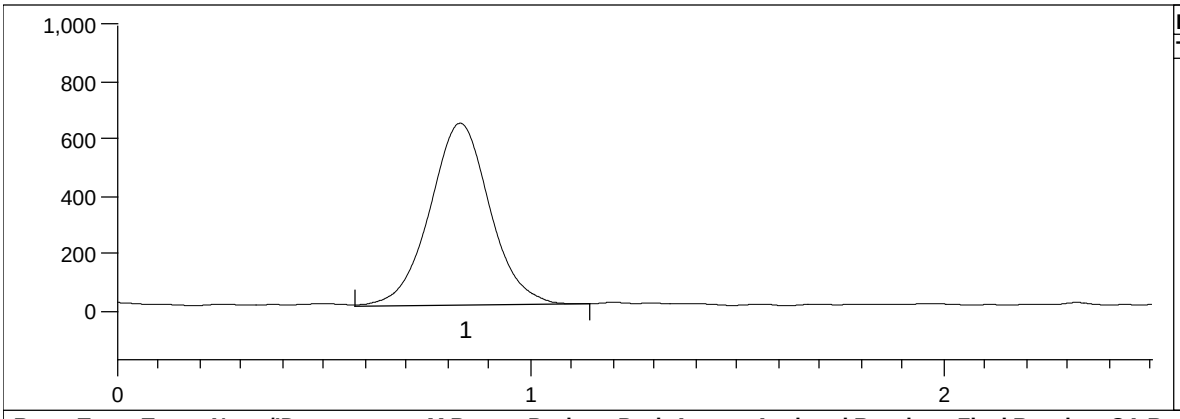
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

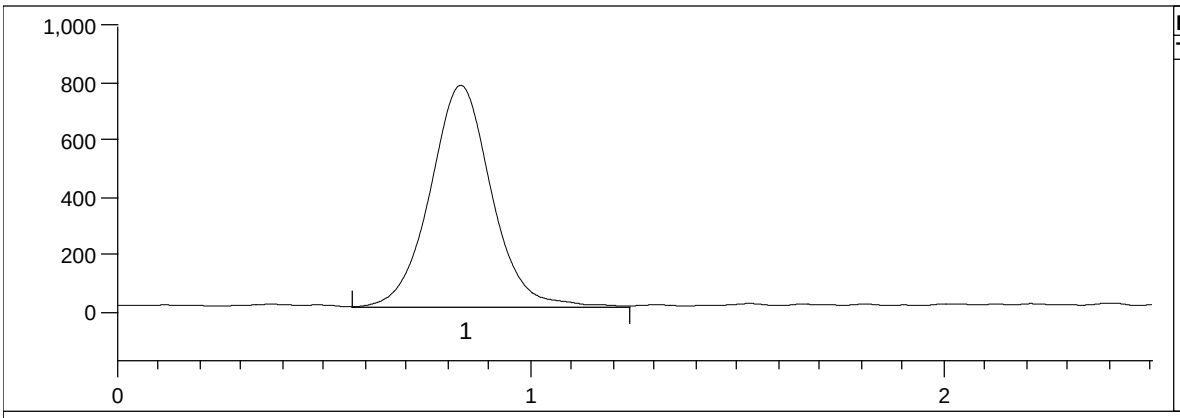


Date: 12/3/12
Time: 3:24 PM

Peak	rt	Area
1	0.82	63,729

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
19	X	S	B122055-BLK1		1	63,729	2.75	0.00		< HS	accept

Notes

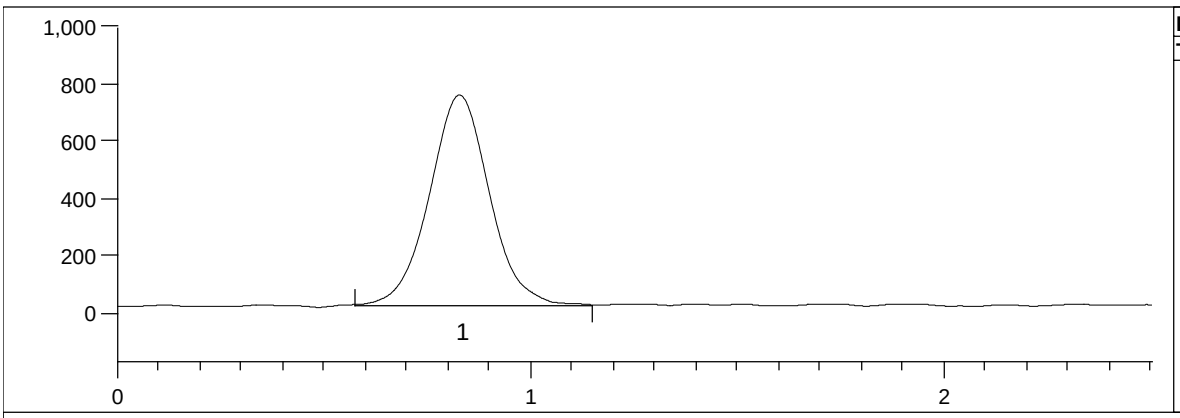


Date: 12/3/12
Time: 3:31 PM

Peak	rt	Area
1	0.82	79,375

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
20	Y	S	B122055-BLK2		1	79,375	4.24	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 3:38 PM

Peak	rt	Area
1	0.82	73,514

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
21	X	S	B122055-BLK3		1	73,514	3.69	0.00		< HS	accept

Notes

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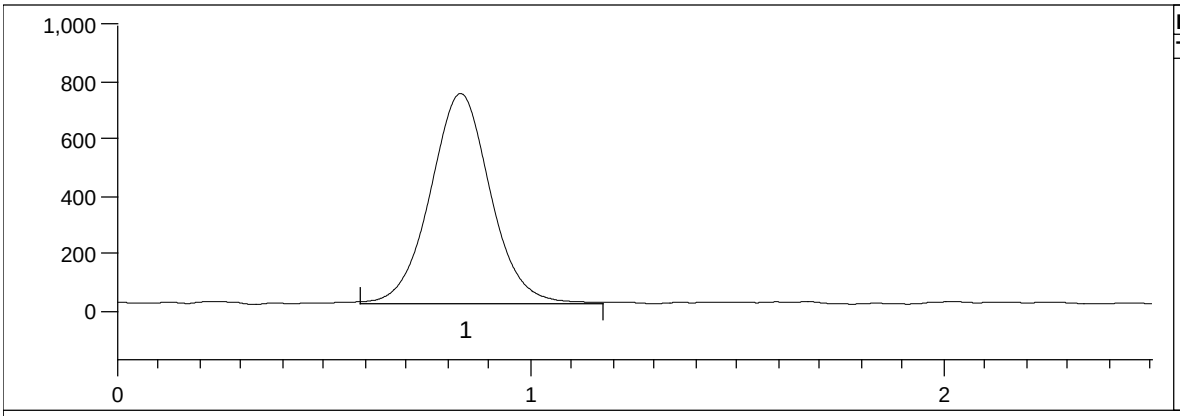
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

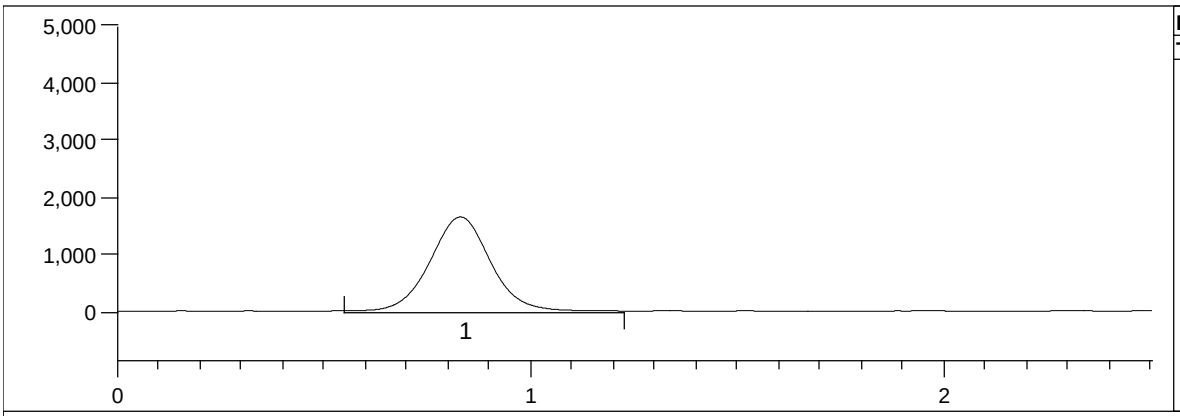


Date: 12/3/12
Time: 3:45 PM

Peak	rt	Area
1	0.82	72,571

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
22	Y	S	B122055-BLK4		1	72,571	3.60	0.00		< HS	accept

Notes

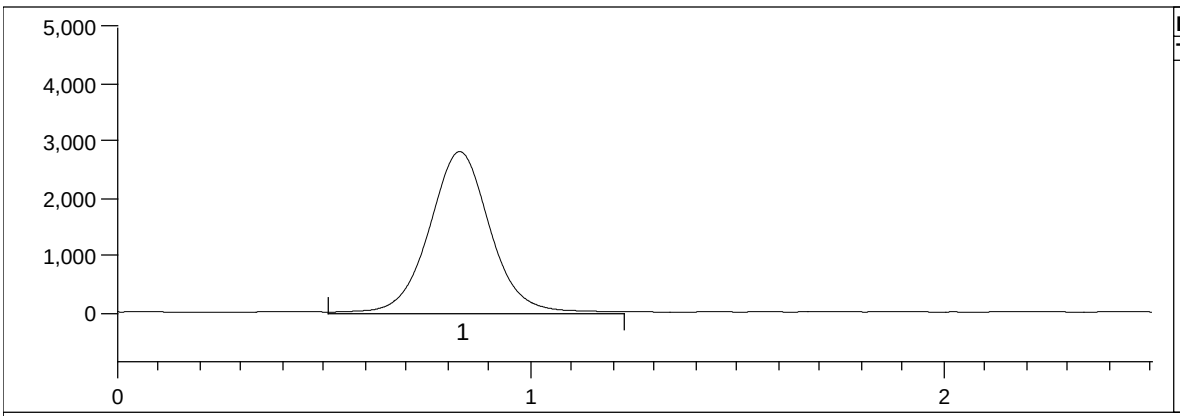


Date: 12/3/12
Time: 3:52 PM

Peak	rt	Area
1	0.82	166,411

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
23	X	S	B122055-BS1		1	166,411	12.5	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 3:59 PM

Peak	rt	Area
1	0.82	282,985

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
24	Y	S	B122055-BS2		1	282,985	23.6	0.00		< HS	accept

Notes

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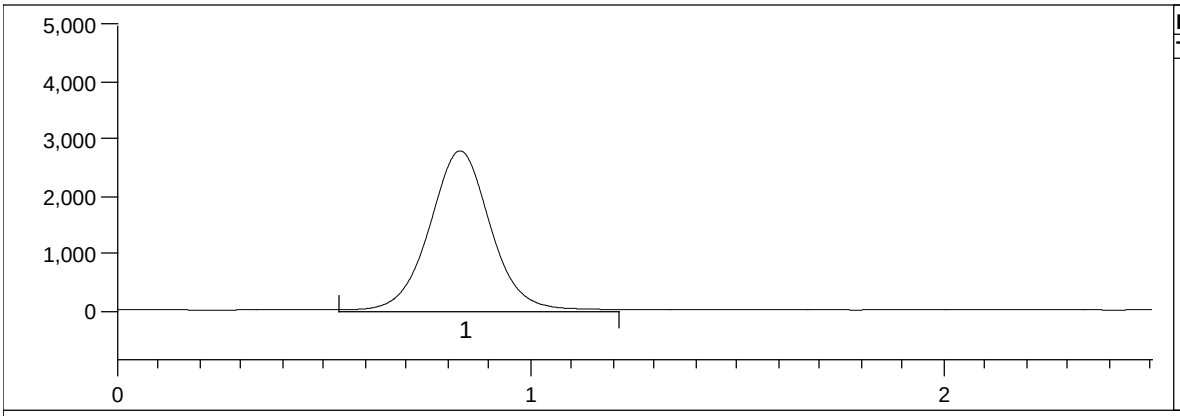
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

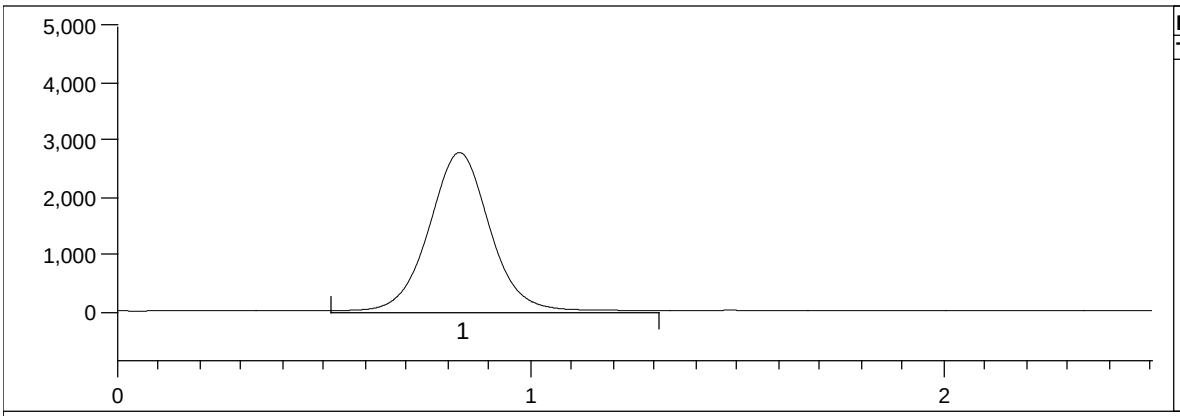


Date: 12/3/12
Time: 4:06 PM

Peak	rt	Area
1	0.82	281,900

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
25	X	S	B122055-BS3		1	281,900	23.5	0.00		< HS	accept

Notes

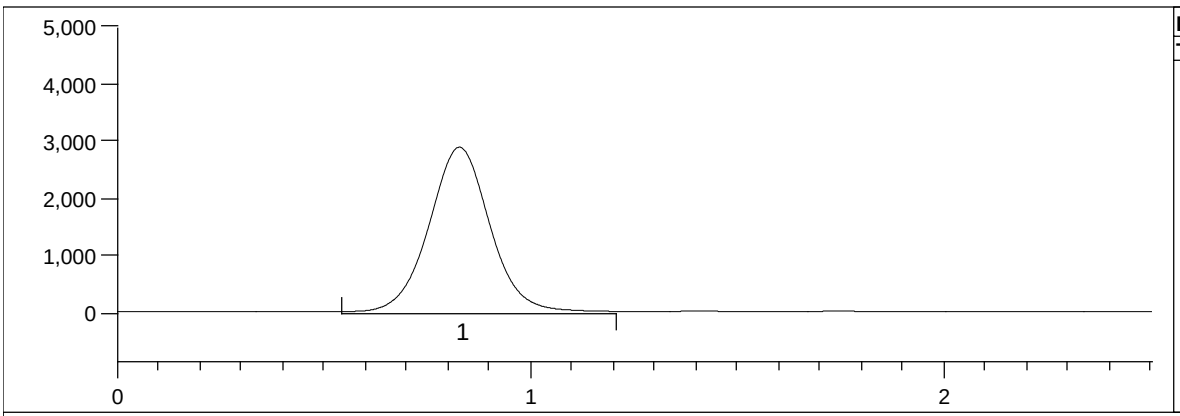


Date: 12/3/12
Time: 4:13 PM

Peak	rt	Area
1	0.82	281,648

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
26	Y	S	B122055-BS4		1	281,648	23.5	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 4:20 PM

Peak	rt	Area
1	0.82	292,400

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
27	X	S	B122055-BS5		1	292,400	24.5	0.00		< HS	accept

Notes

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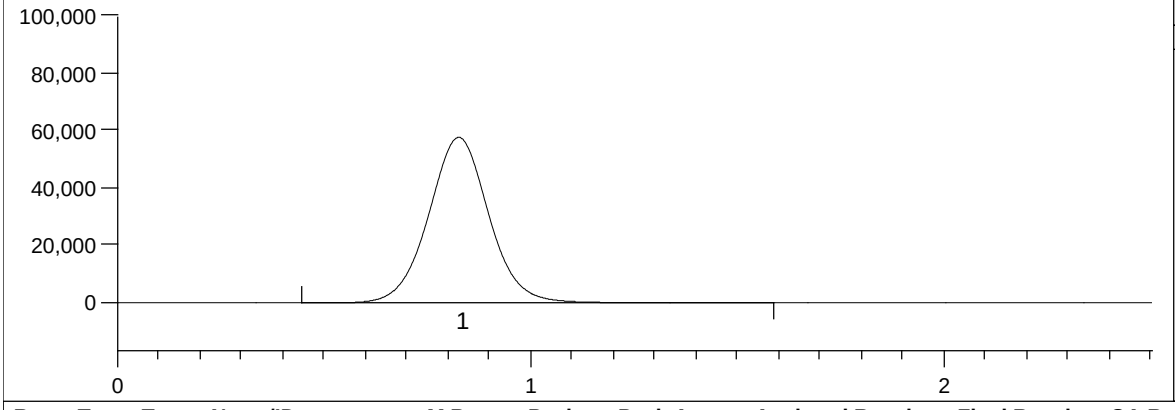
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

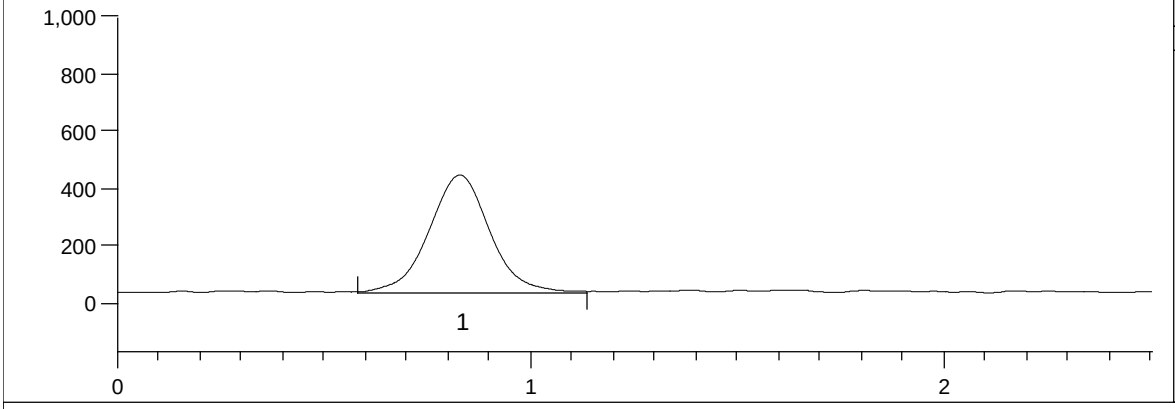


Date: 12/3/12
Time: 4:27 PM

Peak	rt	Area
1	0.82	5,888,706

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
28	Y	CCV	SEQ-CCV		1	5,888,706	558		112	77-123	accept

Notes

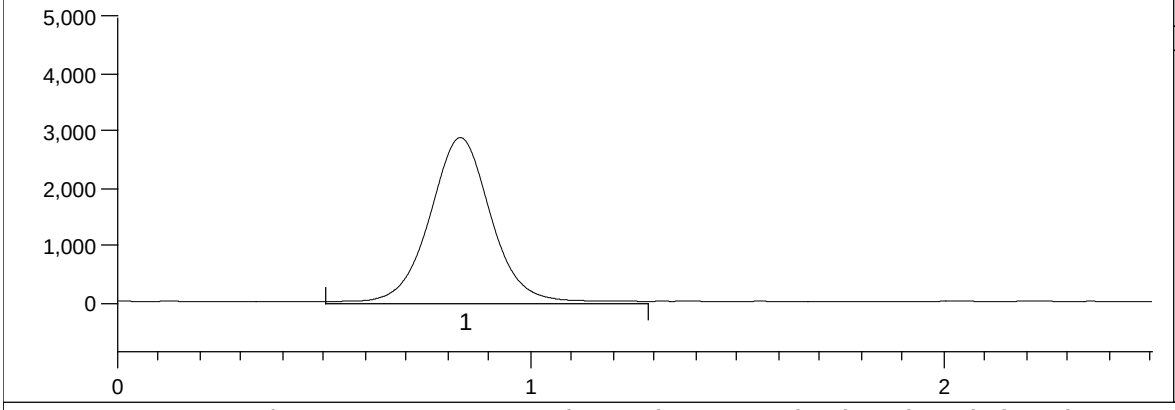


Date: 12/3/12
Time: 4:34 PM

Peak	rt	Area
1	0.82	41,143

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
29	X	CCB	SEQ-CCB		1	41,143	3.92		3.92	< 10	accept

Notes



Date: 12/3/12
Time: 4:41 PM

Peak	rt	Area
1	0.82	290,967

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
30	Y	S	B122131-BLK1		1	290,967	24.4	0.00		< HS	accept

Notes

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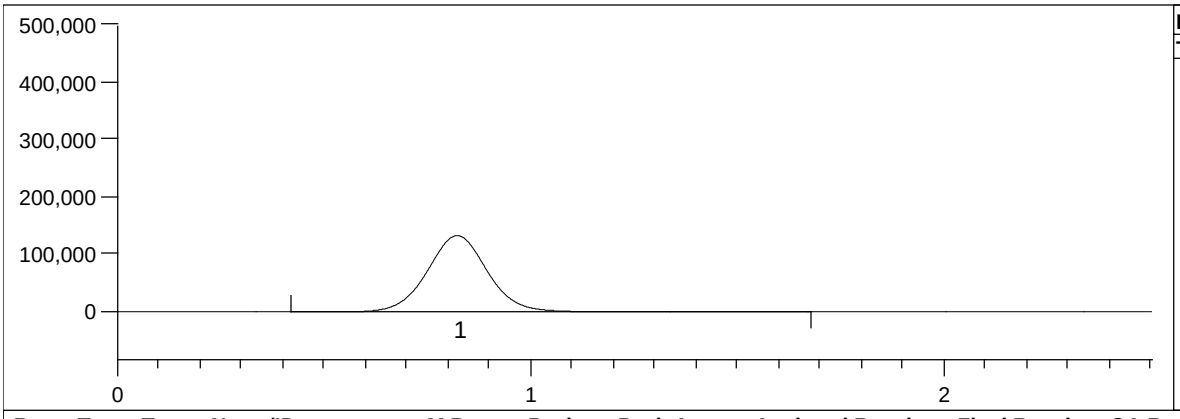
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

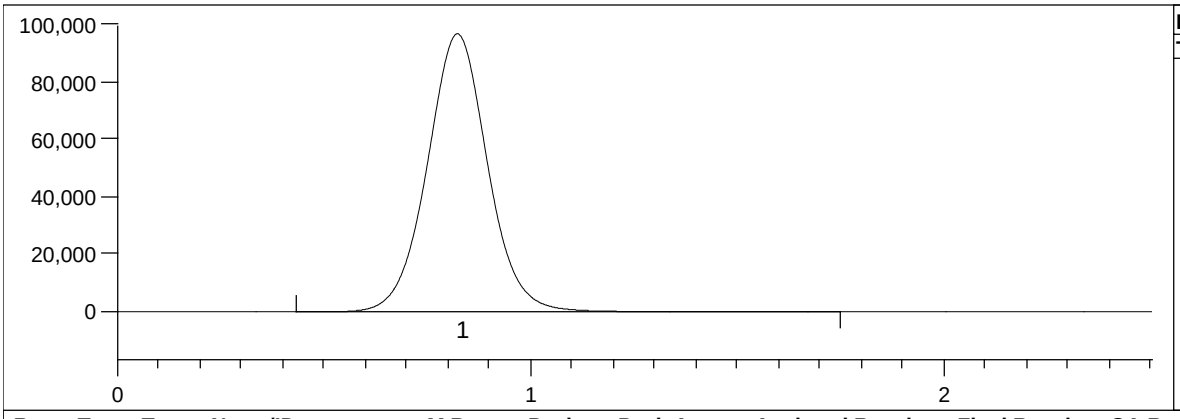


Date: 12/3/12
Time: 4:48 PM

Peak	rt	Area
1	0.82	13,589,415

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
31	X	S	B122131-BLK2		1	13,589,415	1,290	0.00		< HS	accept

Notes

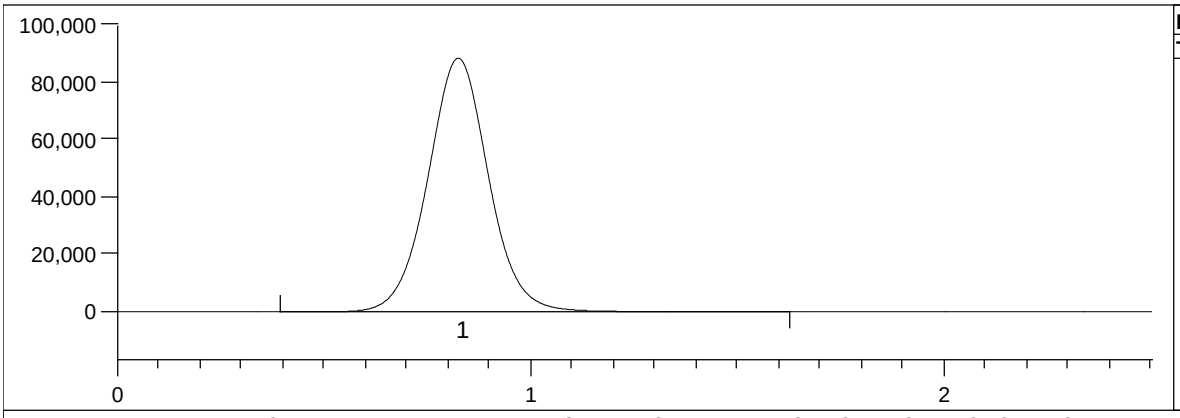


Date: 12/3/12
Time: 4:55 PM

Peak	rt	Area
1	0.82	9,897,018

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
32	Y	S	B122131-BLK3		1	9,897,018	940.	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 5:02 PM

Peak	rt	Area
1	0.82	9,088,102

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
33	X	S	B122131-BLK4		1	9,088,102	863	0.00		< HS	accept

Notes

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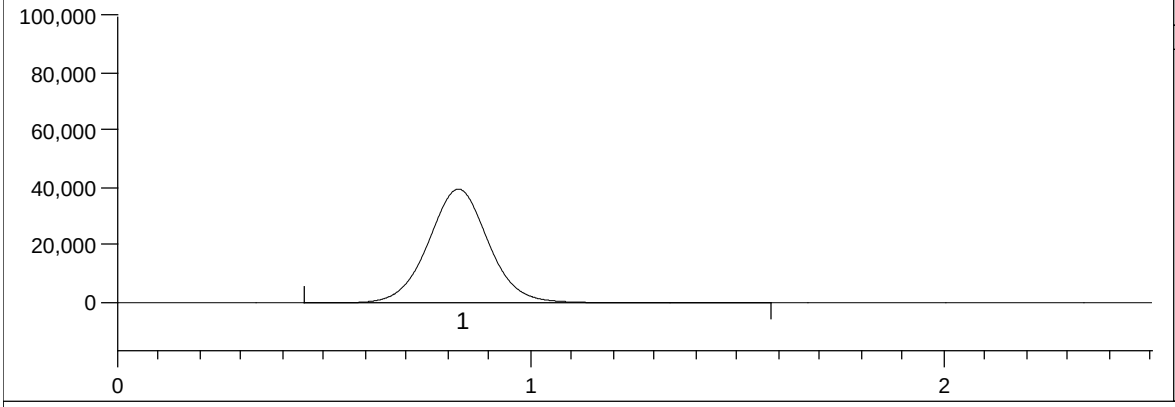
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

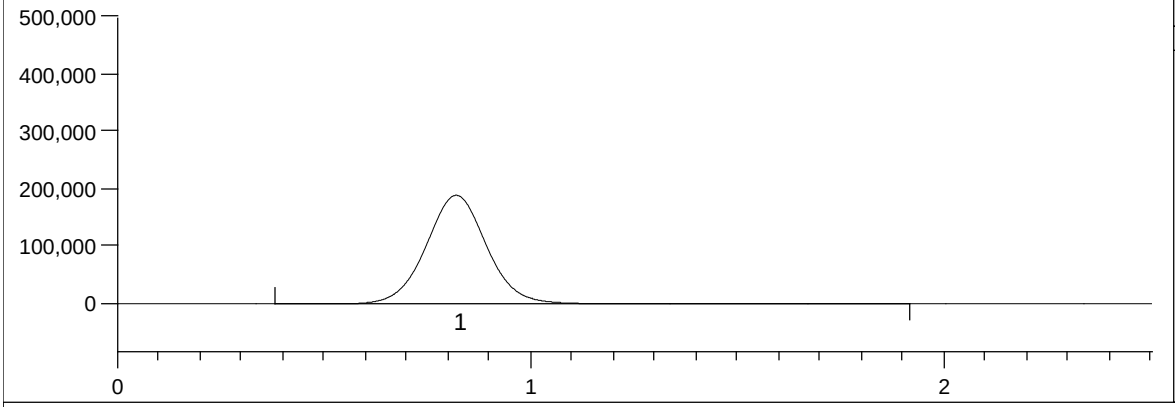
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/3/12
Time: 5:09 PM

Peak	rt	Area
1	0.82	4,043,725

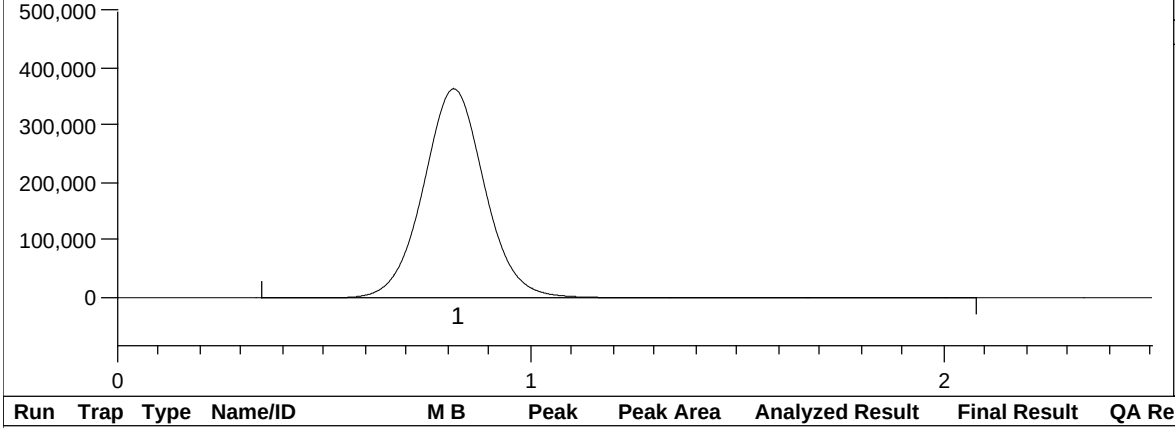
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
34	Y	S	B122131-SRM1		1	4,043,725	382	0.00		< HS	accept
Notes											



Date: 12/3/12
Time: 5:16 PM

Peak	rt	Area
1	0.82	19,498,731

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
35	X	S	B122131-SRM2		1	19,498,731	1,850	0.00		< HS	accept
Notes											



Date: 12/3/12
Time: 5:23 PM

Peak	rt	Area
1	0.81	37,911,778

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
36	Y	S	B122131-SRM3		1	37,911,778	3,610	0.00		< HS	accept
Notes											

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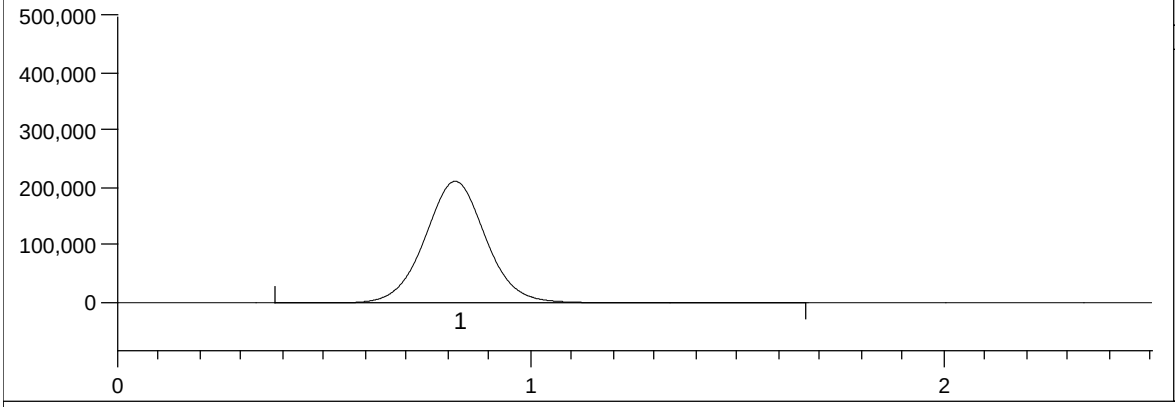
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

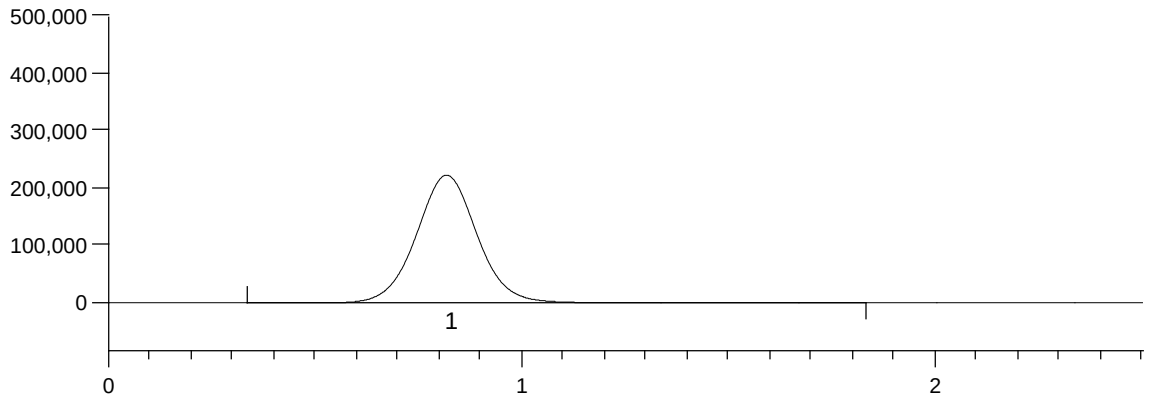


Date: 12/3/12
Time: 5:30 PM

Peak	rt	Area
1	0.81	21,934,929

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
37	X	S	B122131-SRM4		1	21,934,929	2,090	0.00		< HS	accept

Notes

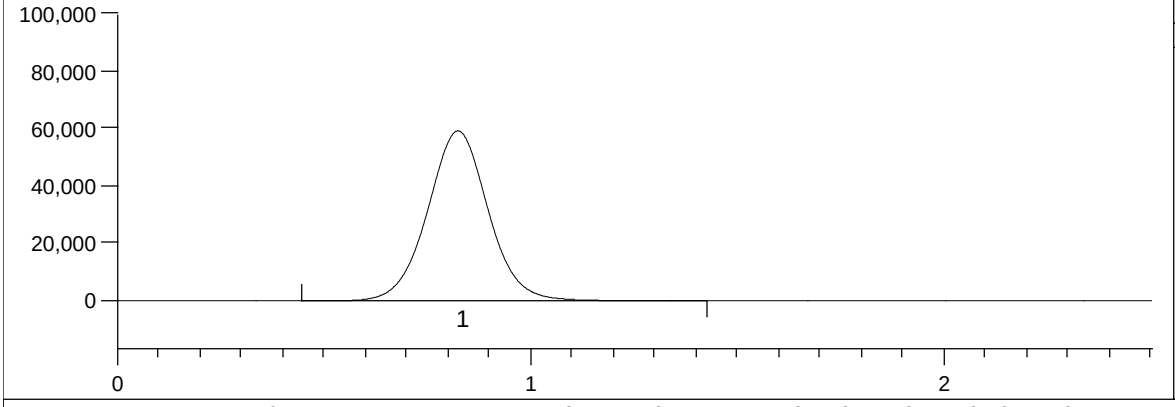


Date: 12/3/12
Time: 5:37 PM

Peak	rt	Area
1	0.81	22,986,796

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
38	Y	S	1245015-01		1	22,986,796	2,190	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 5:44 PM

Peak	rt	Area
1	0.82	6,081,485

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
39	X	S	1245015-02		1	6,081,485	576	0.00		< HS	accept

Notes

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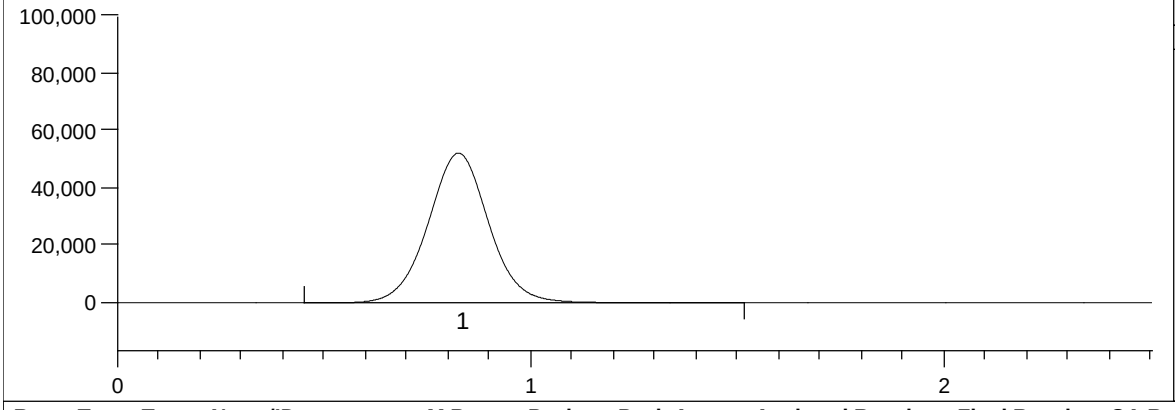
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

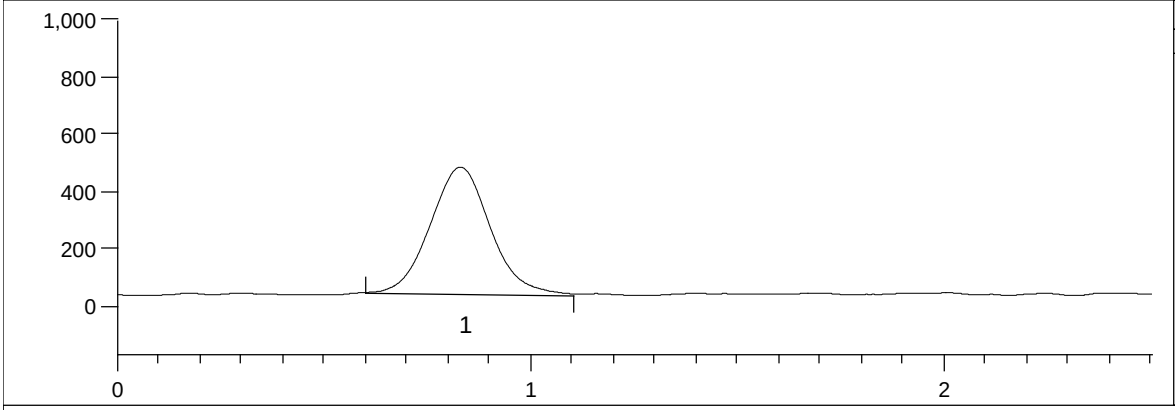


Date: 12/3/12
Time: 5:51 PM

Peak	rt	Area
1	0.82	5,363,727

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
40	Y	CCV	SEQ-CCV		1	5,363,727	508		102	77-123	accept

Notes

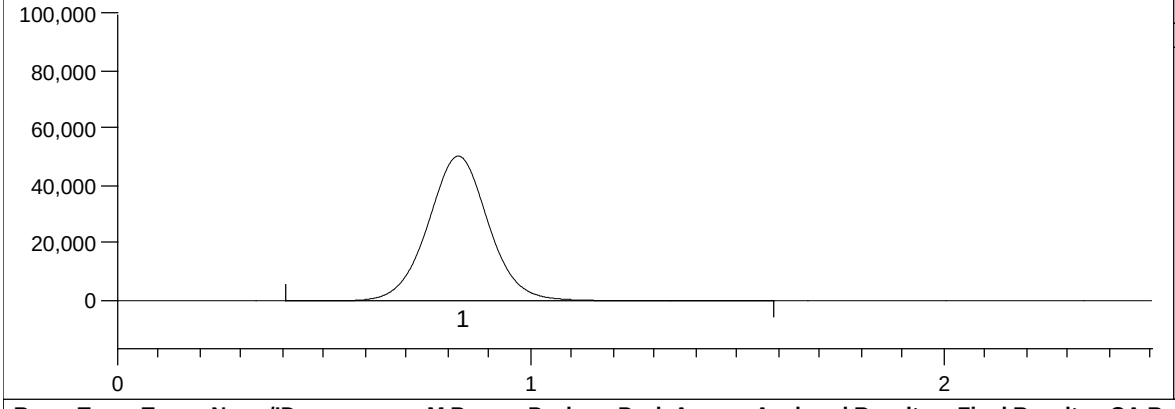


Date: 12/3/12
Time: 5:58 PM

Peak	rt	Area
1	0.82	43,757

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
41	X	CCB	SEQ-CCB		1	43,757	4.17		4.17	< 10	accept

Notes



Date: 12/3/12
Time: 6:05 PM

Peak	rt	Area
1	0.82	5,178,047

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
42	Y	S	1245015-03		1	5,178,047	490.	0.00		< HS	accept

Notes

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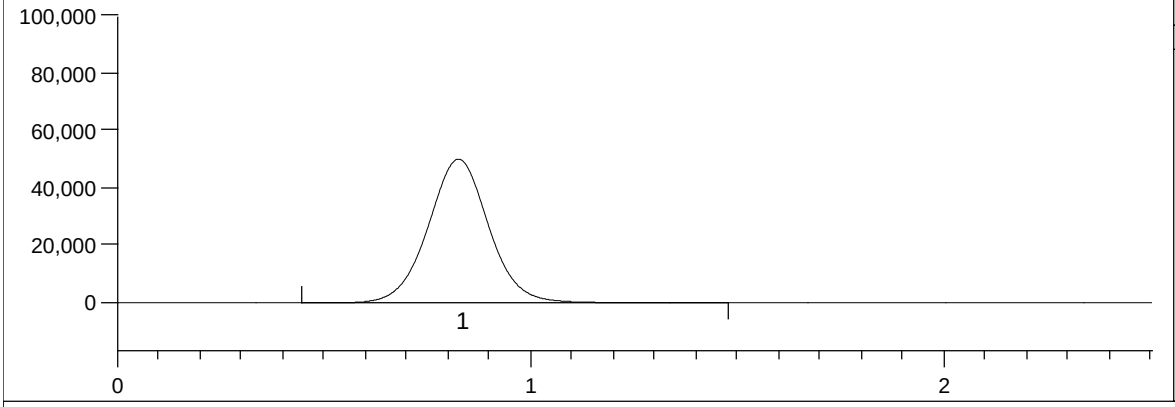
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

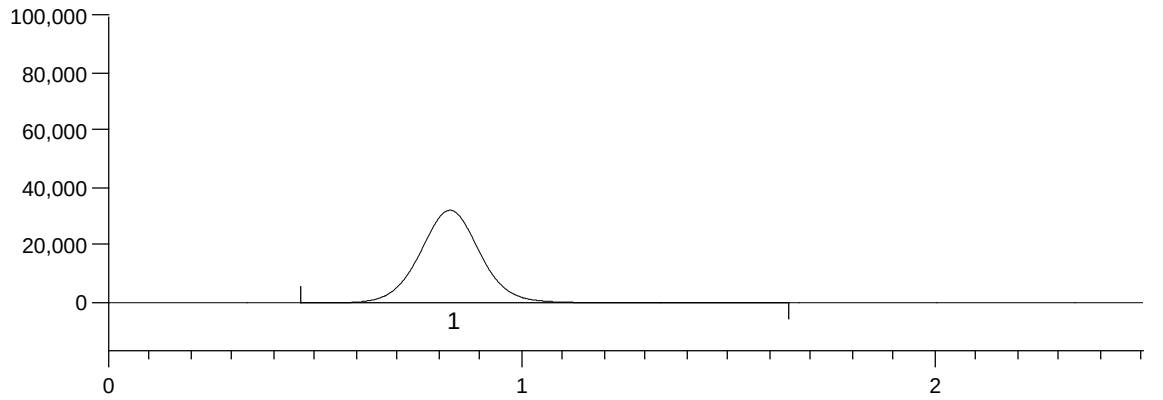


Date: 12/3/12
Time: 6:12 PM

Peak	rt	Area
1	0.82	5,146,235

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
43	X	S	B122131-DUP1		1	5,146,235	487	0.00		< HS	accept

Notes

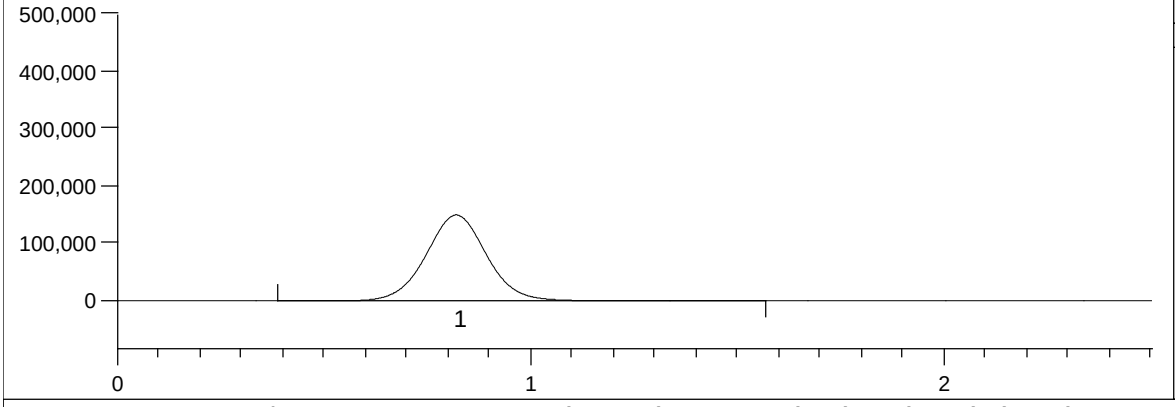


Date: 12/3/12
Time: 6:19 PM

Peak	rt	Area
1	0.82	3,312,890

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
44	Y	S	1245015-04		1	3,312,890	312	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 6:26 PM

Peak	rt	Area
1	0.82	15,435,373

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
45	X	S	1245015-05		1	15,435,373	1,470	0.00		< HS	accept

Notes

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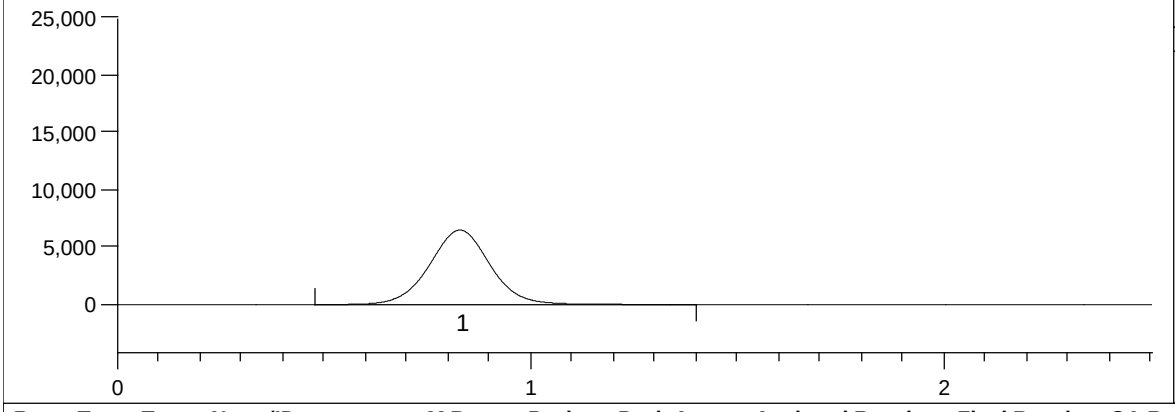
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

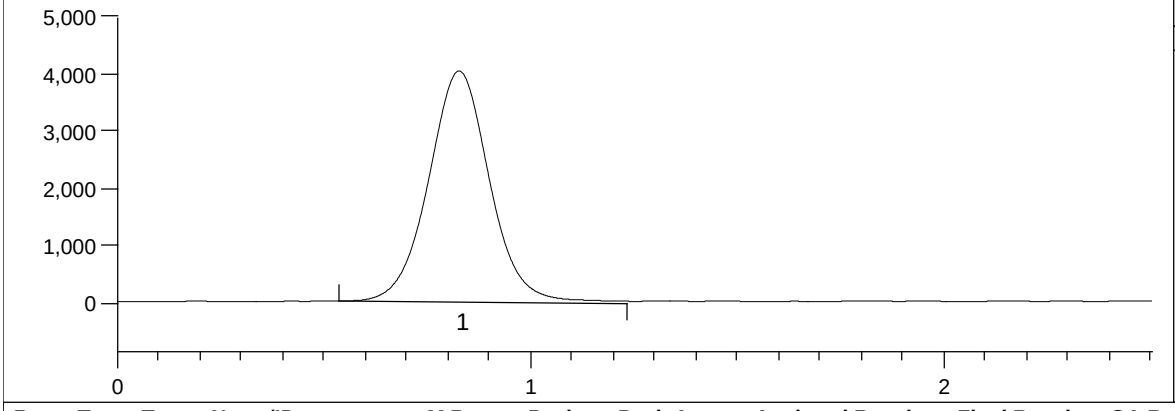


Date: 12/3/12
Time: 6:33 PM

Peak	rt	Area
1	0.82	665,235

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
46	Y	S	1246019-01		1	665,235	60.1	0.00		< HS	accept

Notes

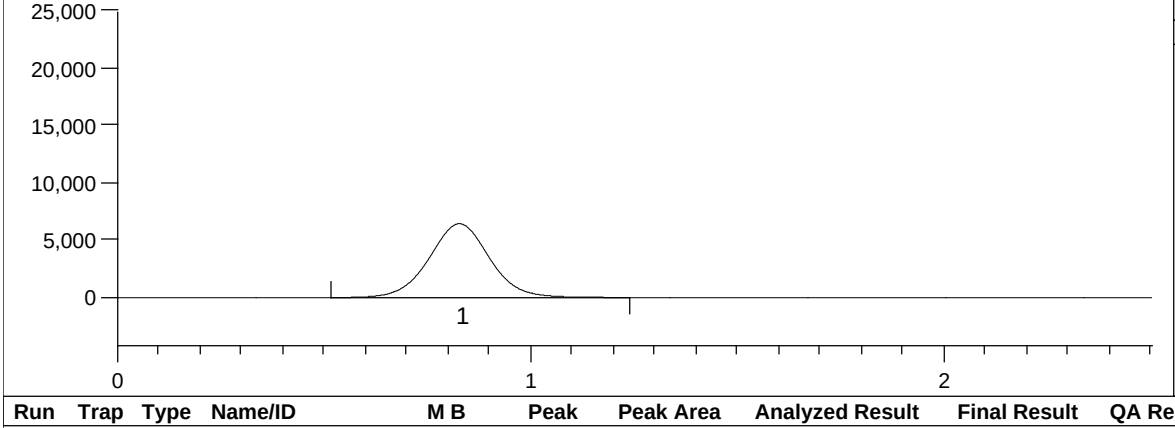


Date: 12/3/12
Time: 6:40 PM

Peak	rt	Area
1	0.82	409,264

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
47	X	S	1246019-02		1	409,264	35.7	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 6:47 PM

Peak	rt	Area
1	0.82	657,187

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
48	Y	S	1246019-03		1	657,187	59.3	0.00		< HS	accept

Notes

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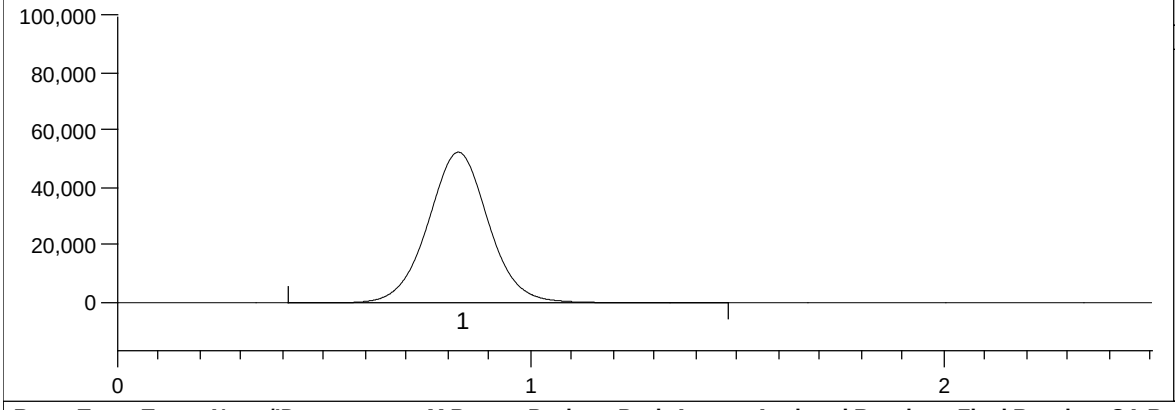
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

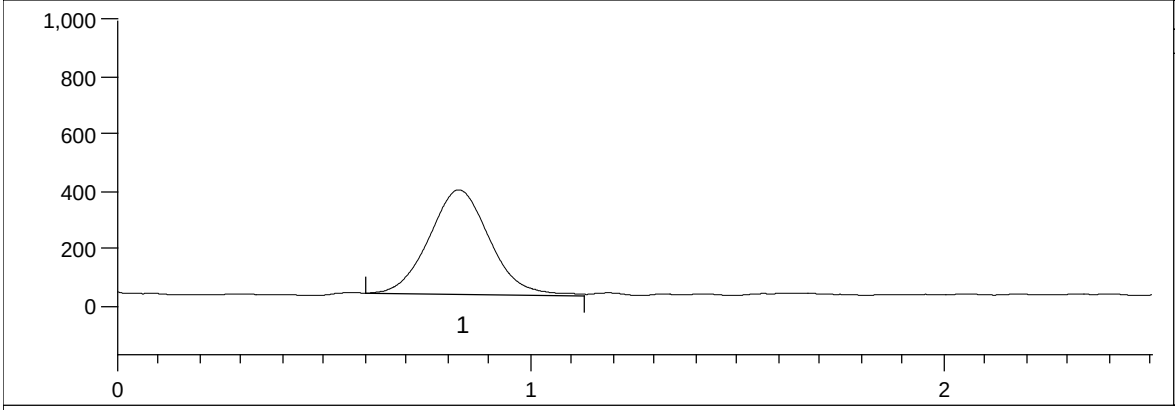


Date: 12/3/12
Time: 6:54 PM

Peak	rt	Area
1	0.82	5,386,606

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
49	X	CCV	SEQ-CCV		1	5,386,606	510.		102	77-123	accept

Notes

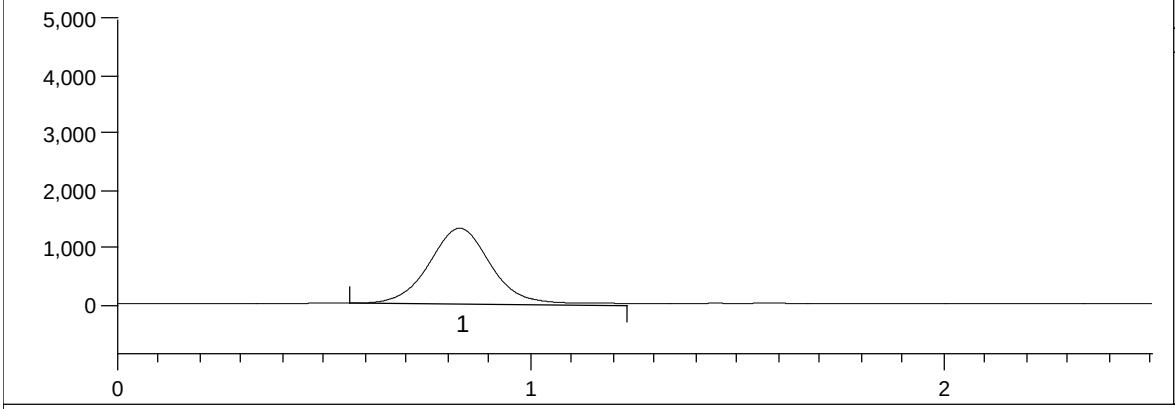


Date: 12/3/12
Time: 7:01 PM

Peak	rt	Area
1	0.82	36,287

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
50	Y	CCB	SEQ-CCB		1	36,287	3.46		3.46	< 10	accept

Notes



Date: 12/3/12
Time: 7:08 PM

Peak	rt	Area
1	0.82	134,278

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
51	X	S	B122132-BLK1		1	134,278	9.48	0.00		< HS	accept

Notes

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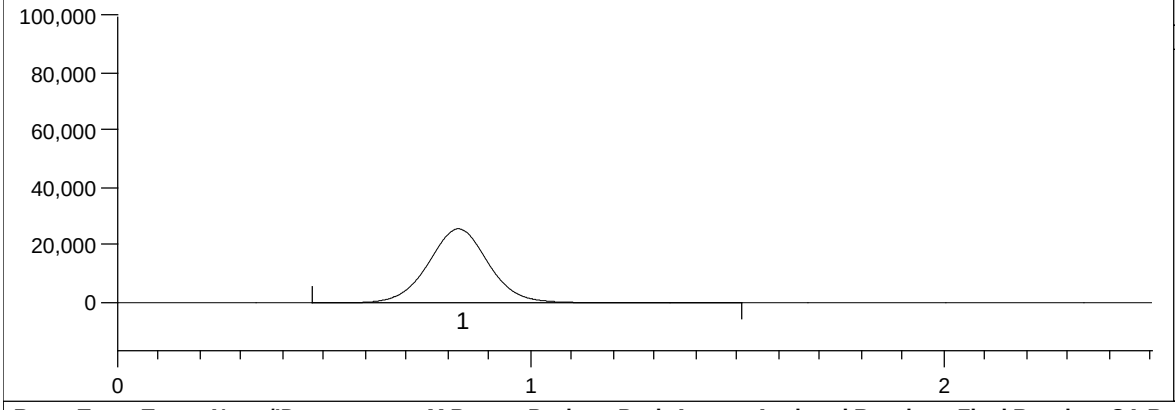
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

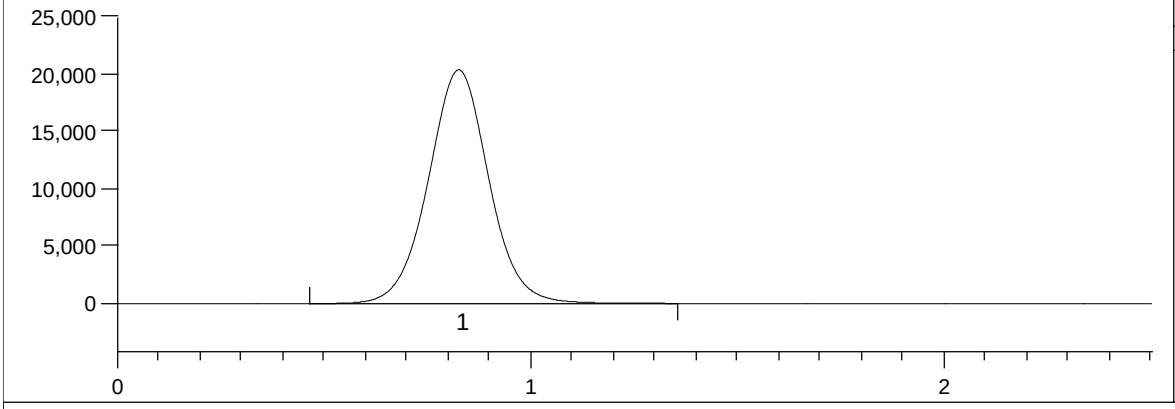


Date: 12/3/12
Time: 7:15 PM

Peak	rt	Area
1	0.82	2,639,626

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
52	Y	S	B122132-BLK2		1	2,639,626	248	0.00		< HS	accept

Notes

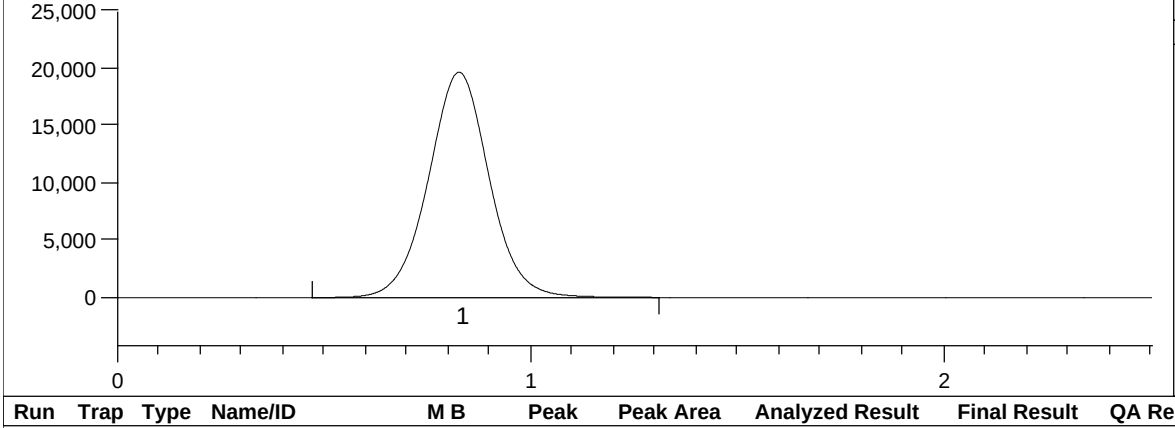


Date: 12/3/12
Time: 7:22 PM

Peak	rt	Area
1	0.82	2,085,278

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
53	X	S	B122132-BLK3		1	2,085,278	195	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 7:29 PM

Peak	rt	Area
1	0.82	2,016,831

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
54	Y	S	B122132-BLK4		1	2,016,831	189	0.00		< HS	accept

Notes

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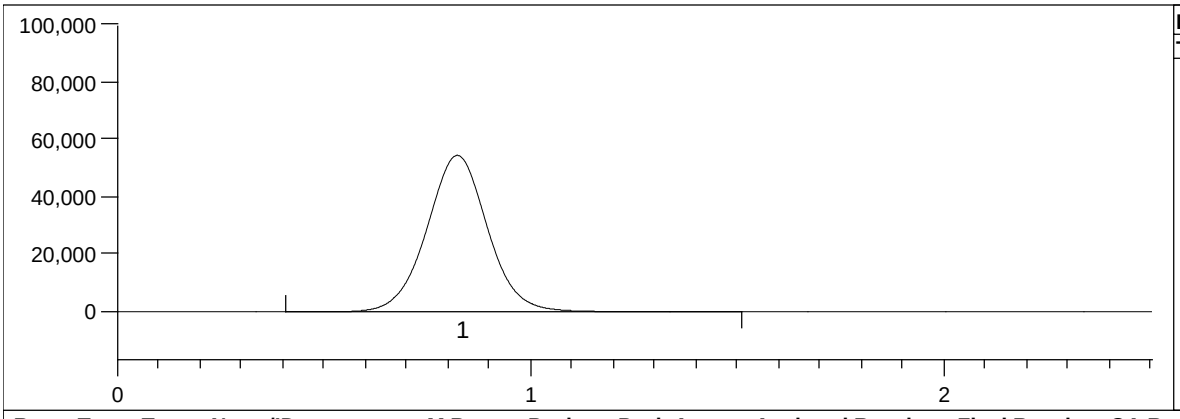
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

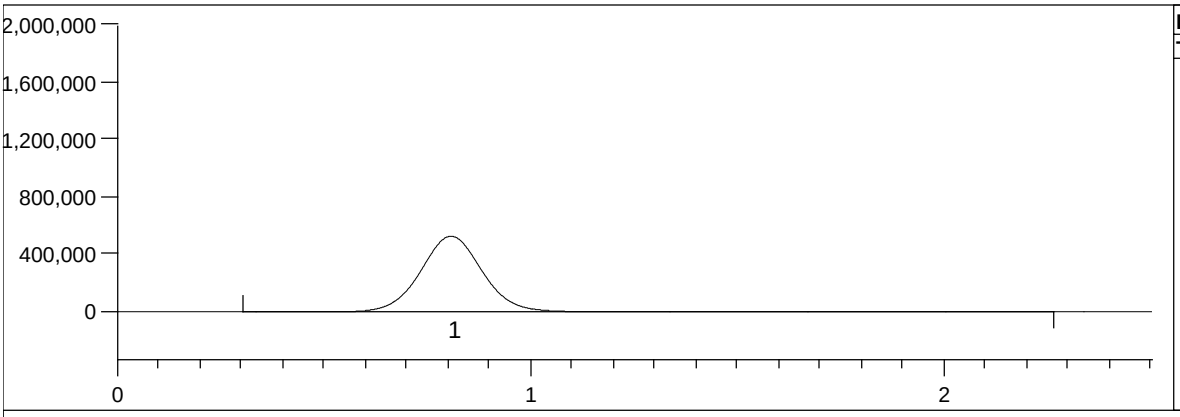


Date: 12/3/12
Time: 7:36 PM

Peak	rt	Area
1	0.82	5,616,207

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
55	X	S	B122132-SRM1		1	5,616,207	532	0.00		< HS	accept

Notes

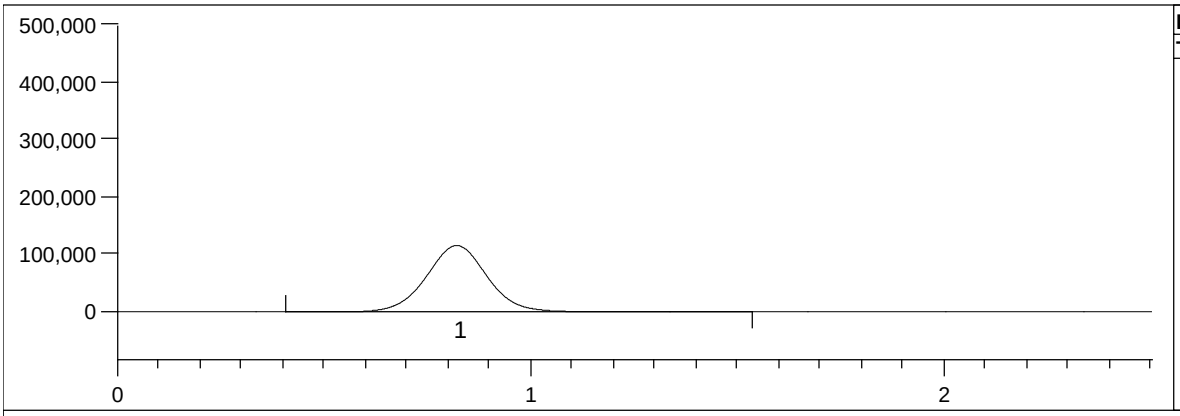


Date: 12/3/12
Time: 7:43 PM

Peak	rt	Area
1	0.80	55,574,784

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
56	Y	S	B122132-SRM2		1	55,574,784	5,290	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 7:50 PM

Peak	rt	Area
1	0.82	11,951,826

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
57	X	S	B122132-SRM3		1	11,951,826	1,140	0.00		< HS	accept

Notes

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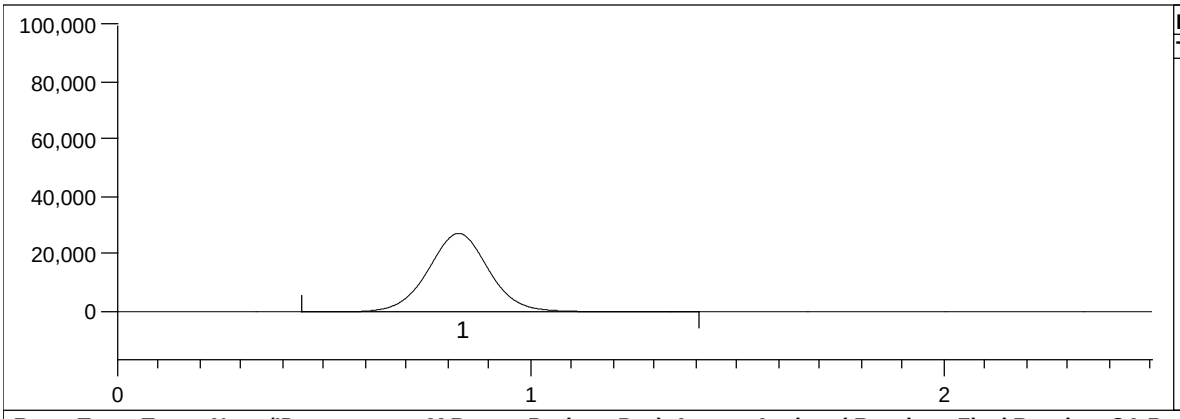
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

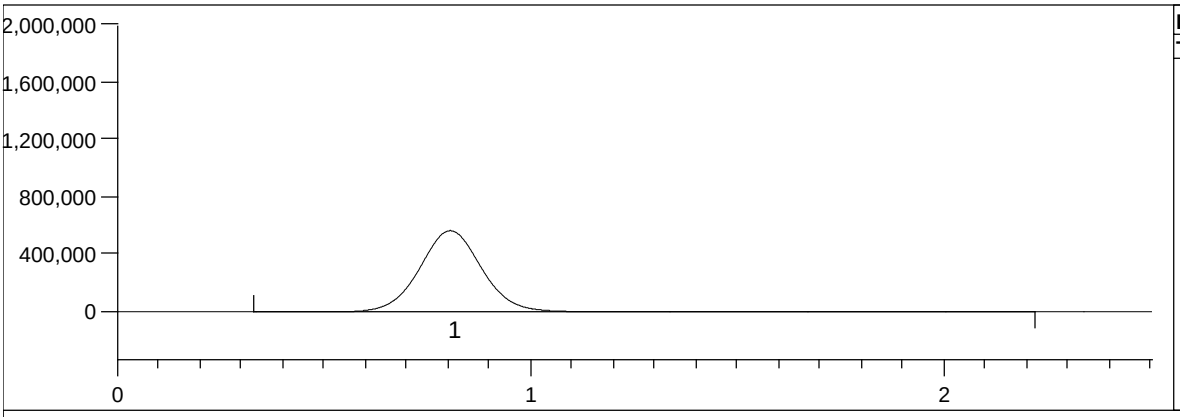


Date: 12/3/12
Time: 7:57 PM

Peak	rt	Area
1	0.82	2,814,561

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
58	Y	S	B122132-SRM4		1	2,814,561	265	0.00		< HS	accept

Notes

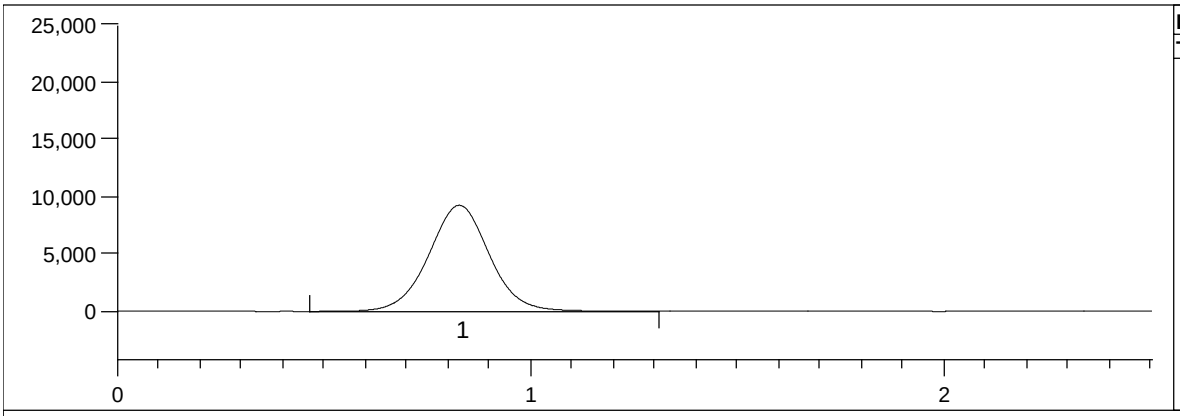


Date: 12/3/12
Time: 8:04 PM

Peak	rt	Area
1	0.80	59,940,050

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
59	X	S	1245015-01		1	59,940,050	5,710	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 8:11 PM

Peak	rt	Area
1	0.82	951,316

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
60	Y	S	1245015-02		1	951,316	87.3	0.00		< HS	accept

Notes

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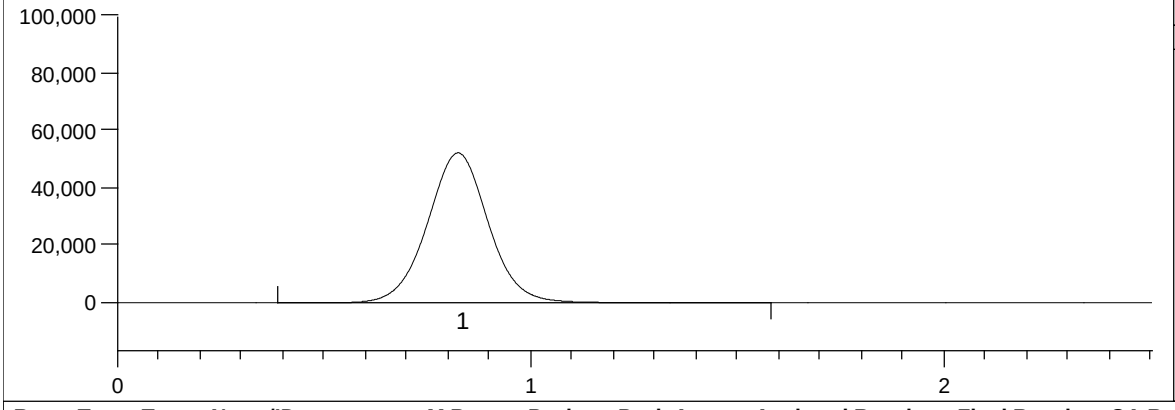
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

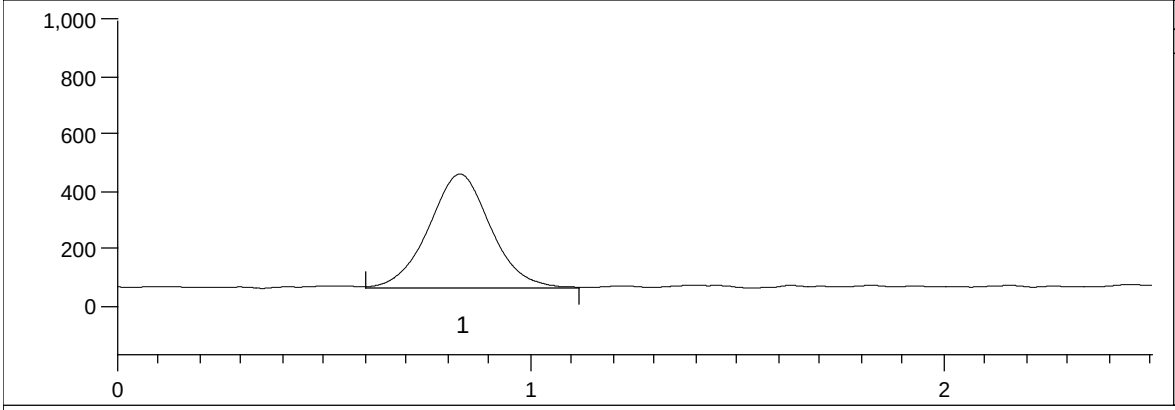


Date: 12/3/12
Time: 8:18 PM

Peak	rt	Area
1	0.82	5,395,287

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
61	X	CCV	SEQ-CCV		1	5,395,287	511		102	77-123	accept

Notes

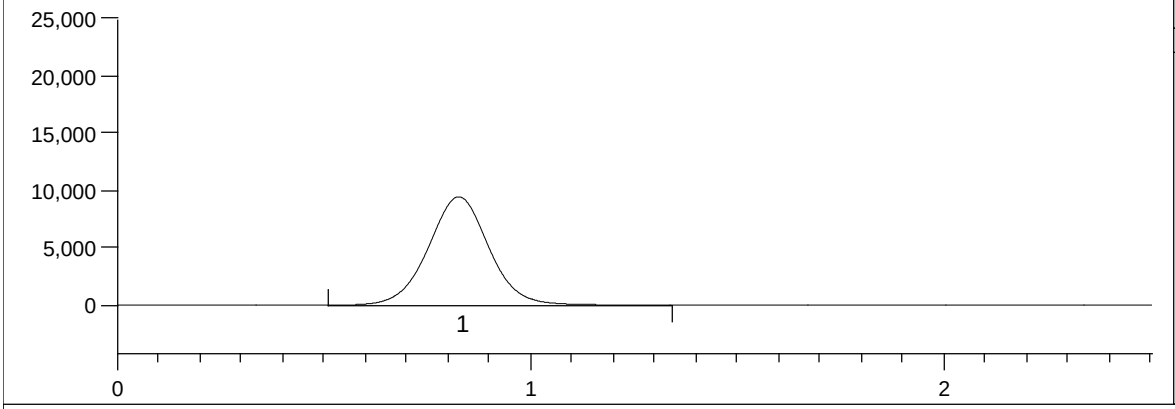


Date: 12/3/12
Time: 8:25 PM

Peak	rt	Area
1	0.82	40,441

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
62	Y	CCB	SEQ-CCB		1	40,441	3.85		3.85	< 10	accept

Notes



Date: 12/3/12
Time: 8:32 PM

Peak	rt	Area
1	0.82	965,064

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
63	X	S	1245015-03		1	965,064	88.6	0.00		< HS	accept

Notes

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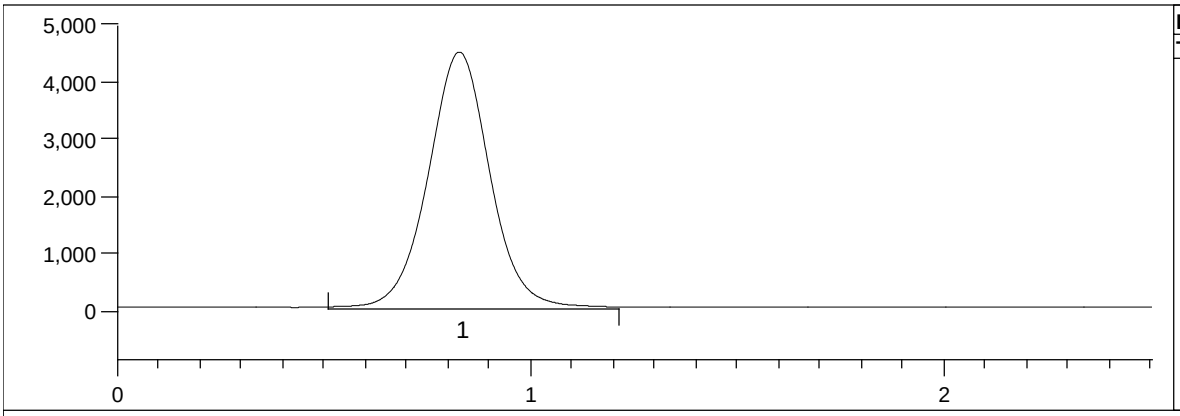
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

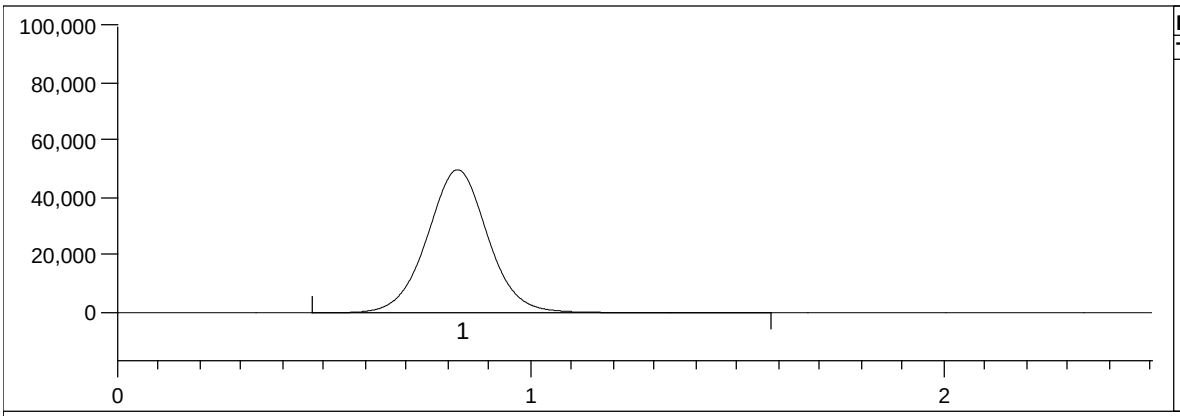


Date: 12/3/12
Time: 8:39 PM

Peak	rt	Area
1	0.82	455,572

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
64	Y	S	B122132-DUP1		1	455,572	40.1	0.00		< HS	accept

Notes

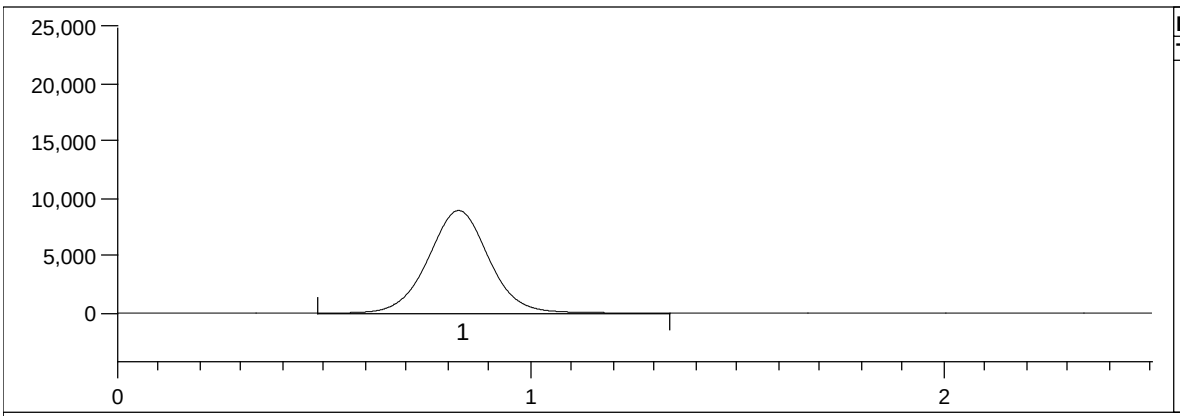


Date: 12/3/12
Time: 8:46 PM

Peak	rt	Area
1	0.82	5,123,475

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
65	X	S	1245015-04		1	5,123,475	485	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 8:53 PM

Peak	rt	Area
1	0.82	917,545

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
66	Y	S	1245015-05		1	917,545	84.1	0.00		< HS	accept

Notes

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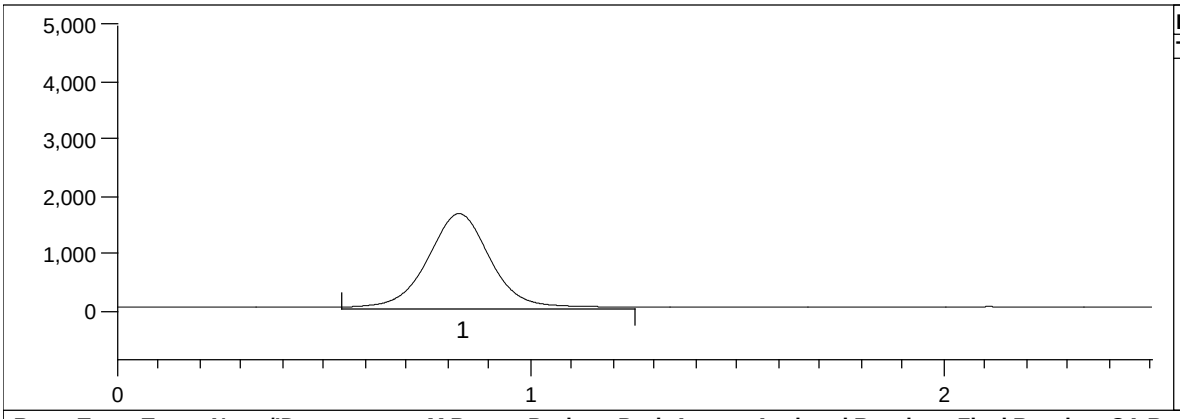
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

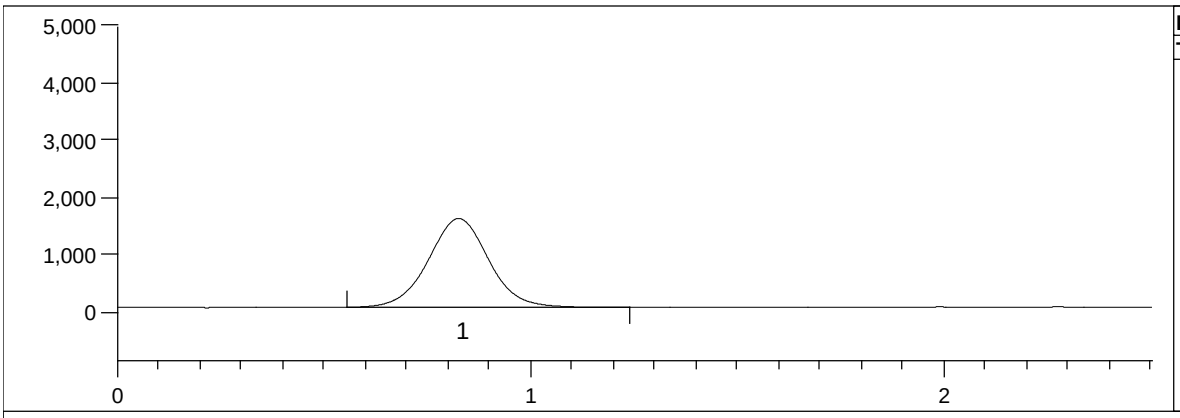


Date: 12/3/12
Time: 9:00 PM

Peak	rt	Area
1	0.82	167,716

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
67	X	S	1246019-01		1	167,716	12.7	0.00		< HS	accept

Notes

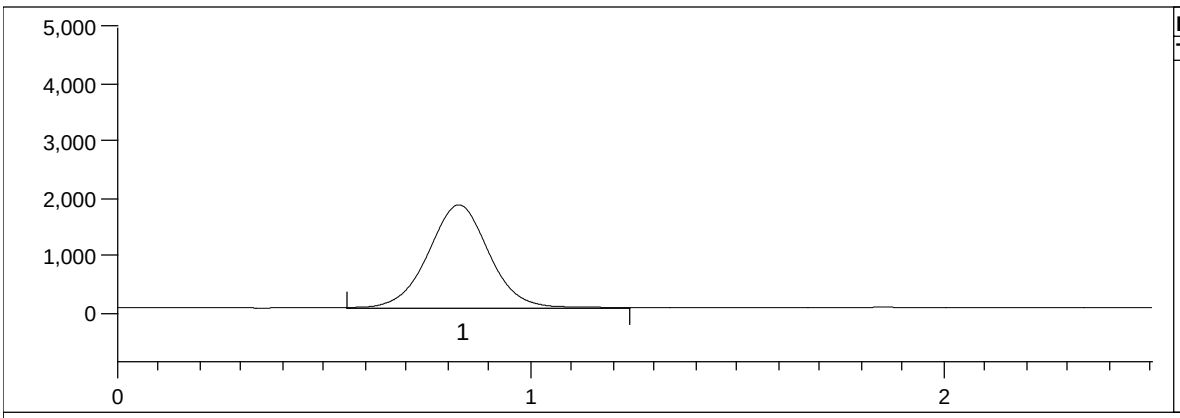


Date: 12/3/12
Time: 9:07 PM

Peak	rt	Area
1	0.82	158,196

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
68	Y	S	1246019-02		1	158,196	11.8	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 9:14 PM

Peak	rt	Area
1	0.82	182,914

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
69	X	S	1246019-03		1	182,914	14.1	0.00		< HS	accept

Notes

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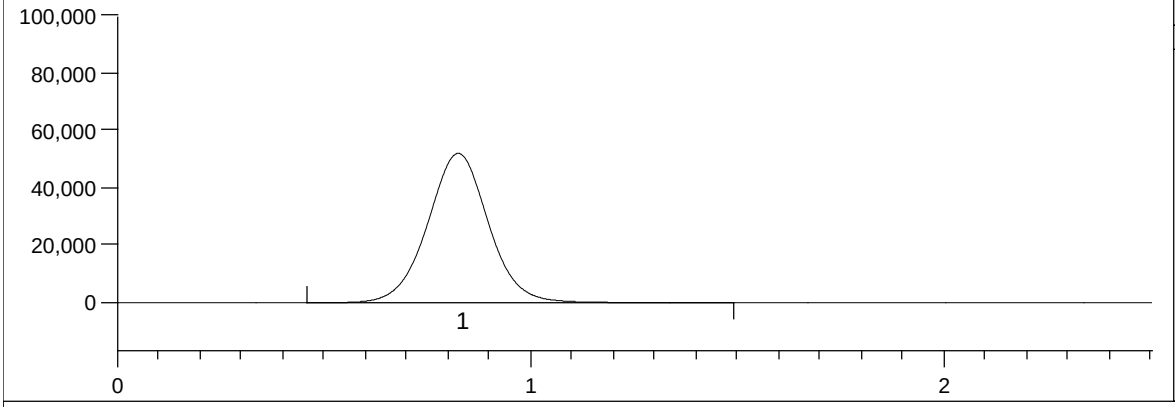
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

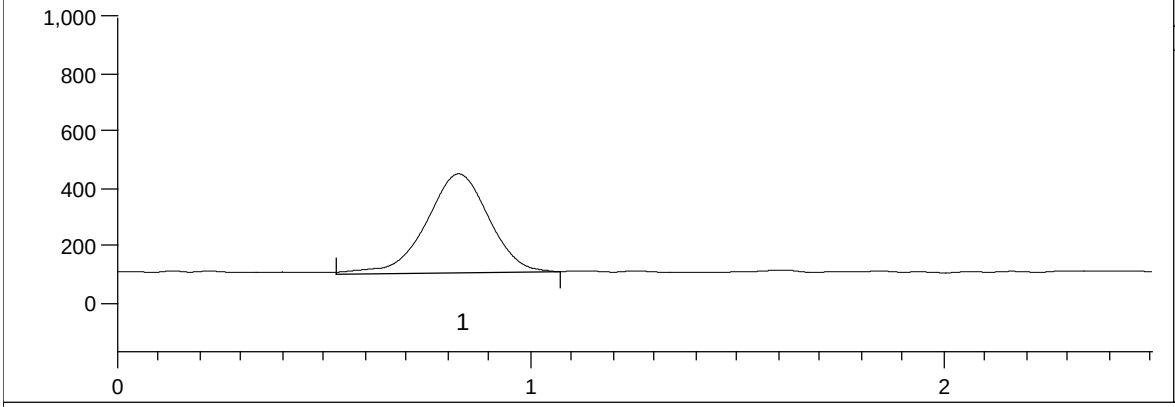
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/3/12
Time: 9:21 PM

Peak	rt	Area
1	0.82	5,359,263

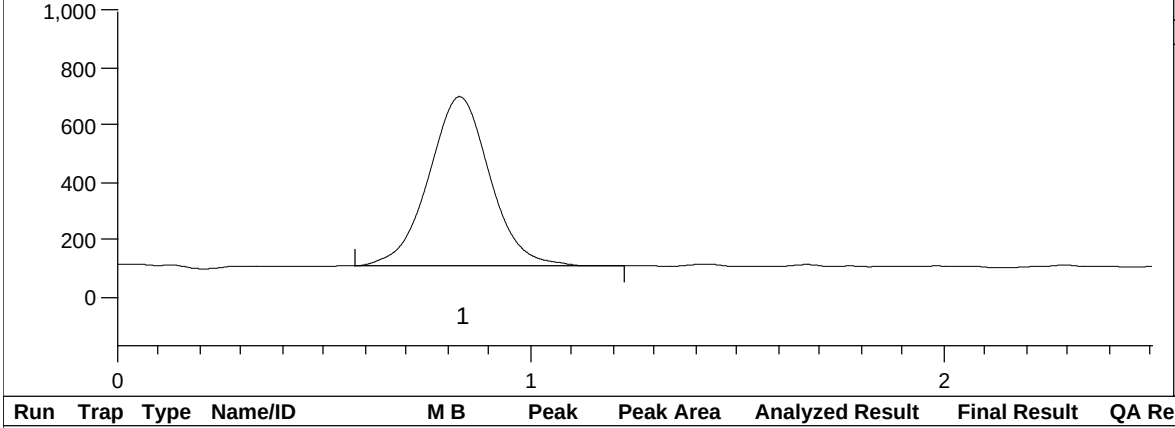
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
70	Y	CCV	SEQ-CCV		1	5,359,263	507		101	77-123	accept
Notes											



Date: 12/3/12
Time: 9:28 PM

Peak	rt	Area
1	0.82	35,499

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
71	X	CCB	SEQ-CCB		1	35,499	3.38		3.38	< 10	accept
Notes											



Date: 12/3/12
Time: 9:35 PM

Peak	rt	Area
1	0.82	60,860

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
72	Y	S	B122215-BLK1		1	60,860	2.48	0.00		< HS	accept
Notes											

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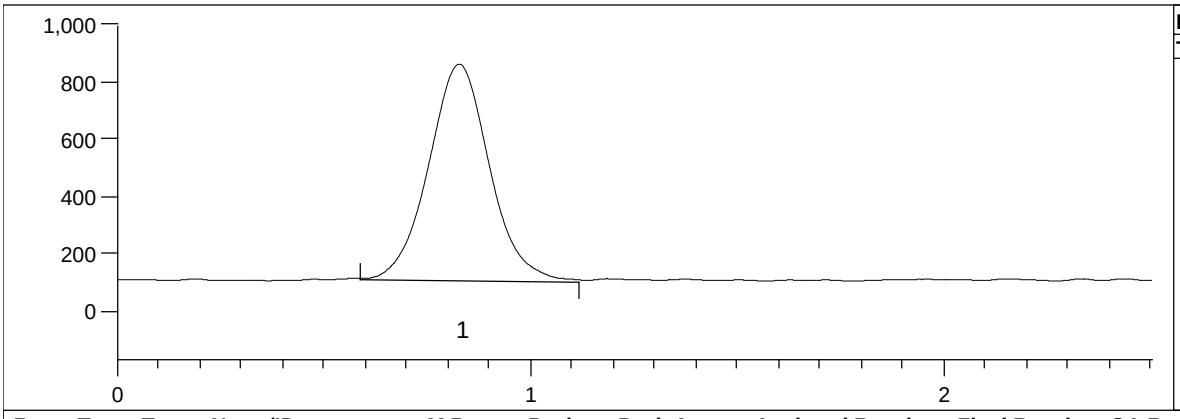
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

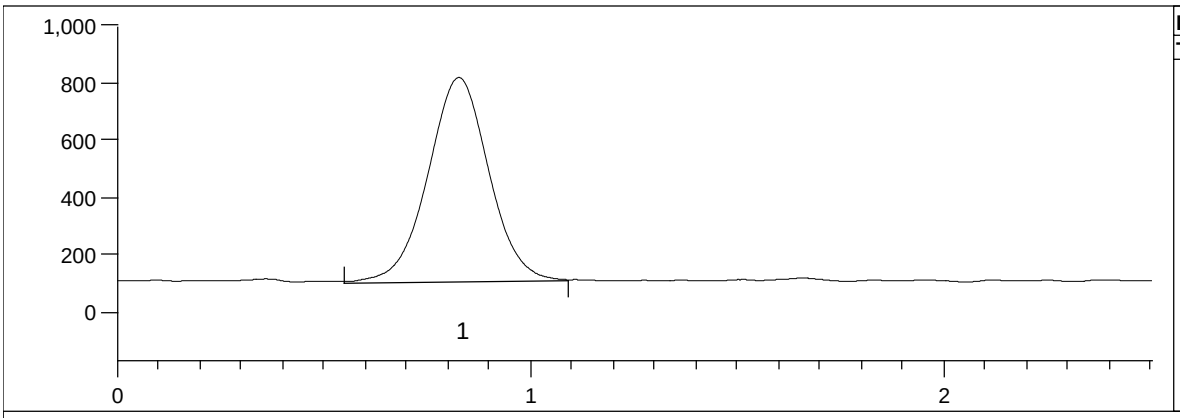


Date: 12/3/12
Time: 9:42 PM

Peak	rt	Area
1	0.82	75,822

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
73	X	S	B122215-BLK2		1	75,822	3.91	0.00		< HS	accept

Notes

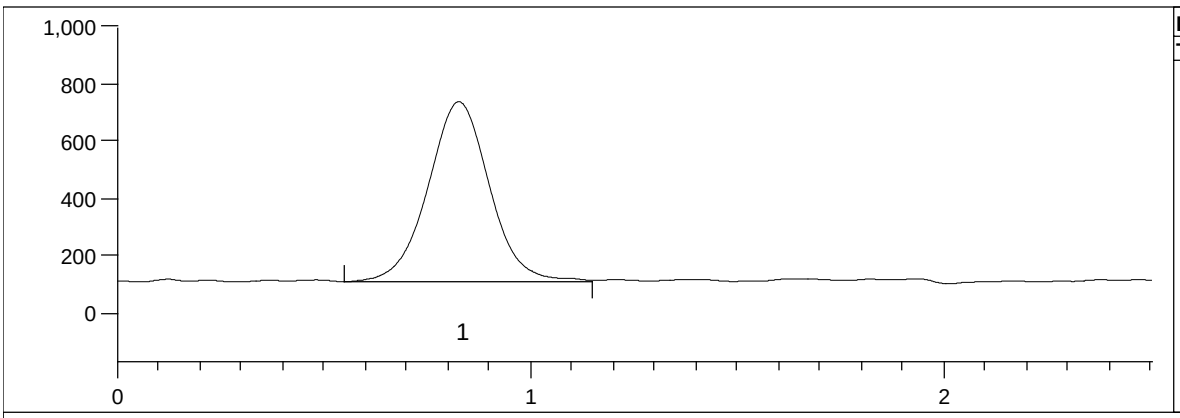


Date: 12/3/12
Time: 9:49 PM

Peak	rt	Area
1	0.82	72,362

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
74	Y	S	B122215-BLK3		1	72,362	3.58	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 9:56 PM

Peak	rt	Area
1	0.82	64,775

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
75	X	S	B122215-BLK4		1	64,775	2.85	0.00		< HS	accept

Notes

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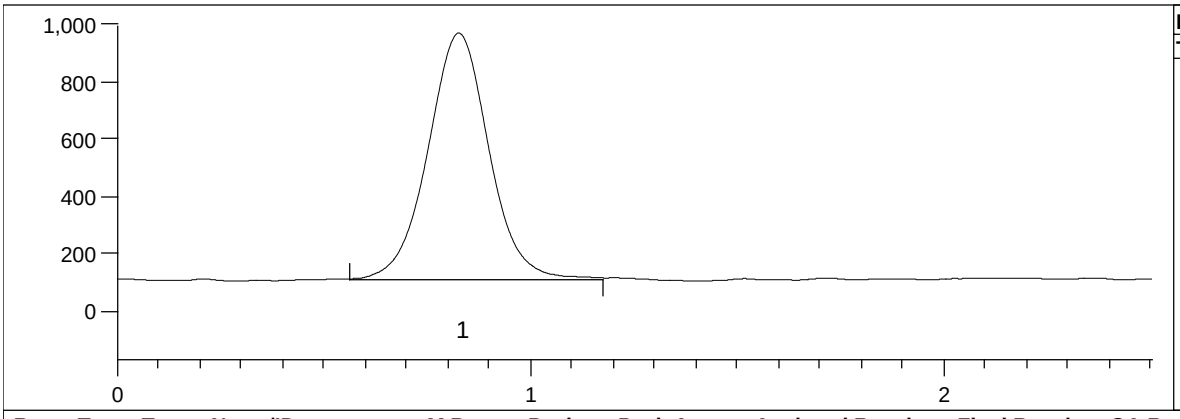
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

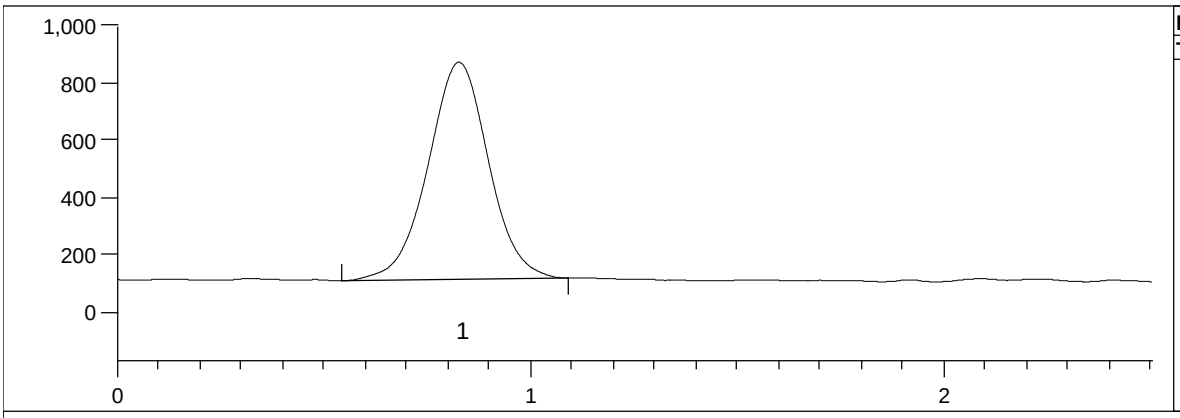


Date: 12/3/12
Time: 10:03 PM

Peak	rt	Area
1	0.82	87,185

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
76	Y	S	1248002-03		1	87,185	4.99	0.00		< HS	accept

Notes

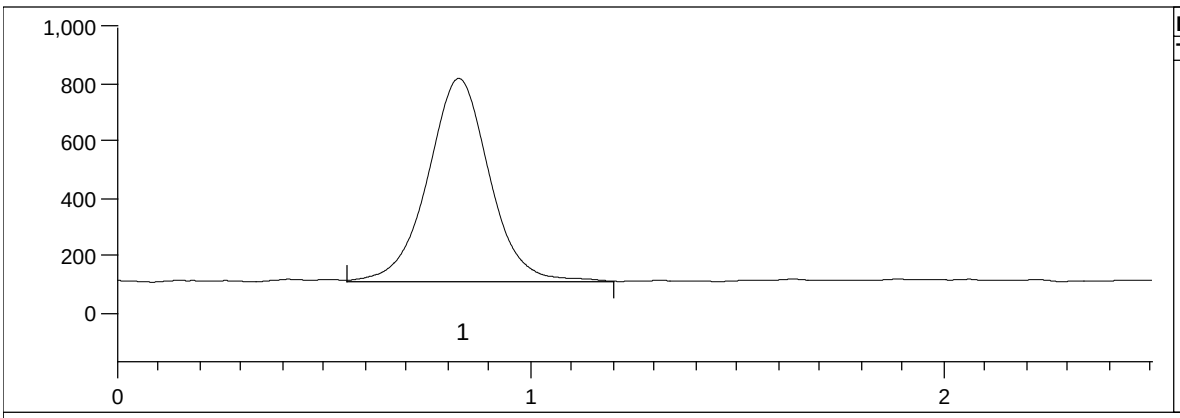


Date: 12/3/12
Time: 10:10 PM

Peak	rt	Area
1	0.82	77,570

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
77	X	S	1248002-04		1	77,570	4.07	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 10:17 PM

Peak	rt	Area
1	0.82	72,398

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
78	Y	S	1248002-07		1	72,398	3.58	0.00		< HS	accept

Notes

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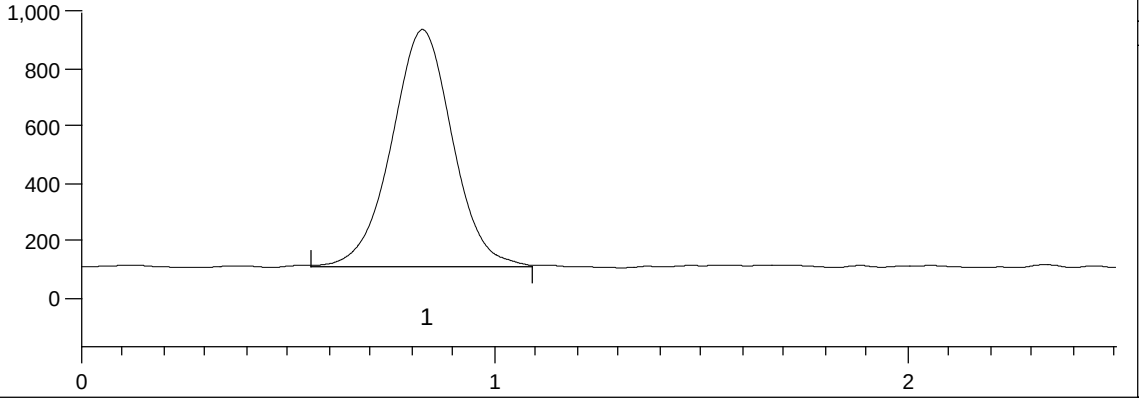
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

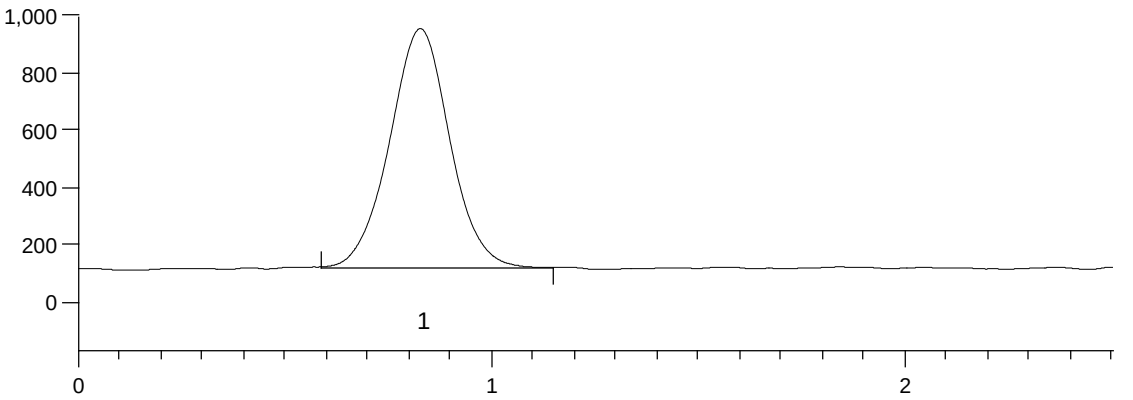


Date: 12/3/12
Time: 10:24 PM

Peak	rt	Area
1	0.82	83,799

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
79	X	S	1248002-08		1	83,799	4.67	0.00		< HS	accept

Notes

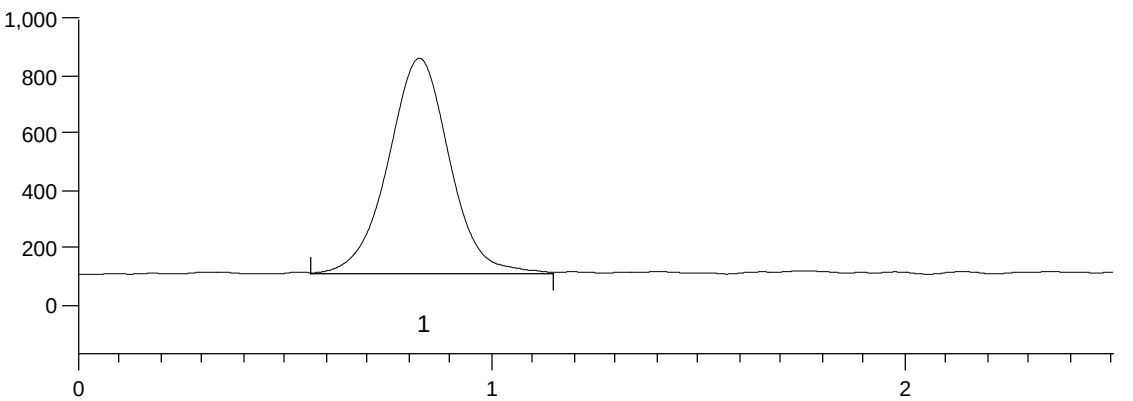


Date: 12/3/12
Time: 10:31 PM

Peak	rt	Area
1	0.82	83,886

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
80	Y	S	1248002-11		1	83,886	4.67	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 10:38 PM

Peak	rt	Area
1	0.82	76,889

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
81	X	S	1248002-12		1	76,889	4.01	0.00		< HS	accept

Notes

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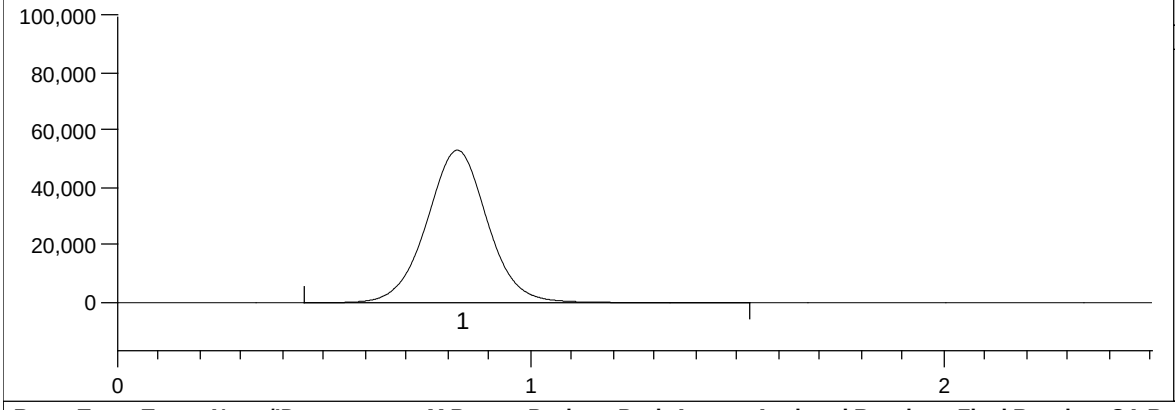
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

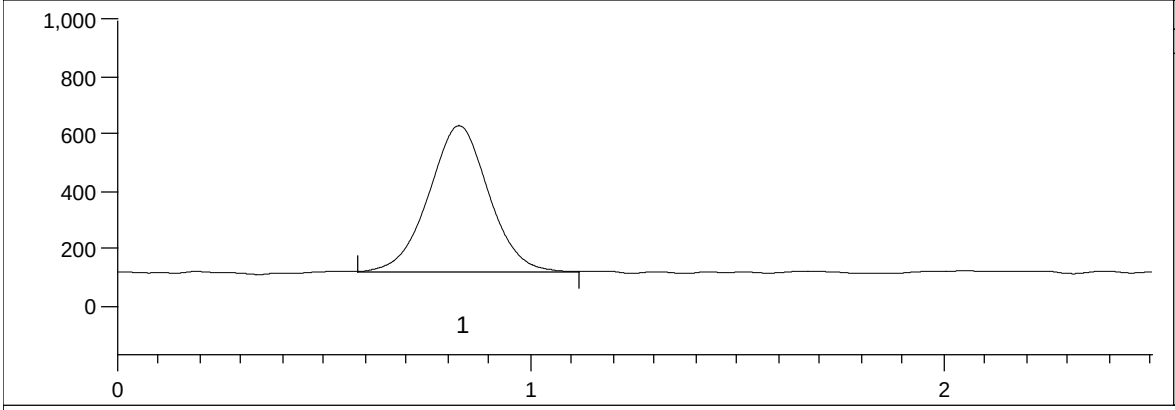
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/3/12
Time: 10:45 PM

Peak	rt	Area
1	0.82	5,460,718

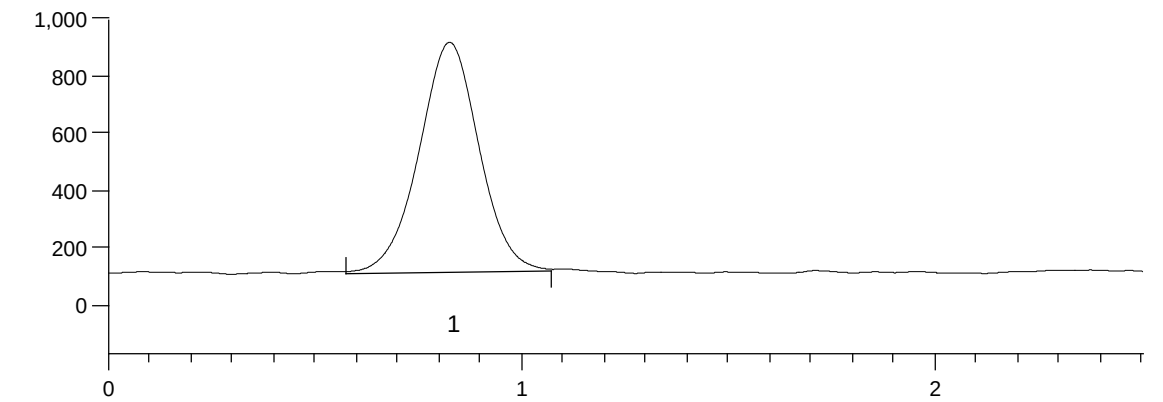
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
82	Y	CCV	SEQ-CCV		1	5,460,718	517		103	77-123	accept
Notes											



Date: 12/3/12
Time: 10:52 PM

Peak	rt	Area
1	0.82	51,067

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
83	X	CCB	SEQ-CCB		1	51,067	4.87		4.87	< 10	accept
Notes											



Date: 12/3/12
Time: 10:59 PM

Peak	rt	Area
1	0.82	79,804

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
84	Y	S	1248003-05		1	79,804	4.29	0.00		< HS	accept
Notes											

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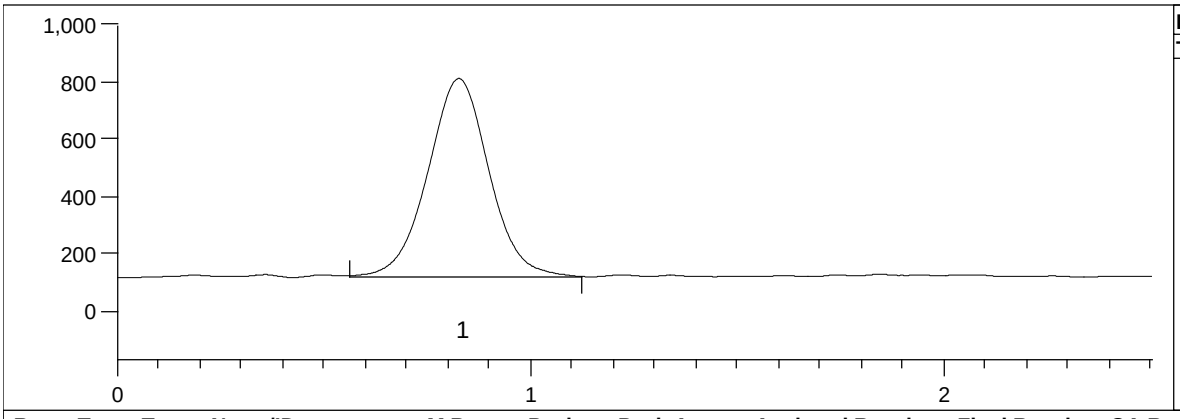
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

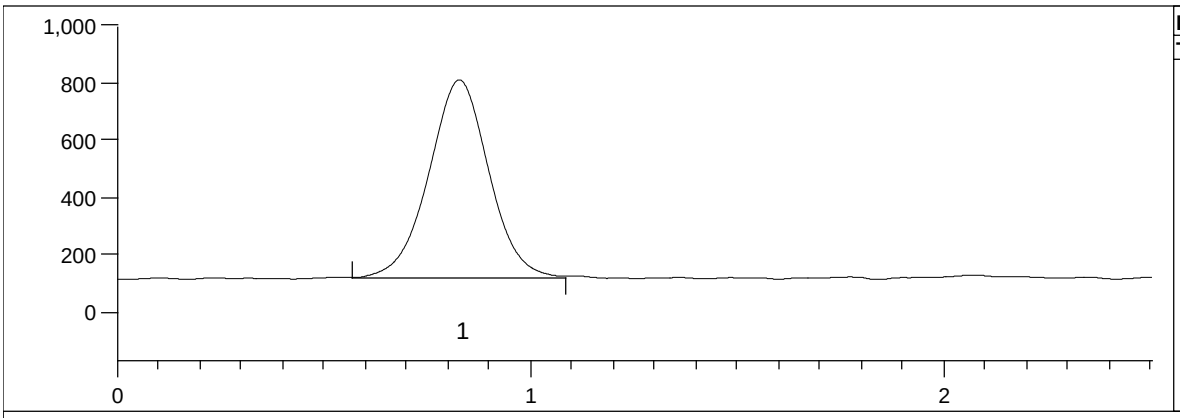


Date: 12/3/12
Time: 11:06 PM

Peak	rt	Area
1	0.82	70,474

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
85	X	S	1248003-06		1	70,474	3.40	0.00		< HS	accept

Notes

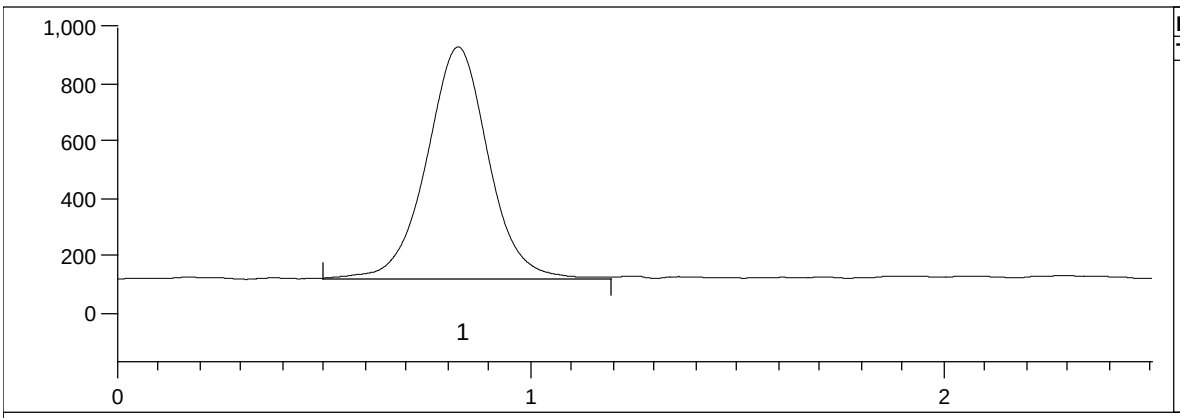


Date: 12/3/12
Time: 11:13 PM

Peak	rt	Area
1	0.82	69,125

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
86	Y	S	1248003-07		1	69,125	3.27	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 11:20 PM

Peak	rt	Area
1	0.82	82,924

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
87	X	S	1248003-08		1	82,924	4.58	0.00		< HS	accept

Notes

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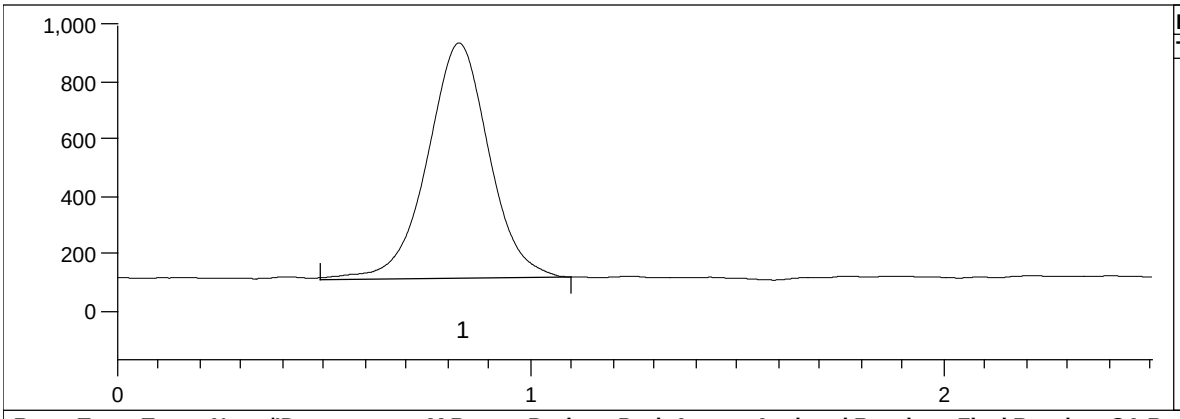
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

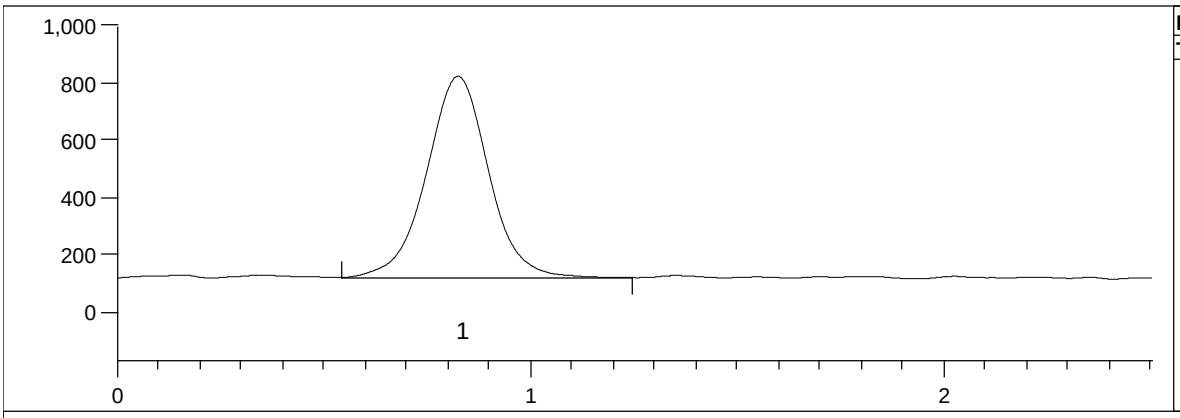


Date: 12/3/12
Time: 11:27 PM

Peak	rt	Area
1	0.82	84,380

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
88	Y	S	1248015-03		1	84,380	4.72	0.00		< HS	accept

Notes

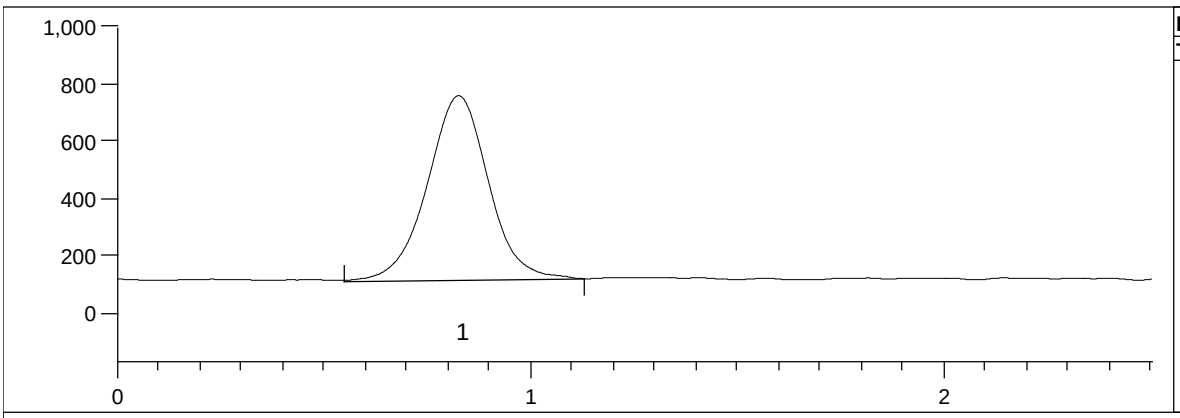


Date: 12/3/12
Time: 11:34 PM

Peak	rt	Area
1	0.82	73,353

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
89	X	S	1248015-04		1	73,353	3.67	0.00		< HS	accept

Notes



Date: 12/3/12
Time: 11:41 PM

Peak	rt	Area
1	0.82	66,060

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
90	Y	S	1247008-03		1	66,060	2.98	0.00		< HS	accept

Notes

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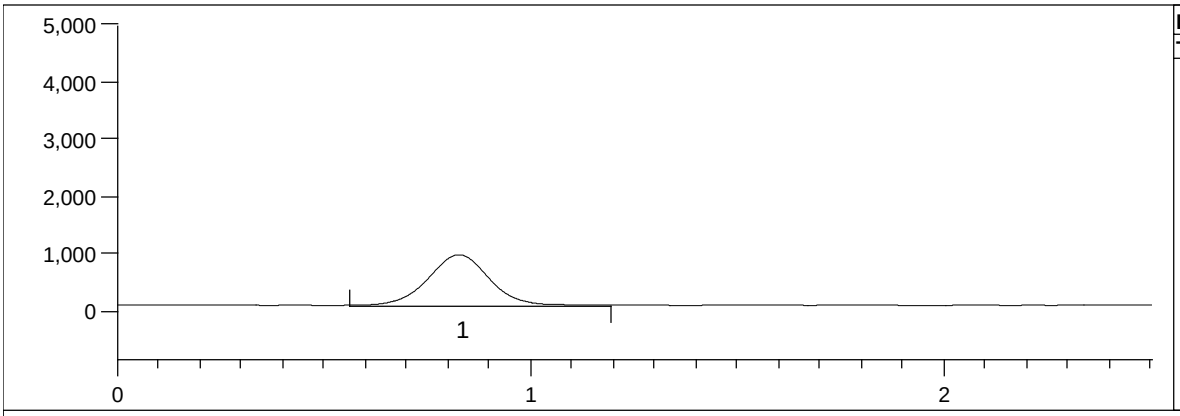
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

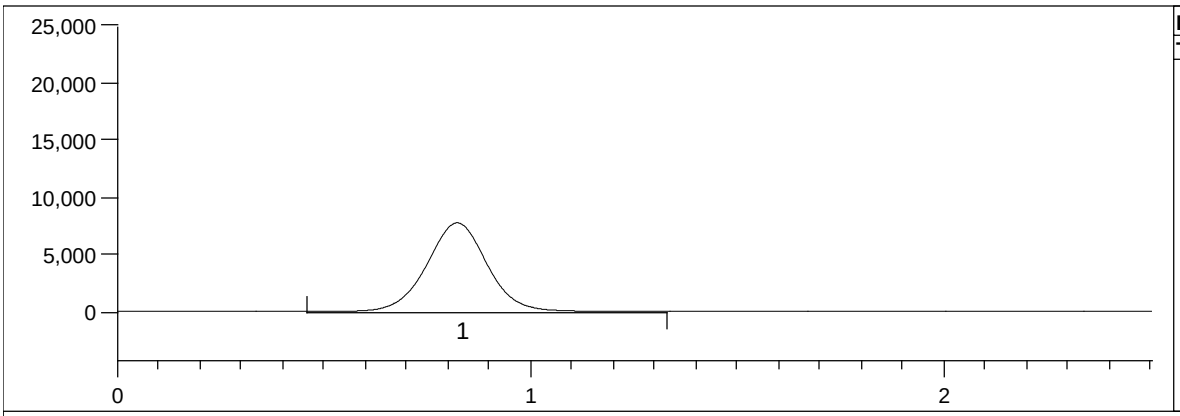


Date: 12/3/12
Time: 11:48 PM

Peak	rt	Area
1	0.82	90,096

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
91	X	S	1247013-01		1	90,096	5.27	0.00		< HS	accept

Notes

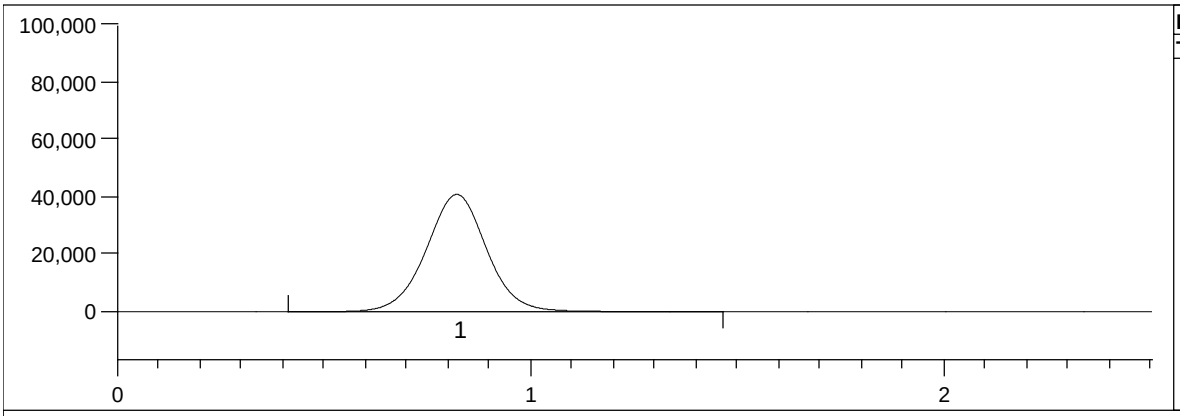


Date: 12/3/12
Time: 11:55 PM

Peak	rt	Area
1	0.82	791,000

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
92	Y	S	1248016-01		1	791,000	72.0	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 12:02 AM

Peak	rt	Area
1	0.82	4,187,582

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
93	X	S	B122215-MS1		1	4,187,582	396	0.00		< HS	accept

Notes

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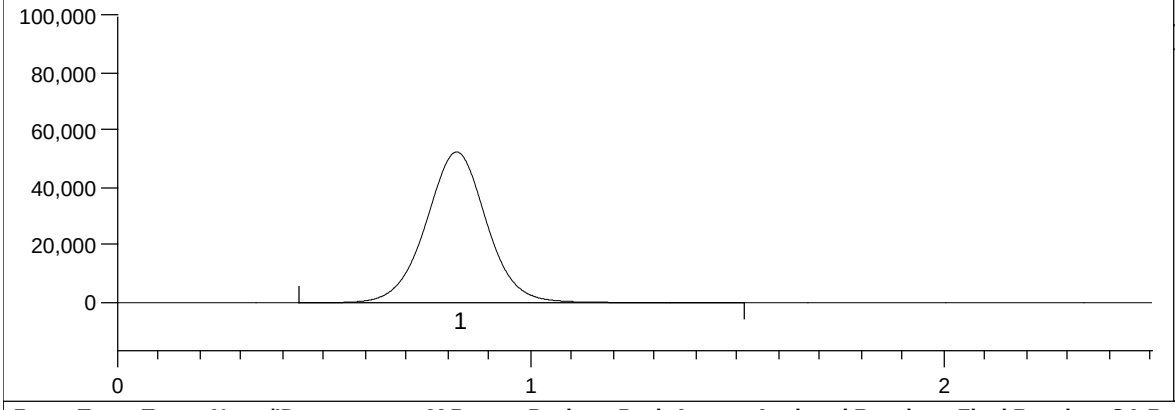
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

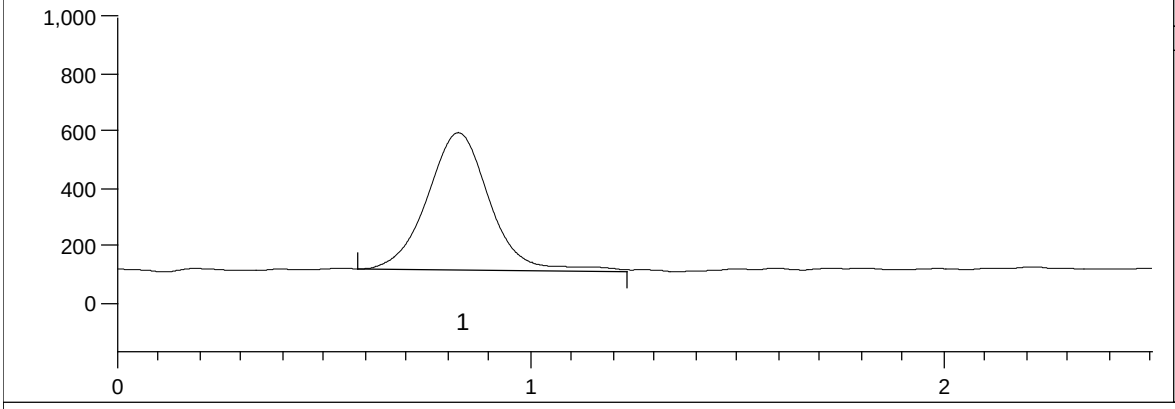
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 12:09 AM

Peak	rt	Area
1	0.82	5,393,652

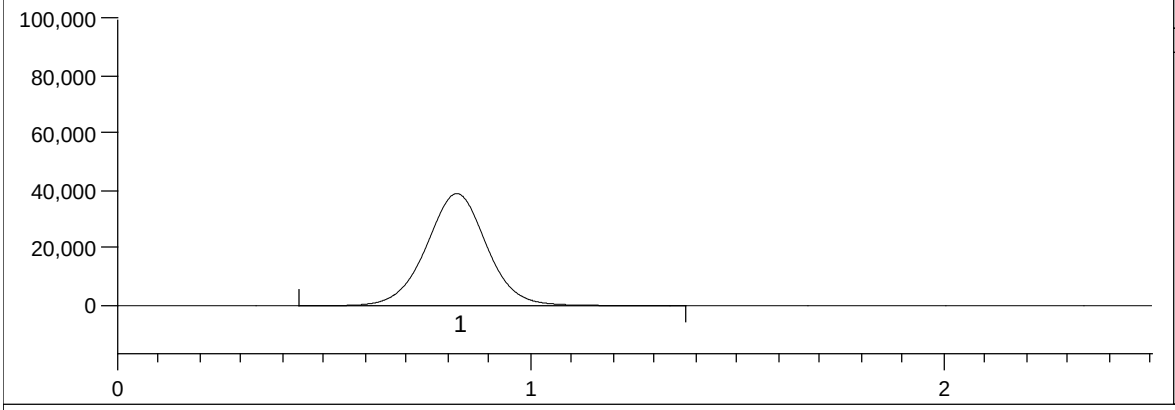
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
94	Y	CCV	SEQ-CCV		1	5,393,652	511		102	77-123	accept
Notes											



Date: 12/4/12
Time: 12:16 AM

Peak	rt	Area
1	0.82	49,184

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
95	X	CCB	SEQ-CCB		1	49,184	4.69		4.69	< 10	accept
Notes											



Date: 12/4/12
Time: 12:23 AM

Peak	rt	Area
1	0.82	3,995,961

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
96	Y	S	B122215-MSD1		1	3,995,961	377	0.00		< HS	accept
Notes											

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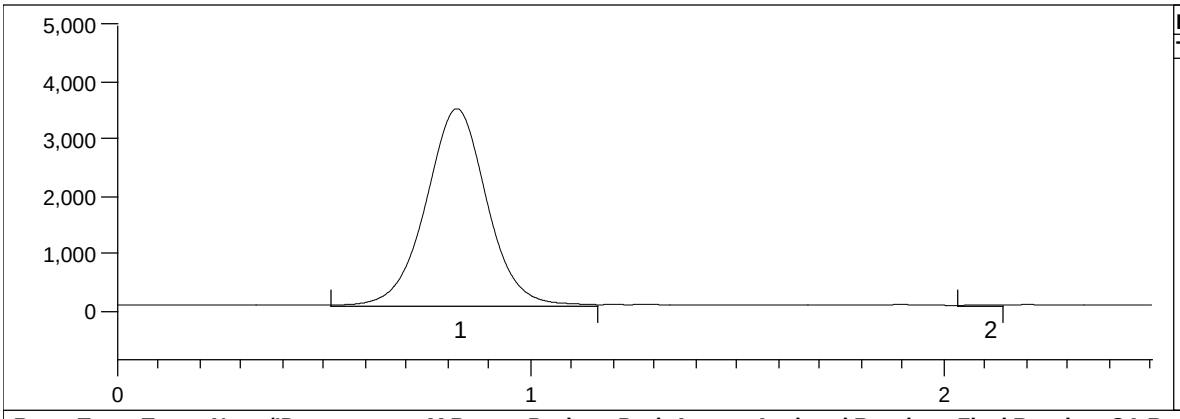
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

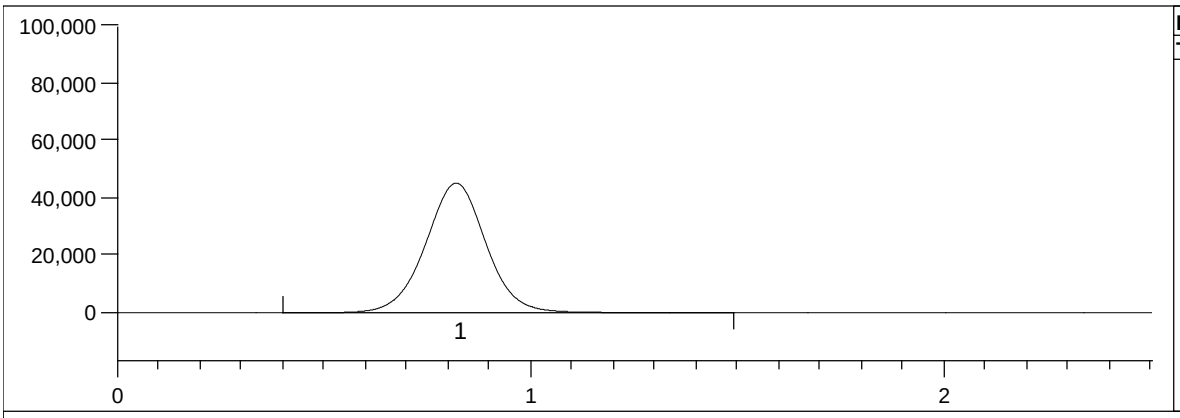


Date: 12/4/12
Time: 12:30 AM

Peak	rt	Area
1	0.82	348,859
2	2.10	284

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
97	X	S	1248002-06		1	348,859	29.9	0.00		< HS	accept

Notes

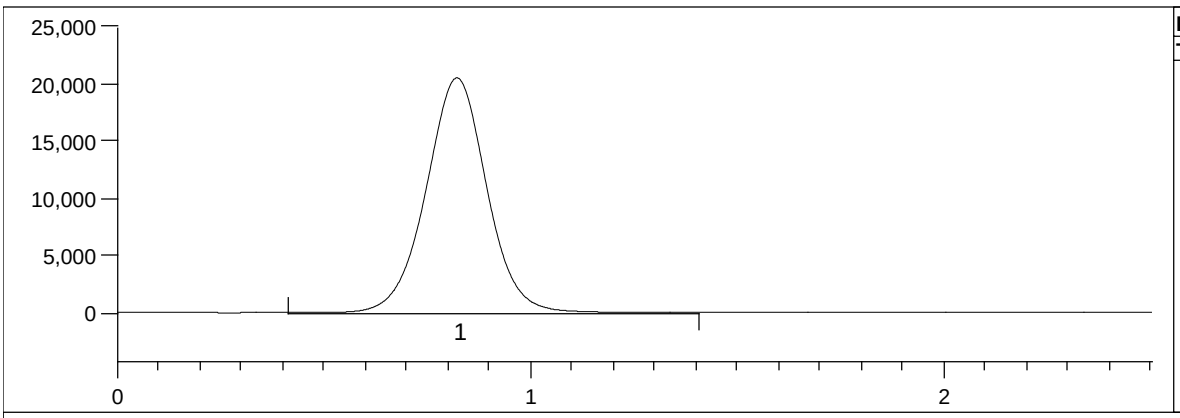


Date: 12/4/12
Time: 12:37 AM

Peak	rt	Area
1	0.82	4,626,168

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
98	Y	S	1248002-09		1	4,626,168	437	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 12:44 AM

Peak	rt	Area
1	0.82	2,095,439

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
99	X	S	1248002-10		1	2,095,439	196	0.00		< HS	accept

Notes

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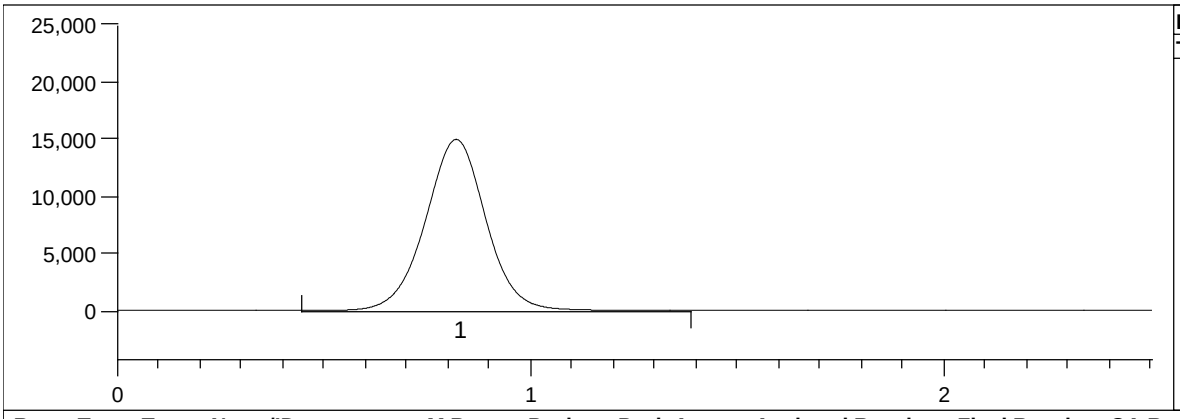
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

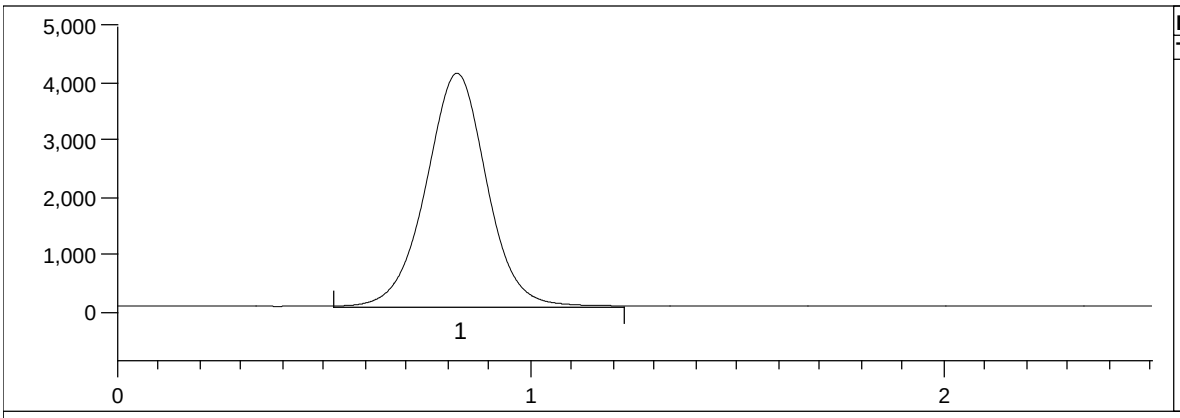
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 12:51 AM

Peak	rt	Area
1	0.82	1,526,117

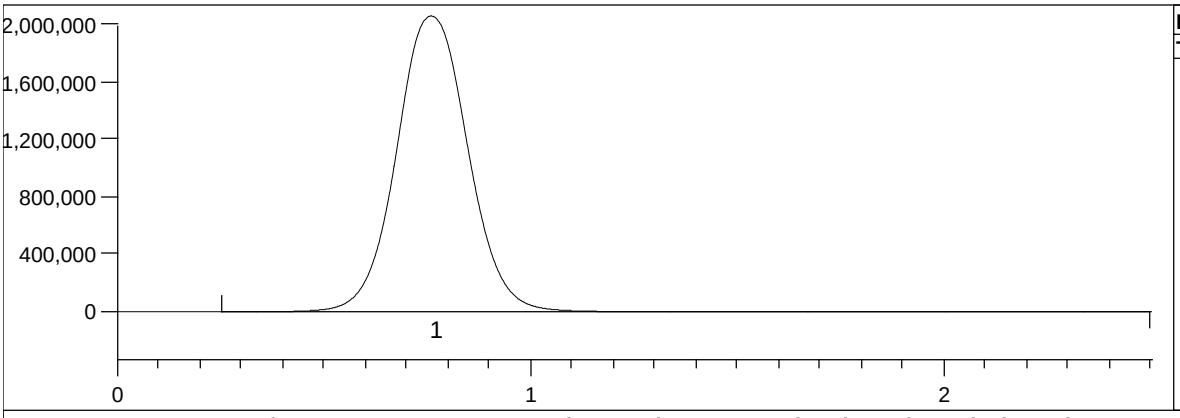
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
100	Y	S	1248003-03		1	1,526,117	142	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 12:58 AM

Peak	rt	Area
1	0.82	413,578

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
101	X	S	1248003-04		1	413,578	36.1	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 1:05 AM

Peak	rt	Area
1	0.76	>250,142,245

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
102	Y	S	1248003-09		1	>250,142,245	23,800	0.00		< HS	reject
Notes											

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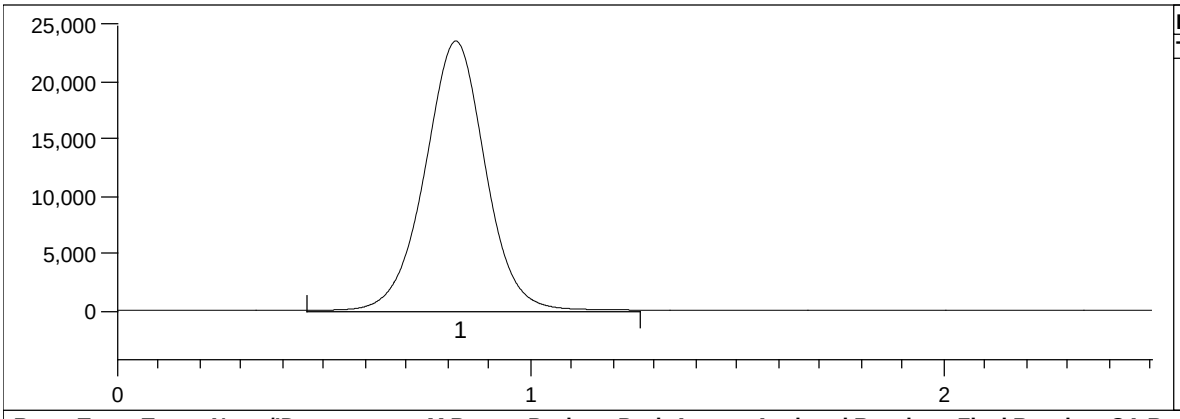
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

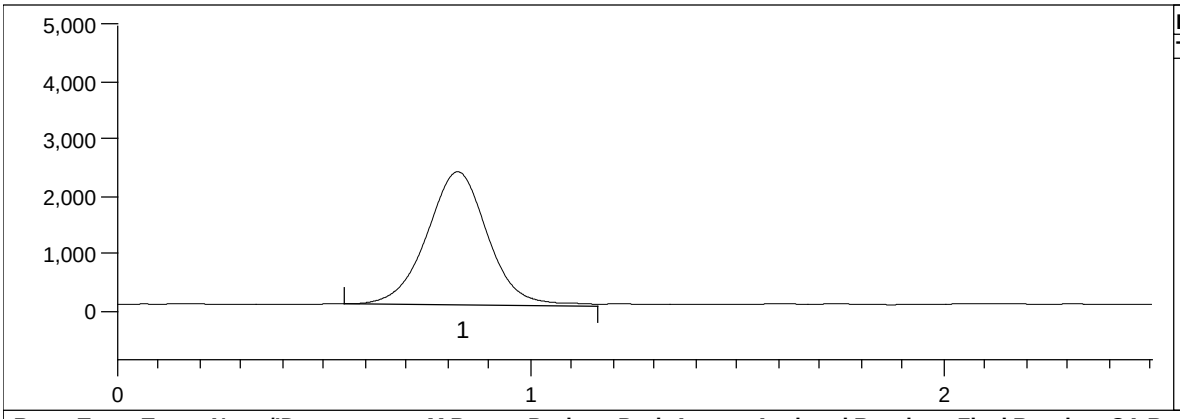
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 1:12 AM

Peak	rt	Area
1	0.81	2,383,473

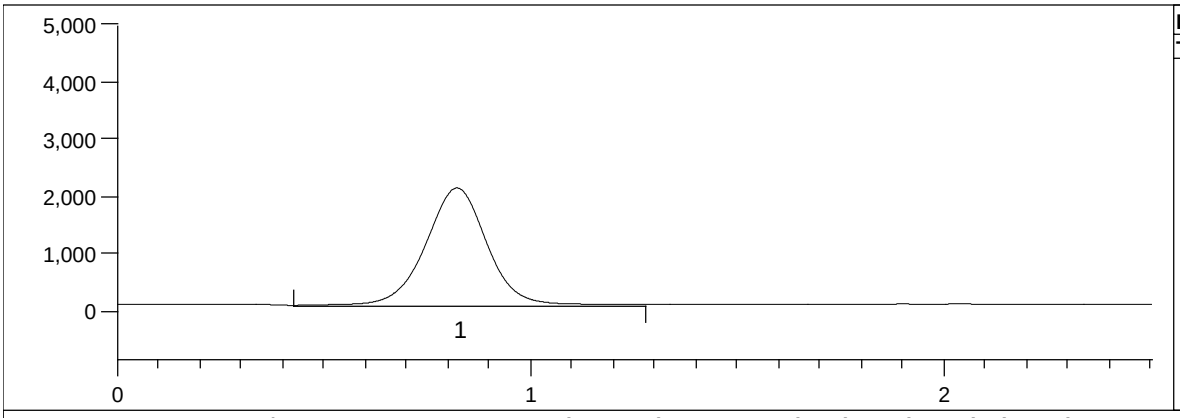
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
103	X	S	1248003-10		1	2,383,473	224	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 1:19 AM

Peak	rt	Area
1	0.82	232,908

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
104	Y	S	1248001-01		1	232,908	18.9	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 1:26 AM

Peak	rt	Area
1	0.82	210,771

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
105	X	S	1248001-02		1	210,771	16.8	0.00		< HS	accept
Notes											

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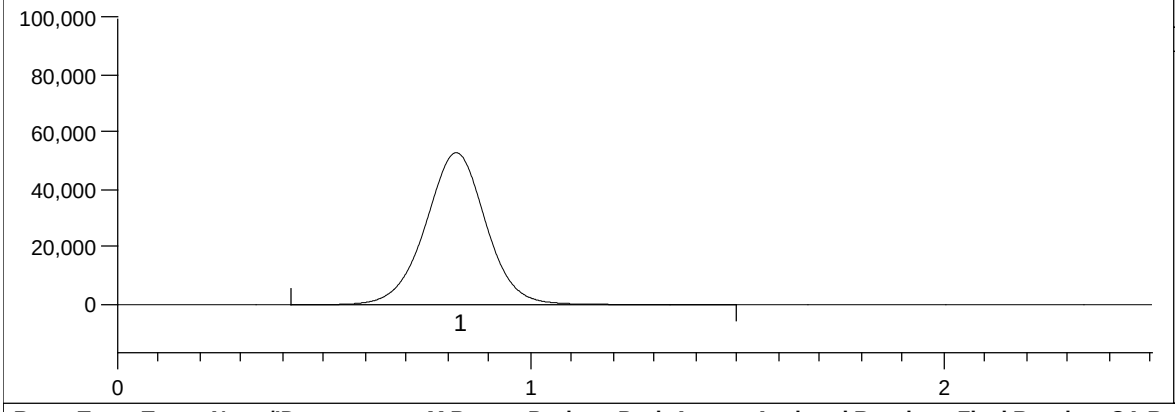
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

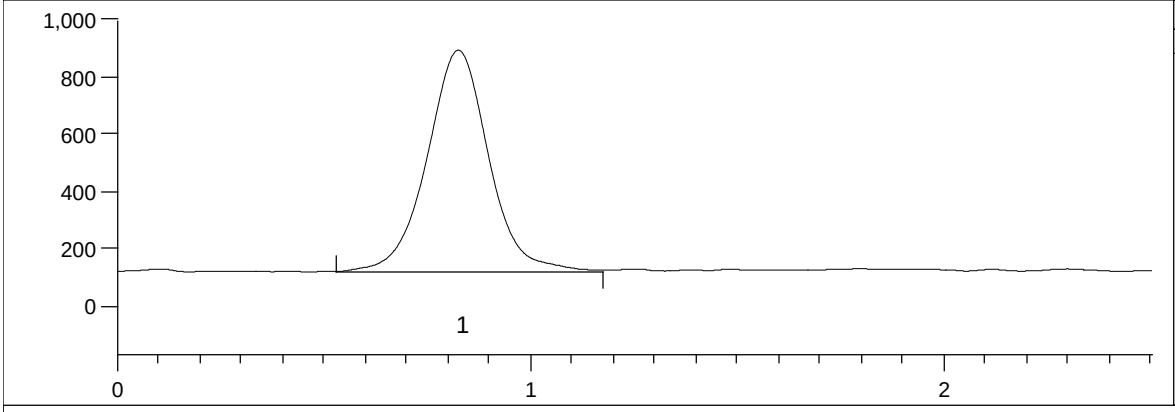
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 1:33 AM

Peak	rt	Area
1	0.82	5,406,737

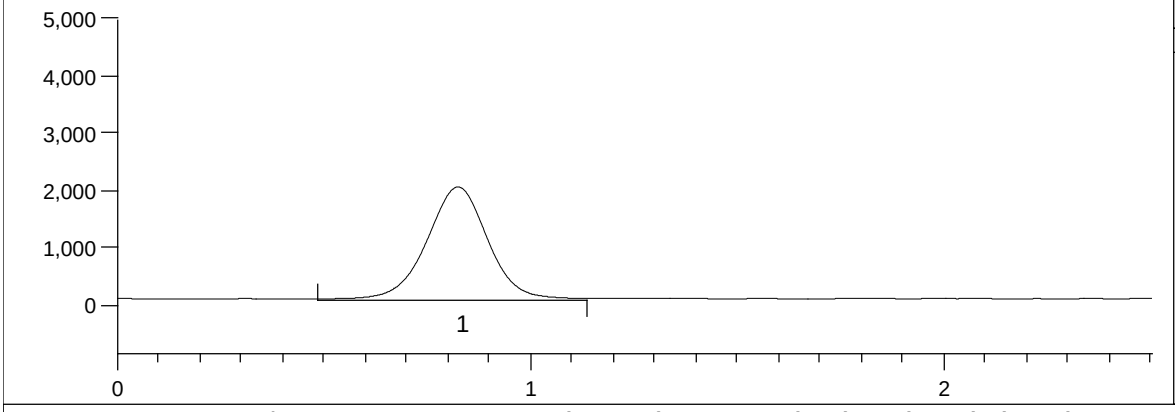
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
106	Y	CCV	SEQ-CCV		1	5,406,737	512		102	77-123	accept
Notes											



Date: 12/4/12
Time: 1:40 AM

Peak	rt	Area
1	0.82	79,399

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
107	X	CCB	SEQ-CCB		1	79,399	7.57		7.57	< 10	accept
Notes											



Date: 12/4/12
Time: 1:47 AM

Peak	rt	Area
1	0.82	197,725

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
108	Y	S	1248015-01		1	197,725	15.5	0.00		< HS	accept
Notes											

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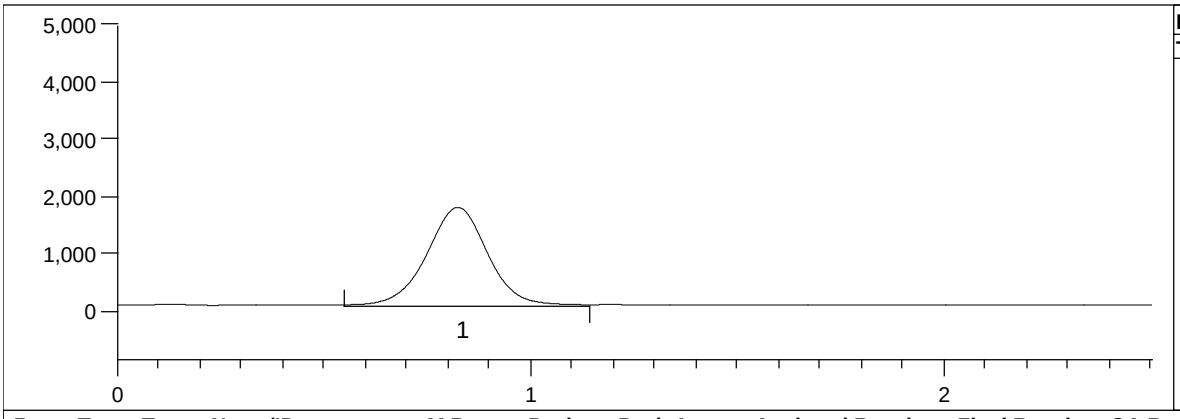
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

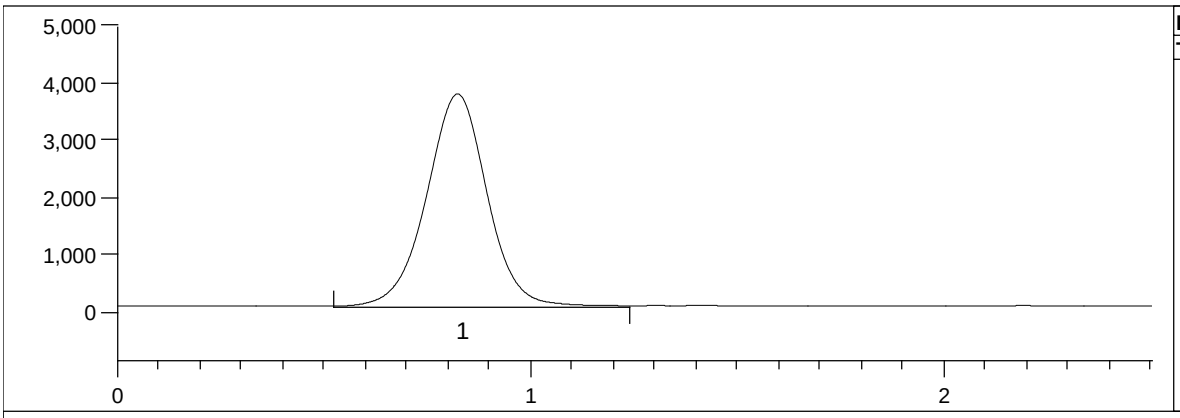


Date: 12/4/12
Time: 1:54 AM

Peak	rt	Area
1	0.82	171,525

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
109	X	S	1248015-02		1	171,525	13.0	0.00		< HS	accept

Notes

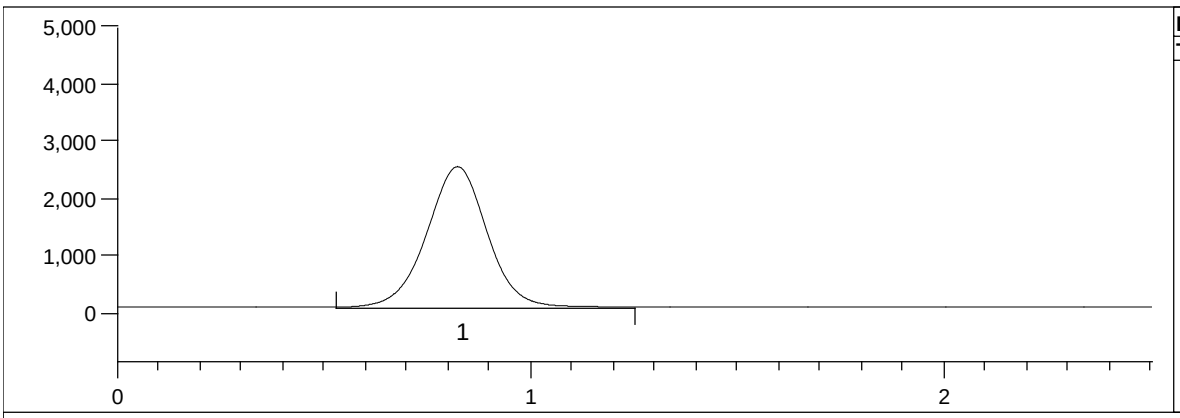


Date: 12/4/12
Time: 2:01 AM

Peak	rt	Area
1	0.82	375,465

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
110	Y	S	1247008-01		1	375,465	32.5	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 2:08 AM

Peak	rt	Area
1	0.82	248,939

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
111	X	S	1247008-02		1	248,939	20.4	0.00		< HS	accept

Notes

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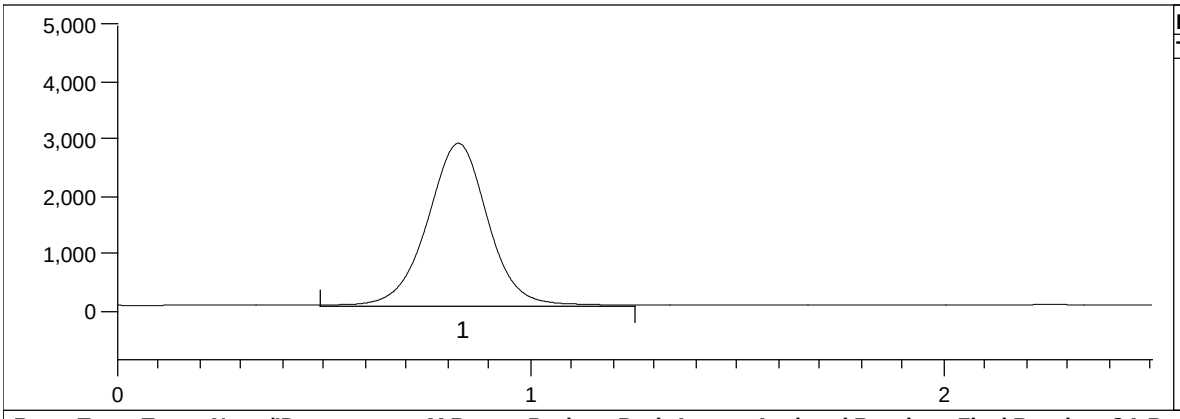
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

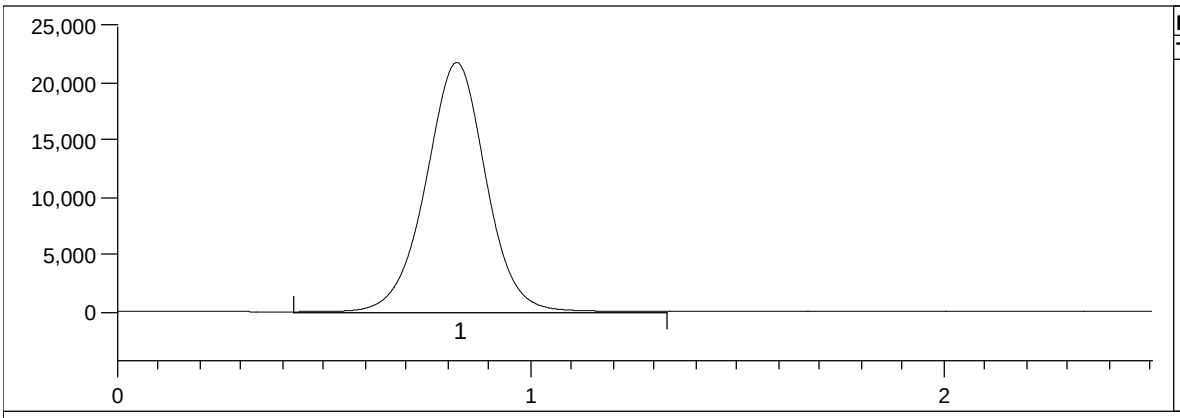


Date: 12/4/12
Time: 2:15 AM

Peak	rt	Area
1	0.82	286,235

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
112	Y	S	1248009-01		1	286,235	24.0	0.00		< HS	accept

Notes

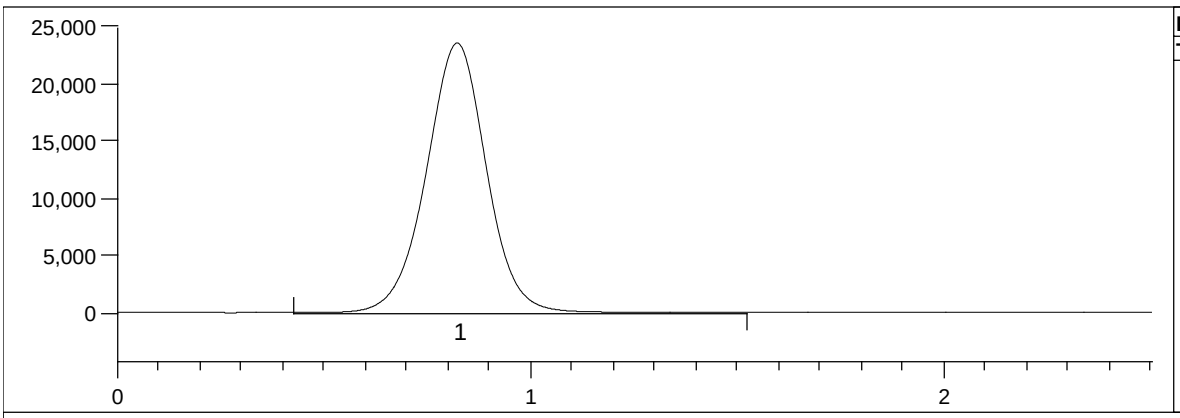


Date: 12/4/12
Time: 2:22 AM

Peak	rt	Area
1	0.82	2,199,364

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
113	X	S	B122215-MS2		1	2,199,364	206	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 2:29 AM

Peak	rt	Area
1	0.82	2,387,170

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
114	Y	S	B122215-MSD2		1	2,387,170	224	0.00		< HS	accept

Notes

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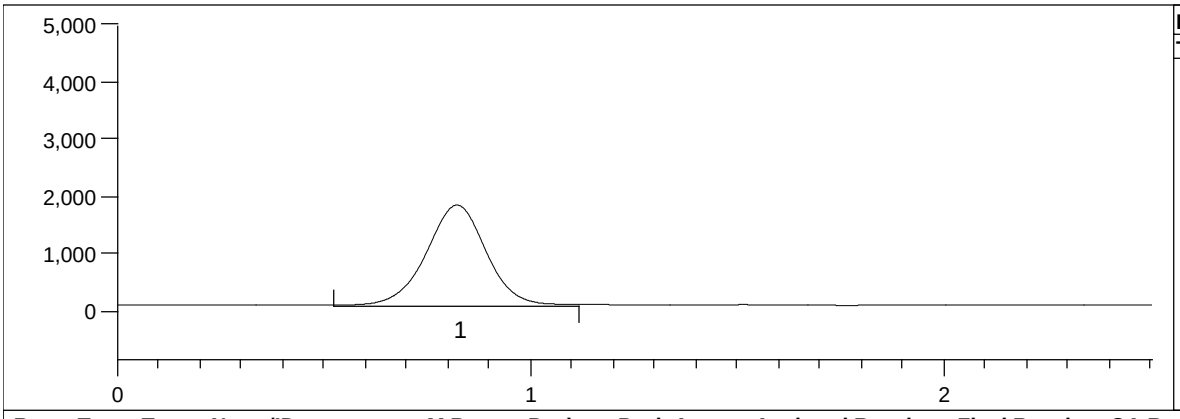
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

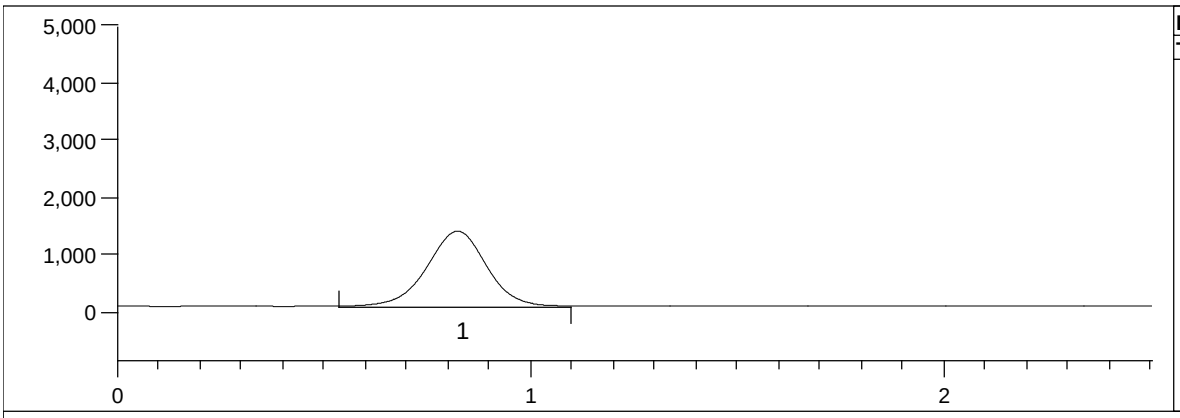


Date: 12/4/12
Time: 2:36 AM

Peak	rt	Area
1	0.82	174,277

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
115	X	S	1248009-02		1	174,277	13.3	0.00		< HS	accept

Notes

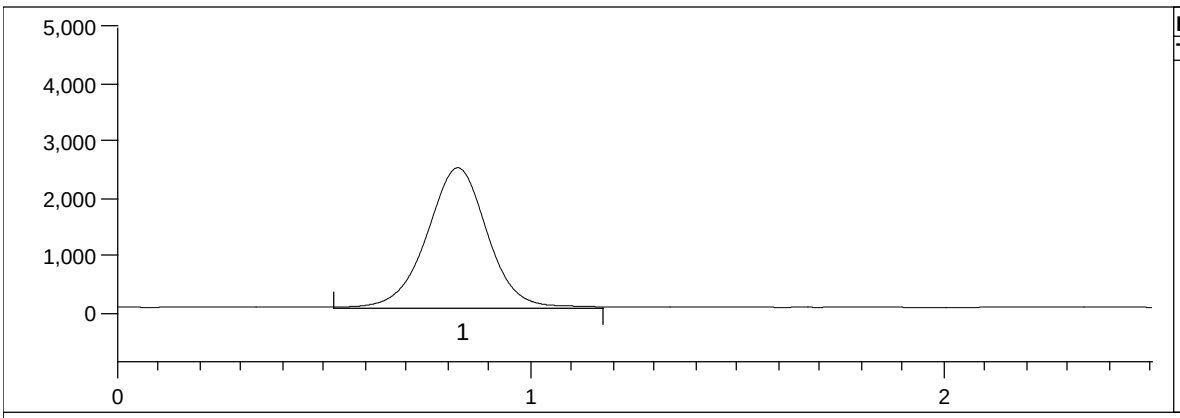


Date: 12/4/12
Time: 2:43 AM

Peak	rt	Area
1	0.82	130,210

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
116	Y	S	1248009-03		1	130,210	9.09	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 2:50 AM

Peak	rt	Area
1	0.82	245,011

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
117	X	S	1248009-04		1	245,011	20.0	0.00		< HS	accept

Notes

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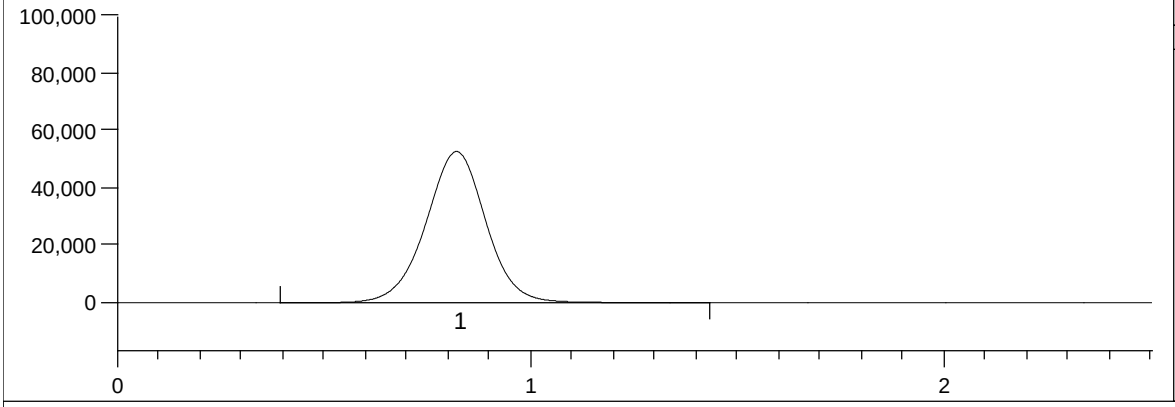
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

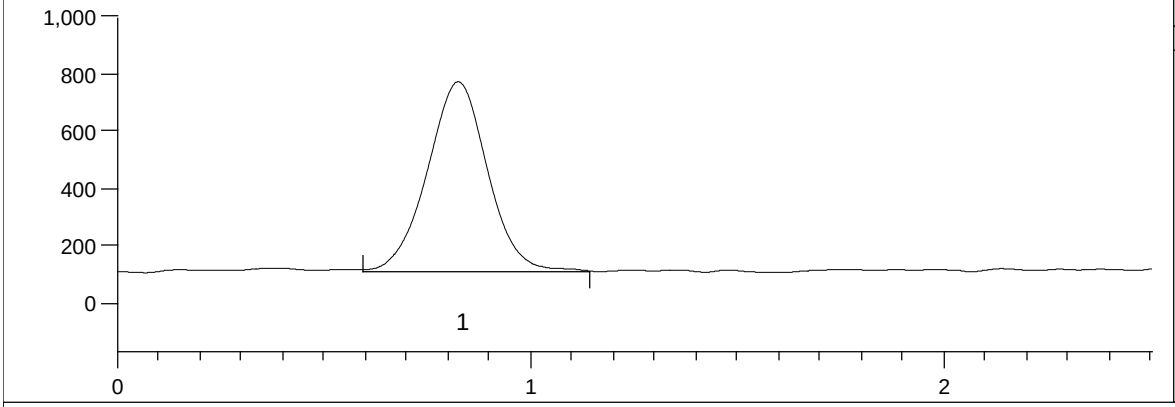
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 2:57 AM

Peak	rt	Area
1	0.82	5,352,945

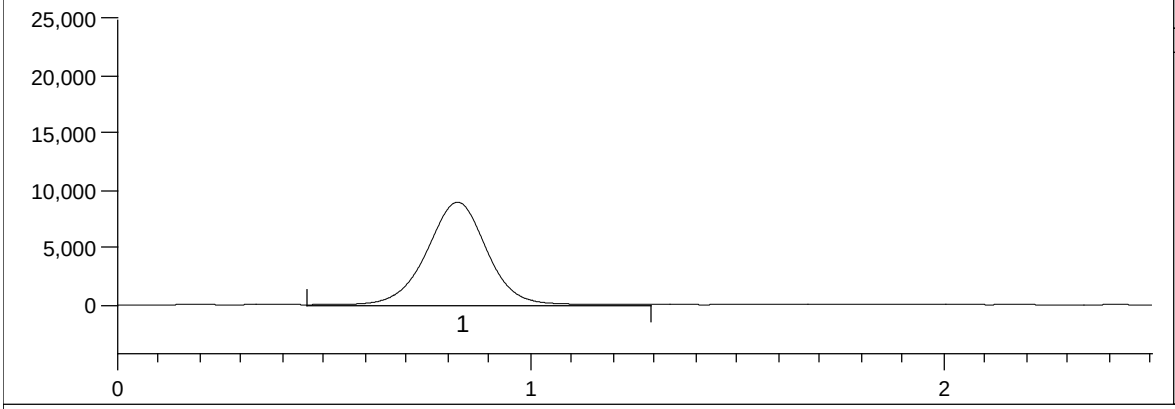
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
118	Y	CCV	SEQ-CCV		1	5,352,945	507		101	77-123	accept
Notes											



Date: 12/4/12
Time: 3:04 AM

Peak	rt	Area
1	0.82	65,871

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
119	X	CCB	SEQ-CCB		1	65,871	6.28		6.28	< 10	accept
Notes											



Date: 12/4/12
Time: 3:11 AM

Peak	rt	Area
1	0.82	901,338

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
120	Y	S	1247011-02		1	901,338	82.6	0.00		< HS	accept
Notes											

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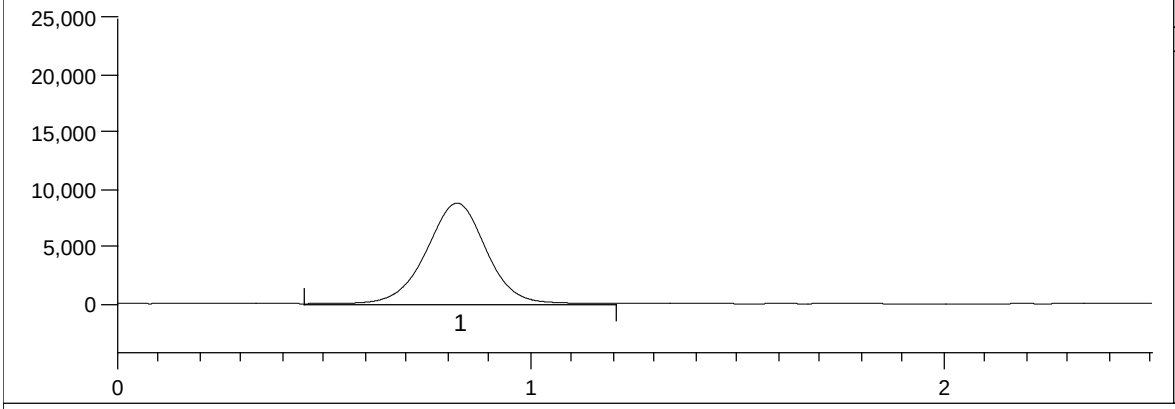
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

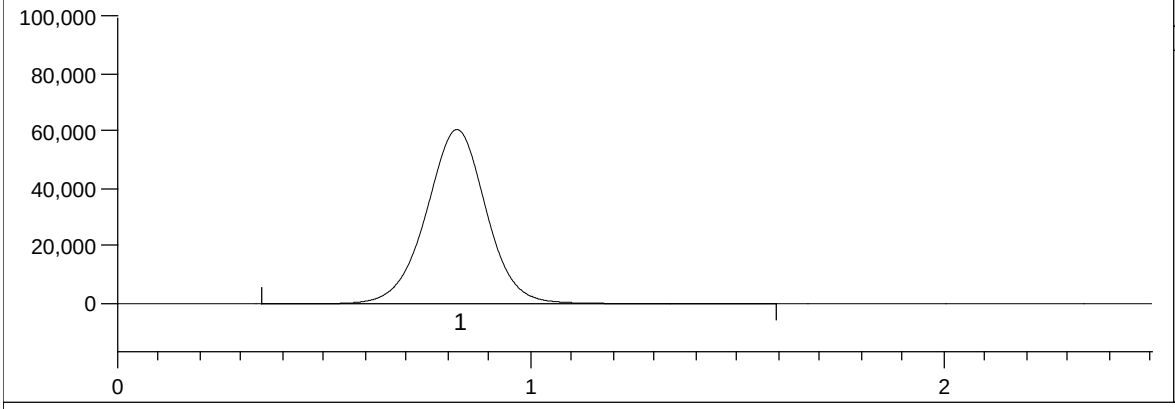


Date: 12/4/12
Time: 3:18 AM

Peak	rt	Area
1	0.82	882,956

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
121	X	S	1248002-01		1	882,956	80.8	0.00		< HS	accept

Notes

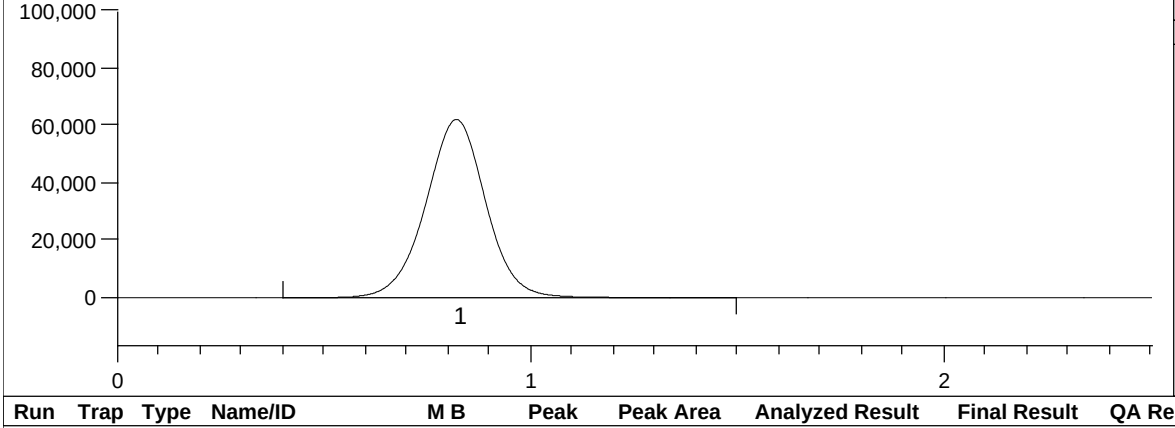


Date: 12/4/12
Time: 3:25 AM

Peak	rt	Area
1	0.82	6,160,033

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
122	Y	S	B122215-MS3		1	6,160,033	584	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 3:32 AM

Peak	rt	Area
1	0.82	6,310,238

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
123	X	S	B122215-MSD3		1	6,310,238	598	0.00		< HS	accept

Notes

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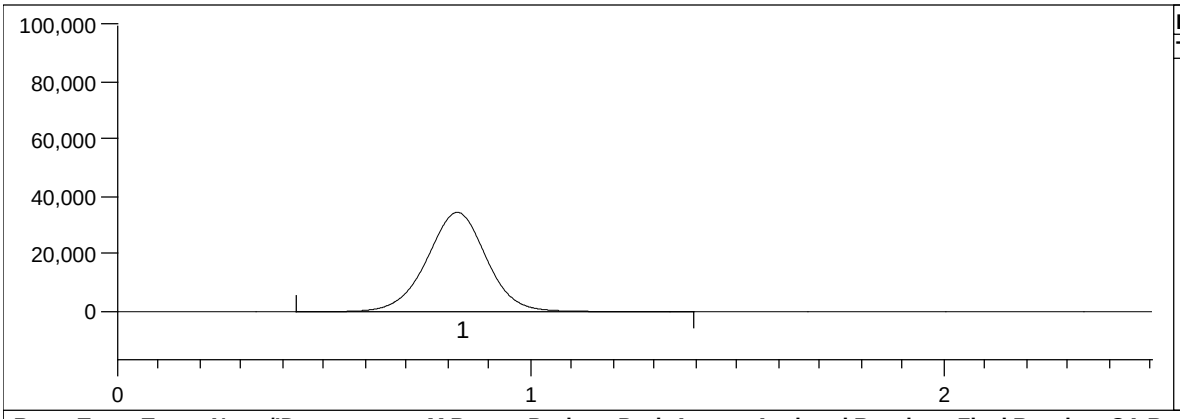
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

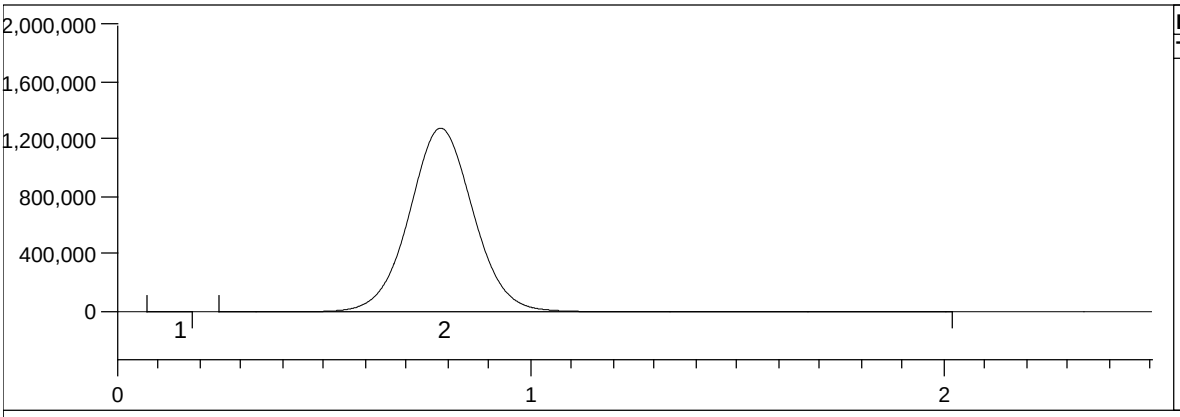
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 3:39 AM

Peak	rt	Area
1	0.82	3,496,978

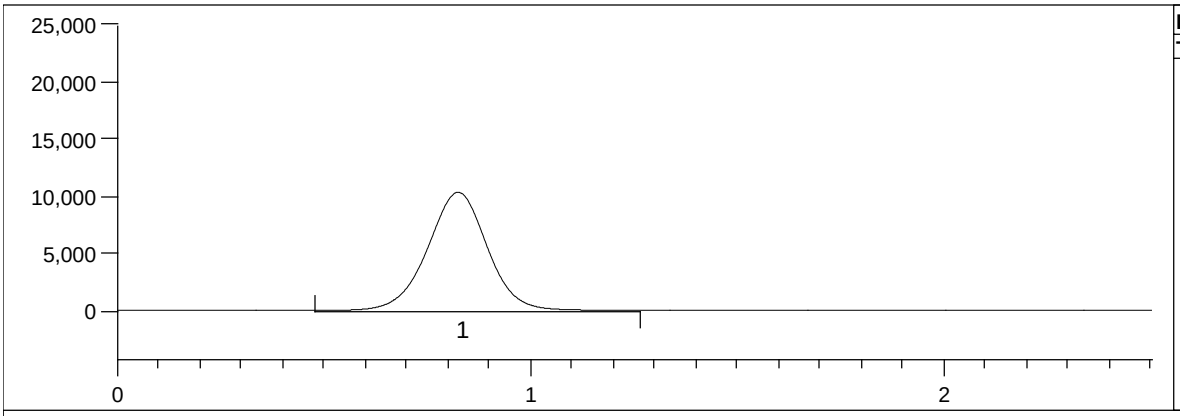
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
124	Y	S	1248002-02		1	3,496,978	330.	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 3:46 AM

Peak	rt	Area
1	0.14	345
2	0.78	139,544,757

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
125	X	S	1248003-01		2	139,544,757	13,300	0.00		< HS	reject
Notes											



Date: 12/4/12
Time: 3:53 AM

Peak	rt	Area
1	0.82	1,039,788

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
126	Y	S	1248003-02		1	1,039,788	95.8	0.00		< HS	accept
Notes											

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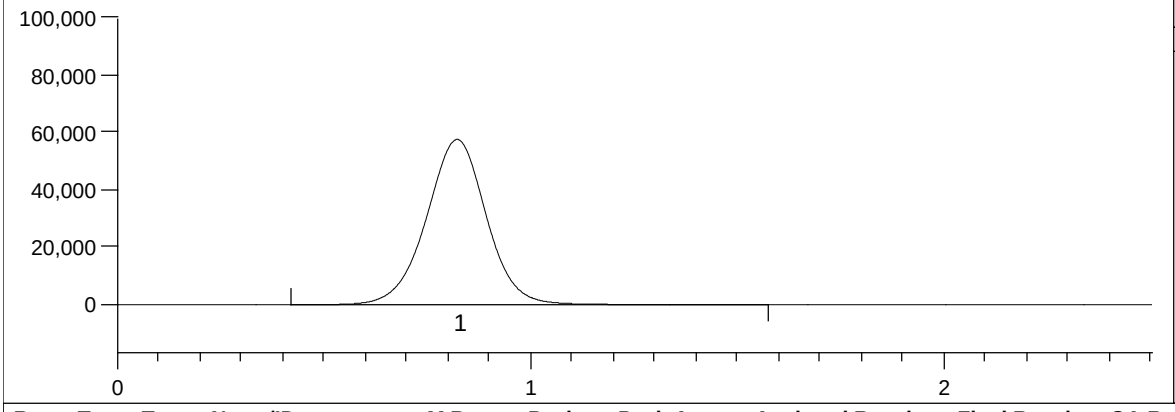
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

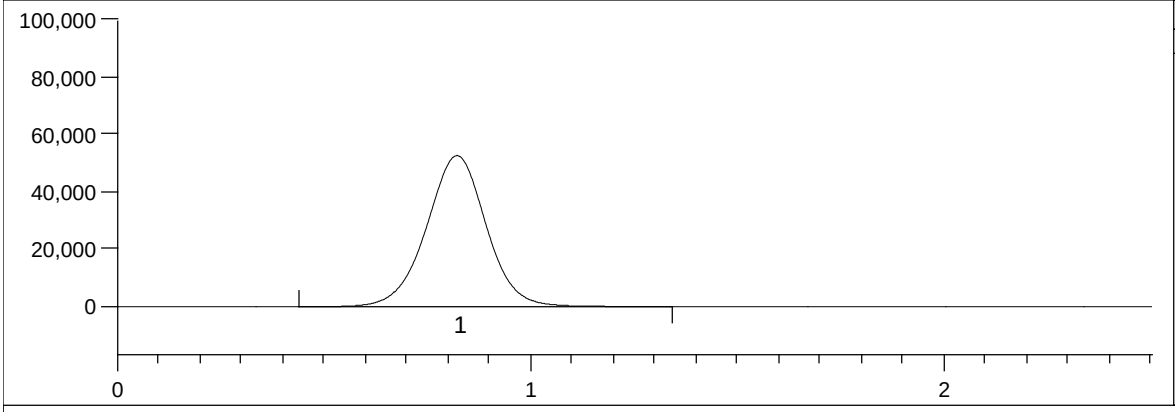


Date: 12/4/12
Time: 4:00 AM

Peak	rt	Area
1	0.82	5,841,162

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
127	X	S	1248002-05		1	5,841,162	553	0.00		< HS	accept

Notes

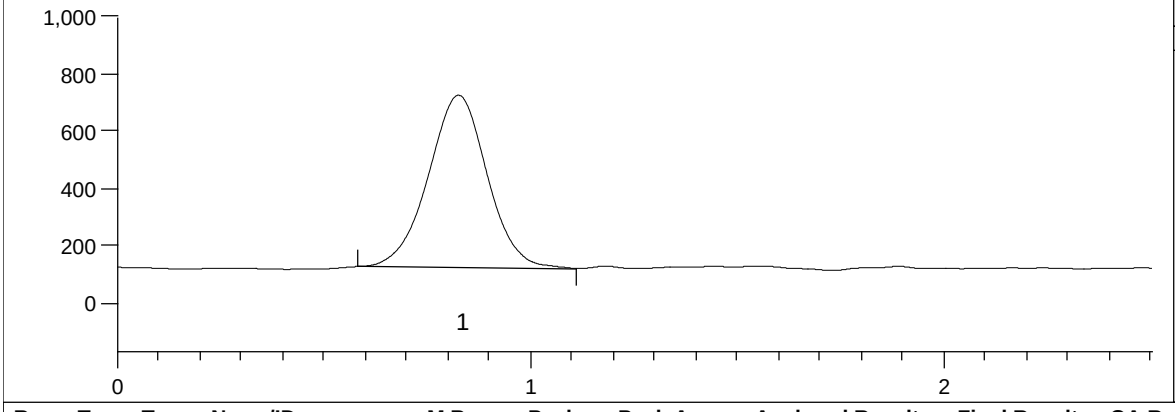


Date: 12/4/12
Time: 4:07 AM

Peak	rt	Area
1	0.82	5,320,497

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
128	Y	CCV	SEQ-CCV		1	5,320,497	504		101	77-123	accept

Notes



Date: 12/4/12
Time: 4:14 AM

Peak	rt	Area
1	0.82	59,428

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
129	X	CCB	SEQ-CCB		1	59,428	5.66		5.66	< 10	accept

Notes

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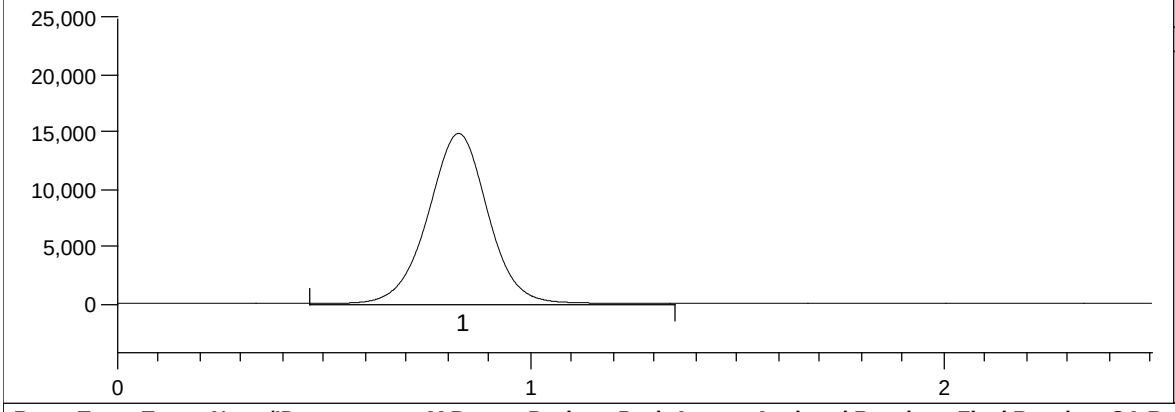
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

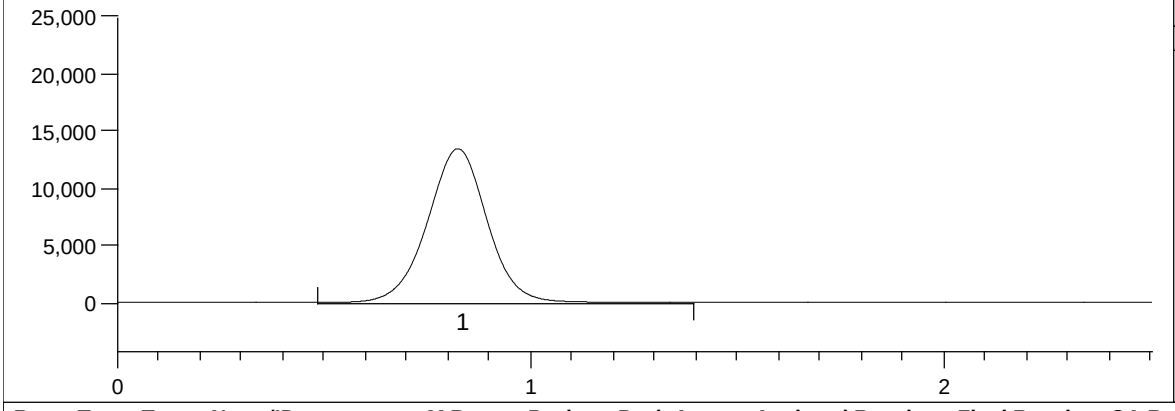
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 4:21 AM

Peak	rt	Area
1	0.82	1,498,007

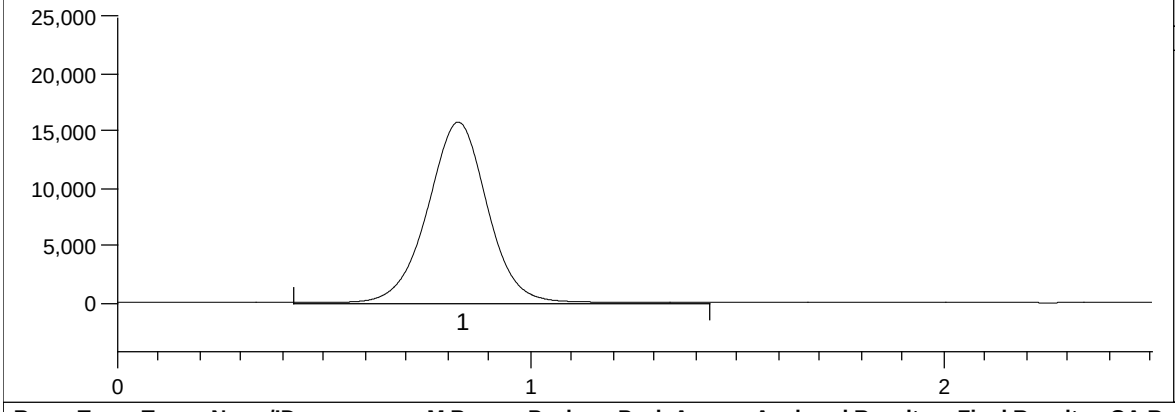
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
130	Y	S	1248006-01RE1		1	1,498,007	139	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 4:28 AM

Peak	rt	Area
1	0.82	1,351,874

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
131	X	S	1248006-03RE1		1	1,351,874	125	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 4:35 AM

Peak	rt	Area
1	0.82	1,582,642

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
132	Y	S	B122218-DUP2		1	1,582,642	147	0.00		< HS	accept
Notes											

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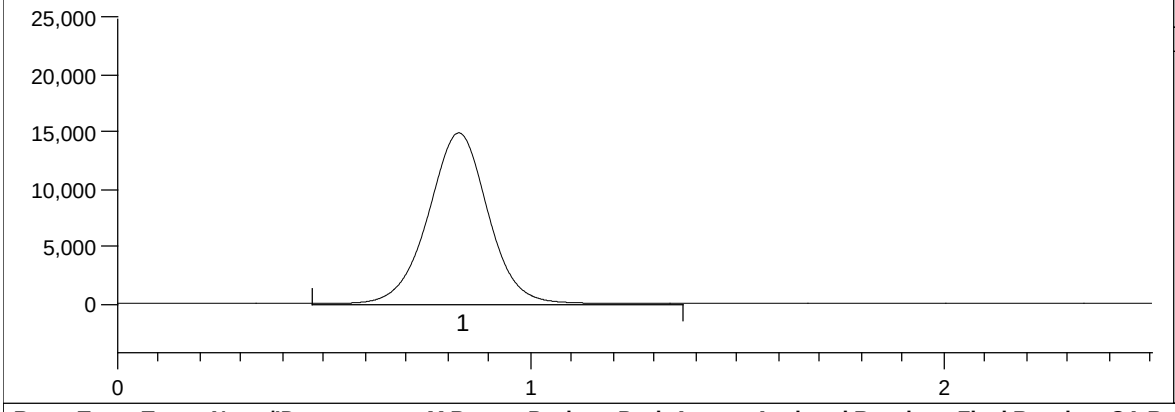
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

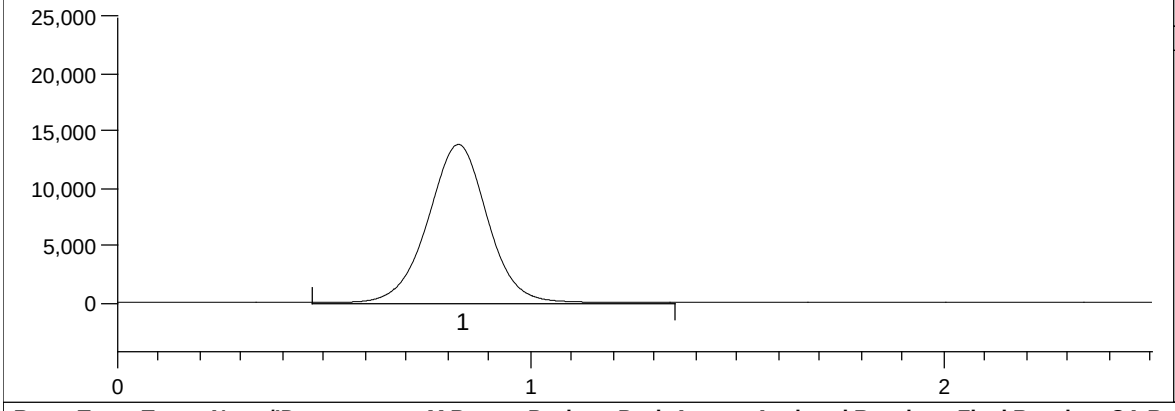
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 4:42 AM

Peak	rt	Area
1	0.82	1,496,378

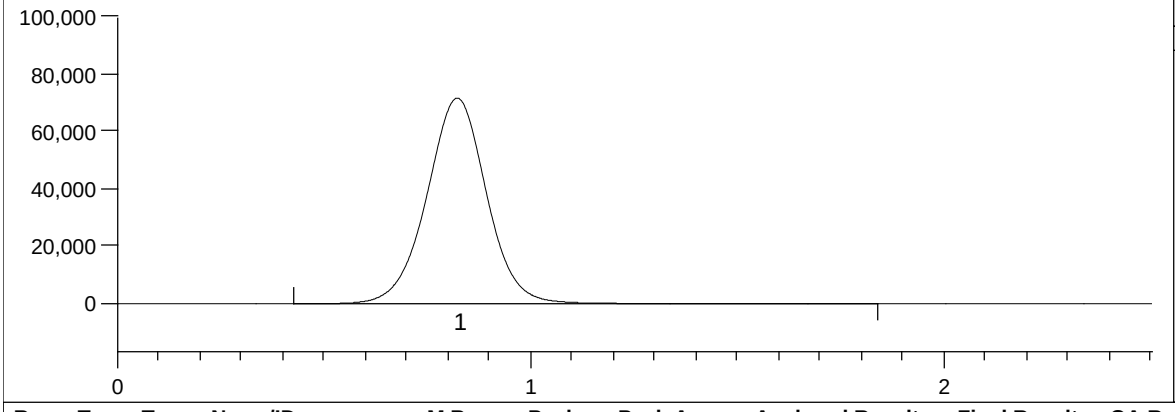
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
133	X	S	B122218-MS2		1	1,496,378	139	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 4:49 AM

Peak	rt	Area
1	0.82	1,384,294

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
134	Y	S	B122218-MSD2		1	1,384,294	129	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 4:56 AM

Peak	rt	Area
1	0.82	7,237,919

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
135	X	S	B122218-PS1		1	7,237,919	686	0.00		< HS	accept
Notes											

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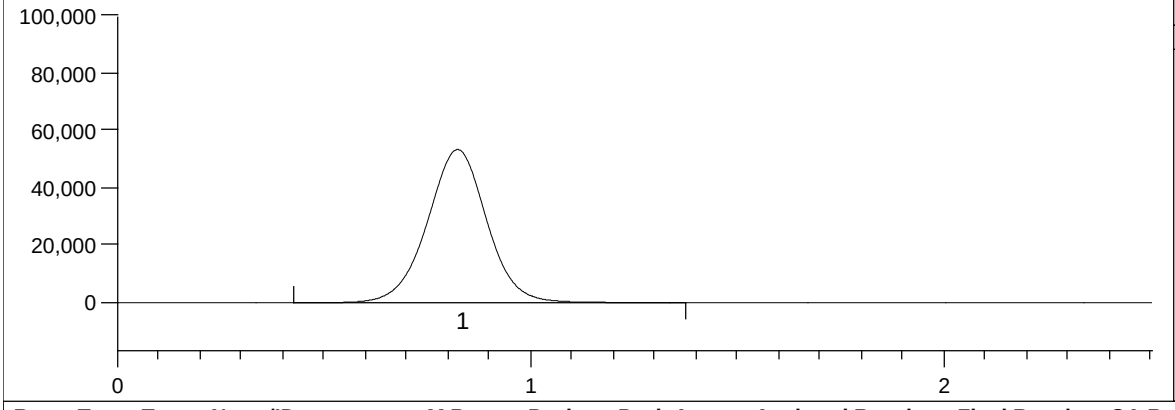
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

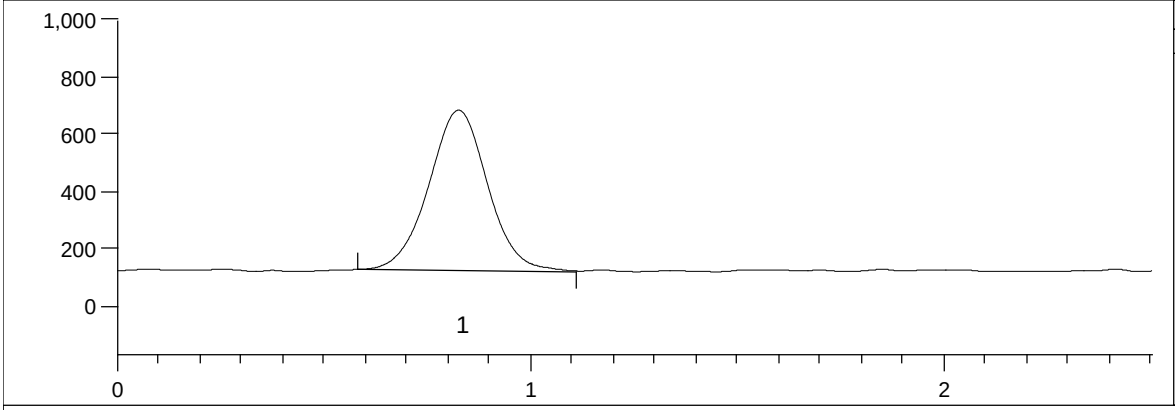
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 5:03 AM

Peak	rt	Area
1	0.82	5,366,092

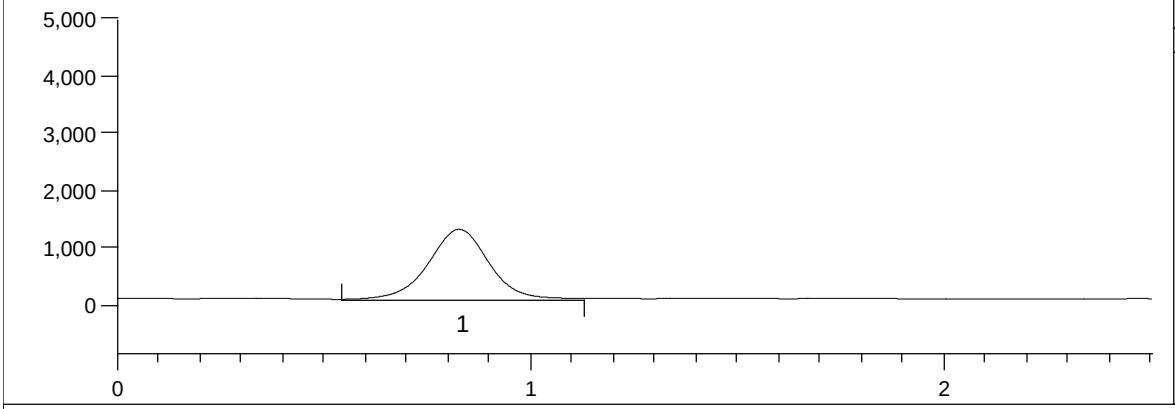
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
136	Y	CCV	SEQ-CCV		1	5,366,092	508		102	77-123	accept
Notes											



Date: 12/4/12
Time: 5:10 AM

Peak	rt	Area
1	0.82	55,173

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
137	X	CCB	SEQ-CCB		1	55,173	5.26		5.26	< 10	accept
Notes											



Date: 12/4/12
Time: 5:17 AM

Peak	rt	Area
1	0.82	122,498

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
138	Y	S	B122133-BLK1		1	122,498	8.35	0.00		< HS	accept
Notes											

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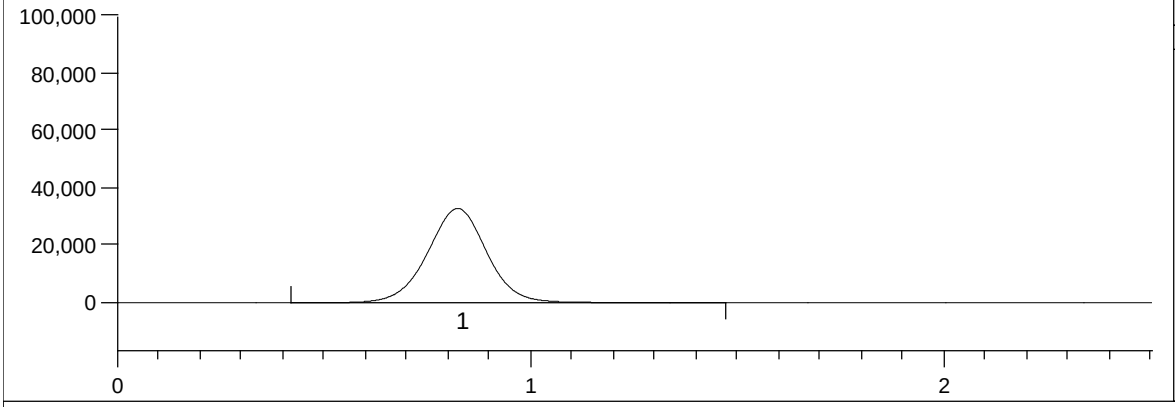
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

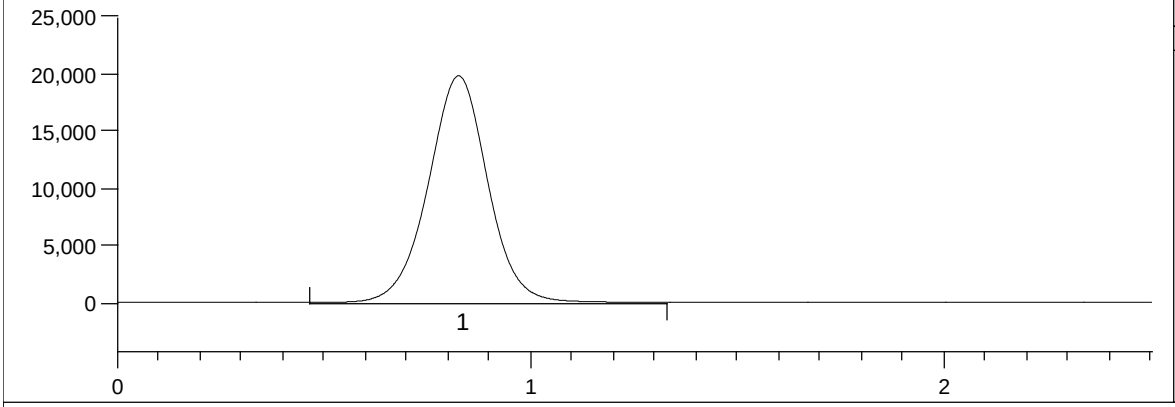
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 5:24 AM

Peak	rt	Area
1	0.82	3,299,068

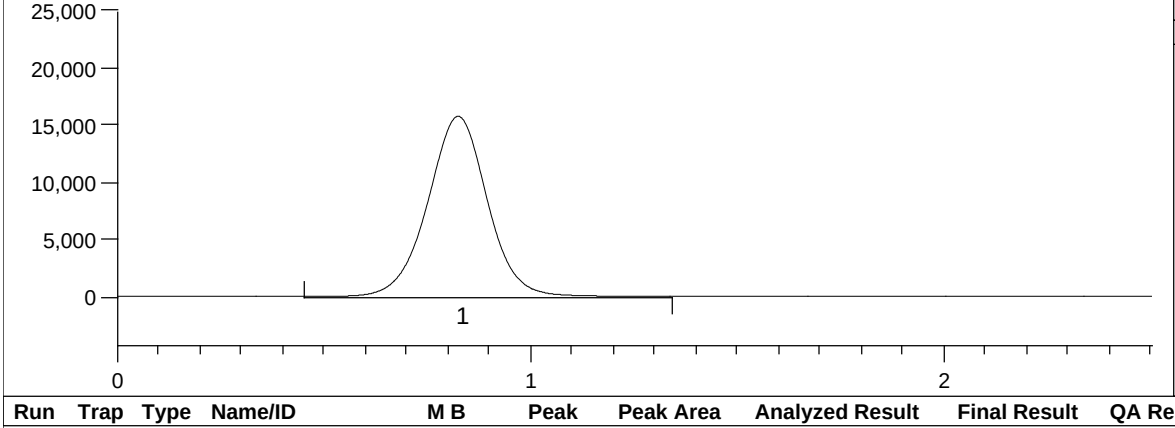
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
139	X	S	B122133-BLK2		1	3,299,068	311	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 5:31 AM

Peak	rt	Area
1	0.82	1,979,287

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
140	Y	S	B122133-BLK3		1	1,979,287	185	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 5:38 AM

Peak	rt	Area
1	0.82	1,579,326

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
141	X	S	B122133-BLK4		1	1,579,326	147	0.00		< HS	accept
Notes											

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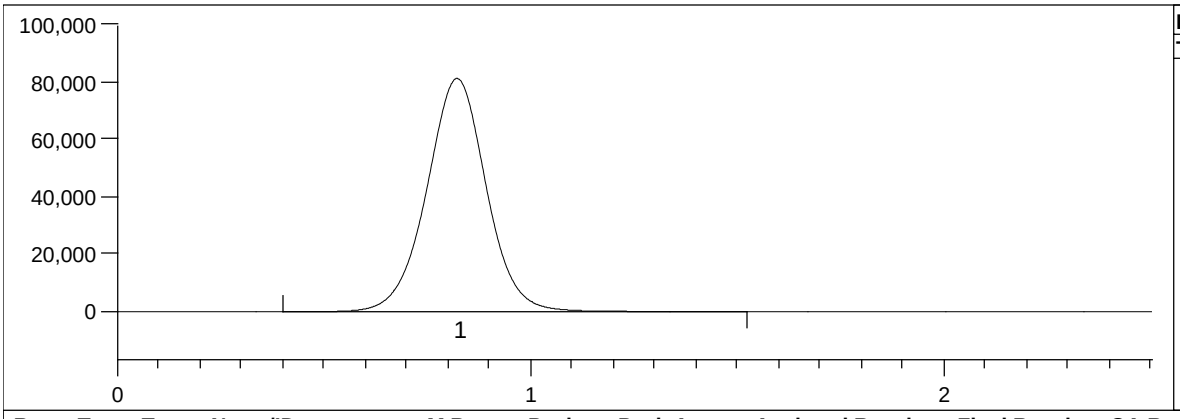
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

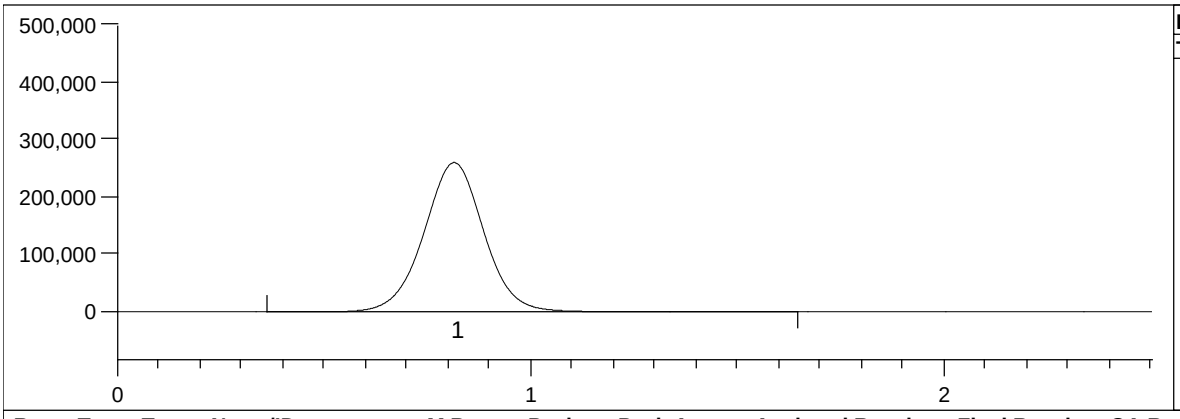
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 5:45 AM

Peak	rt	Area
1	0.82	8,182,520

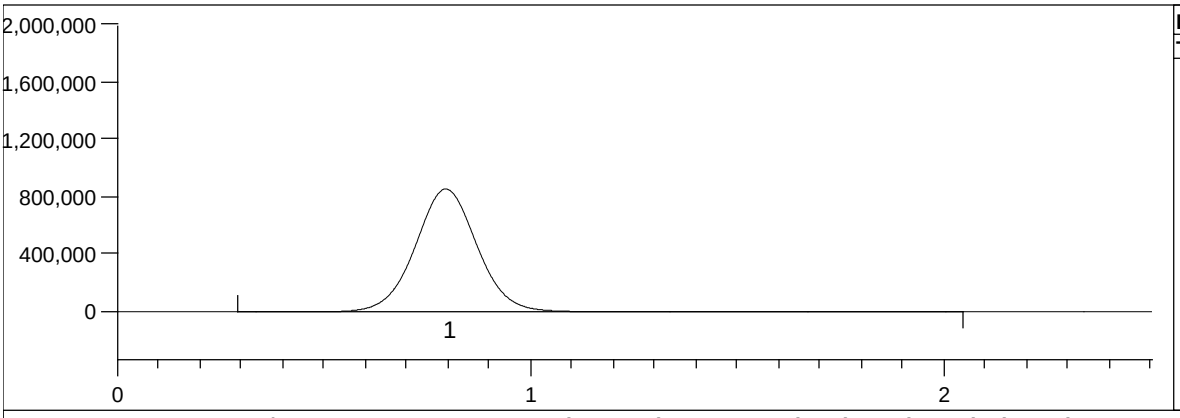
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
142	Y	S	B122133-SRM1		1	8,182,520	776	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 5:52 AM

Peak	rt	Area
1	0.81	26,494,225

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
143	X	S	B122133-SRM2		1	26,494,225	2,520	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 5:59 AM

Peak	rt	Area
1	0.79	90,187,688

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
144	Y	S	B122133-SRM3		1	90,187,688	8,590	0.00		< HS	accept
Notes											

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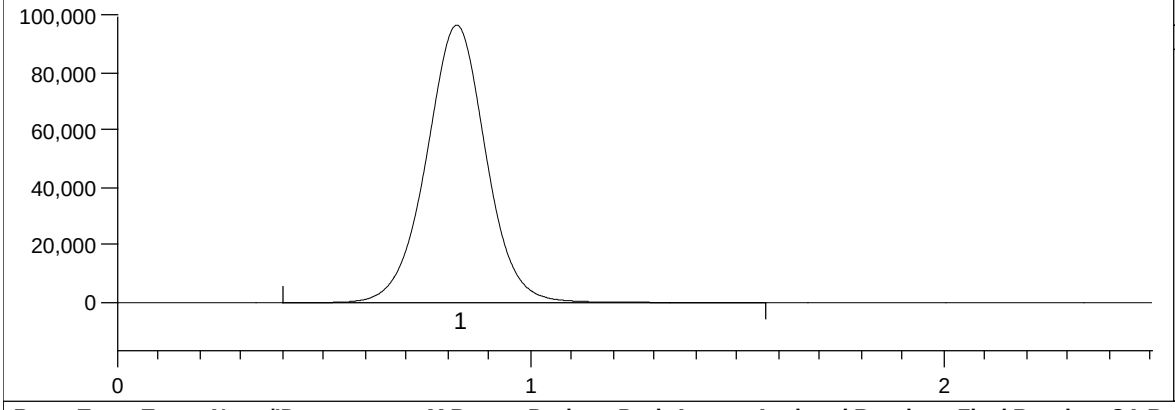
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

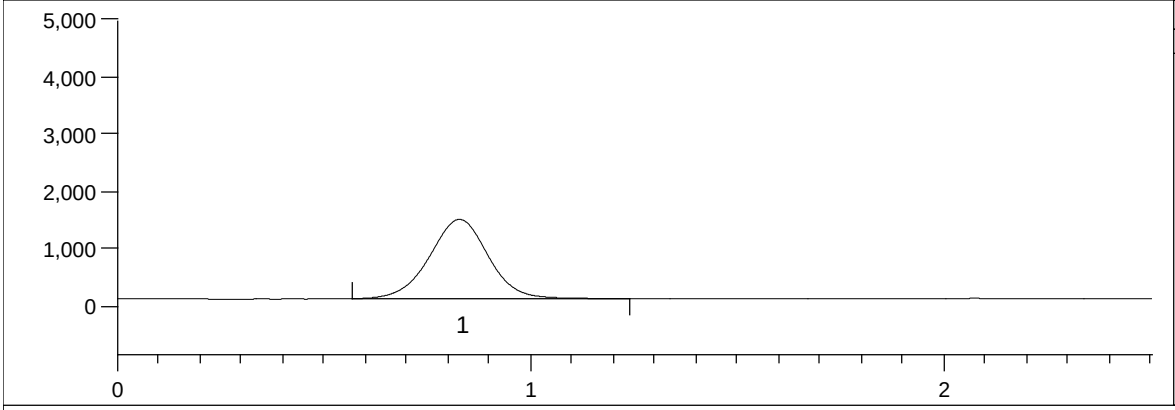
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 6:06 AM

Peak	rt	Area
1	0.82	9,724,984

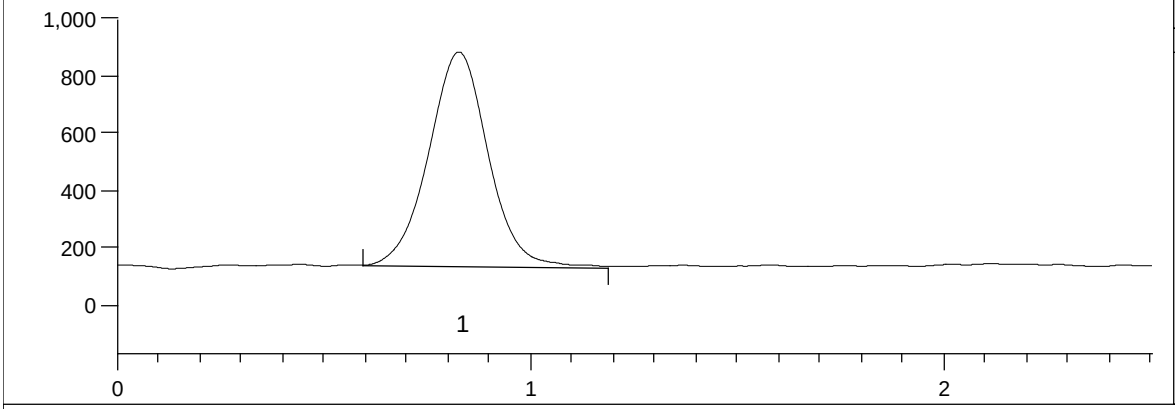
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
145	X	S	B122133-SRM4		1	9,724,984	923	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 6:13 AM

Peak	rt	Area
1	0.82	137,466

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
146	Y	S	1245015-01		1	137,466	9.78	0.00		< HS	accept
Notes											



Date: 12/4/12
Time: 6:20 AM

Peak	rt	Area
1	0.82	74,035

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
147	X	S	1245015-02		1	74,035	3.74	0.00		< HS	accept
Notes											

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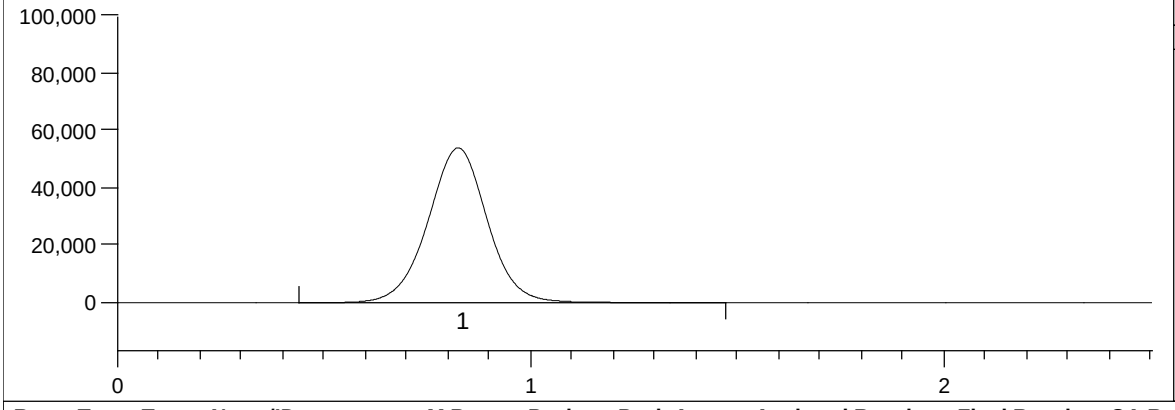
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

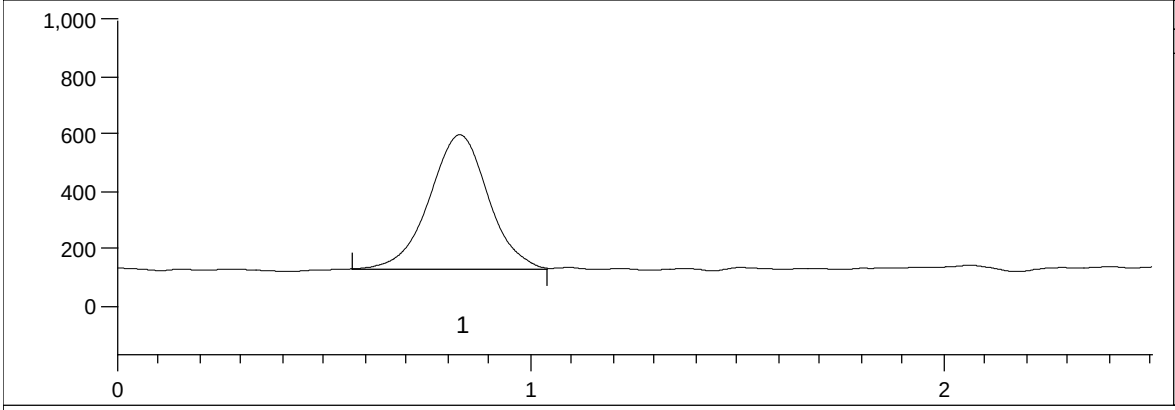
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 6:27 AM

Peak	rt	Area
1	0.82	5,407,188

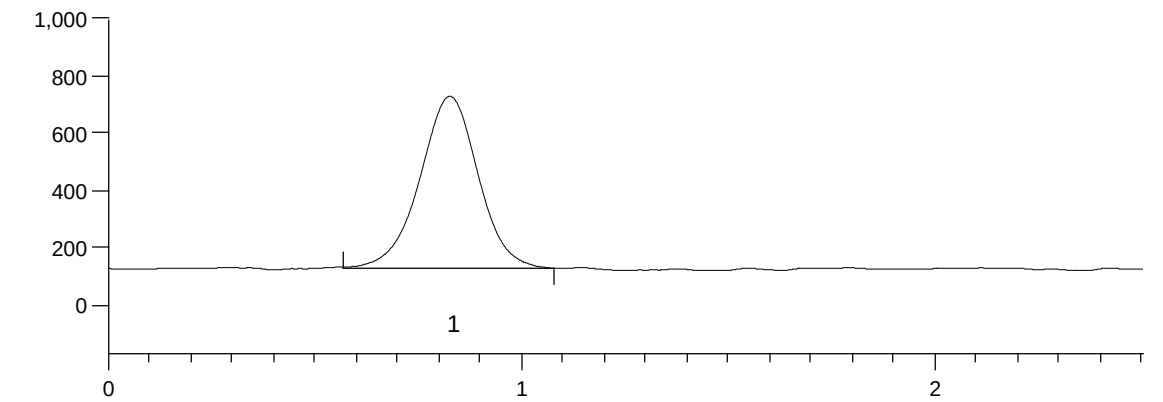
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
148	Y	CCV	SEQ-CCV		1	5,407,188	512		102	77-123	accept
Notes											



Date: 12/4/12
Time: 6:34 AM

Peak	rt	Area
1	0.82	46,219

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
149	X	CCB	SEQ-CCB		1	46,219	4.40		4.40	< 10	accept
Notes											



Date: 12/4/12
Time: 6:41 AM

Peak	rt	Area
1	0.82	58,434

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
150	Y	S	1245015-03		1	58,434	2.25	0.00		< HS	accept
Notes											

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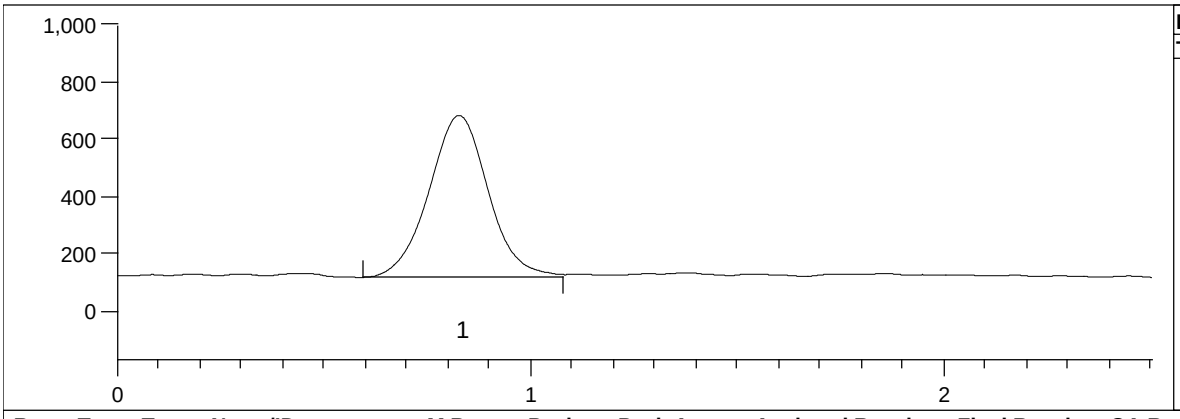
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

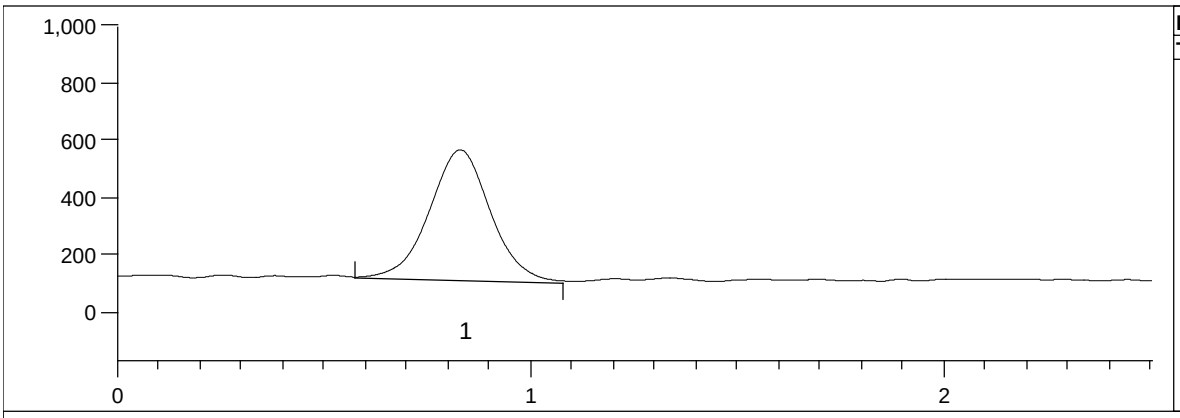


Date: 12/4/12
Time: 6:48 AM

Peak	rt	Area
1	0.82	55,511

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
151	X	S	B122133-DUP1		1	55,511	1.97	0.00		< HS	accept

Notes

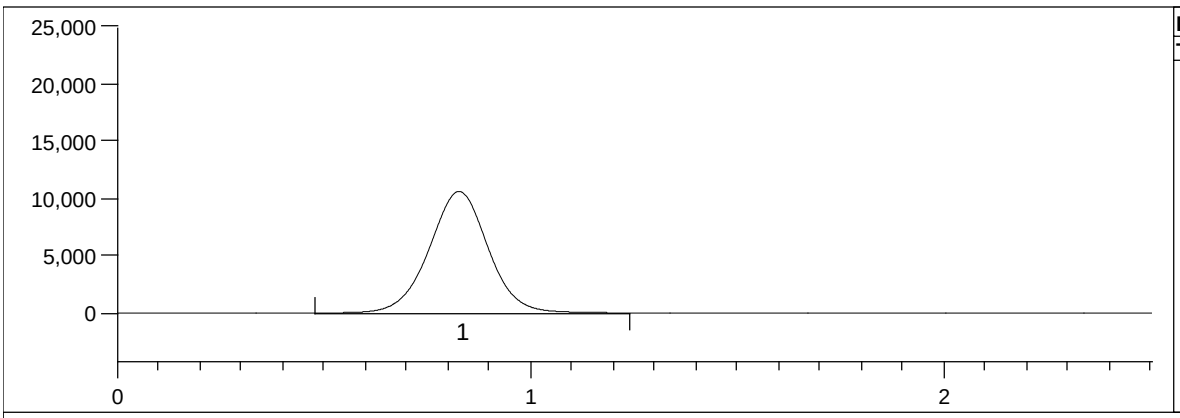


Date: 12/4/12
Time: 6:55 AM

Peak	rt	Area
1	0.82	45,491

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
152	Y	S	1245015-04		1	45,491	1.02	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 7:02 AM

Peak	rt	Area
1	0.82	1,055,480

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
153	X	S	1245015-05		1	1,055,480	97.2	0.00		< HS	accept

Notes

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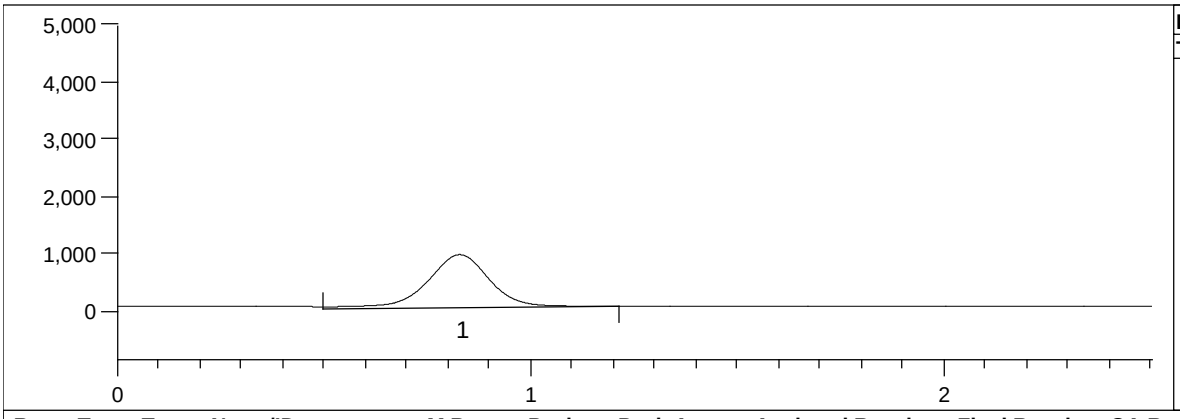
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

Date Analyzed: 12/3/12
Analyst Name: BJT

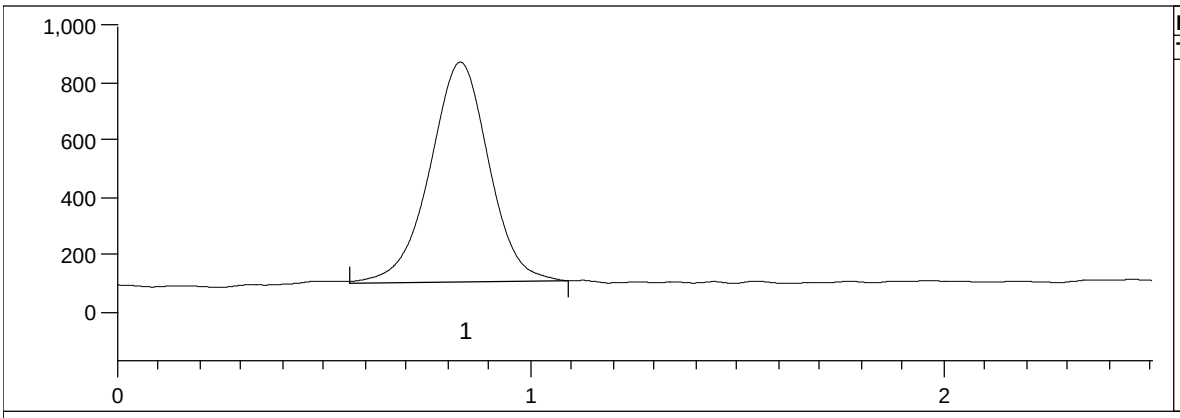


Date: 12/4/12
Time: 7:09 AM

Peak	rt	Area
1	0.82	92,315

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
154	Y	S	1246019-01		1	92,315	5.48	0.00		< HS	accept

Notes

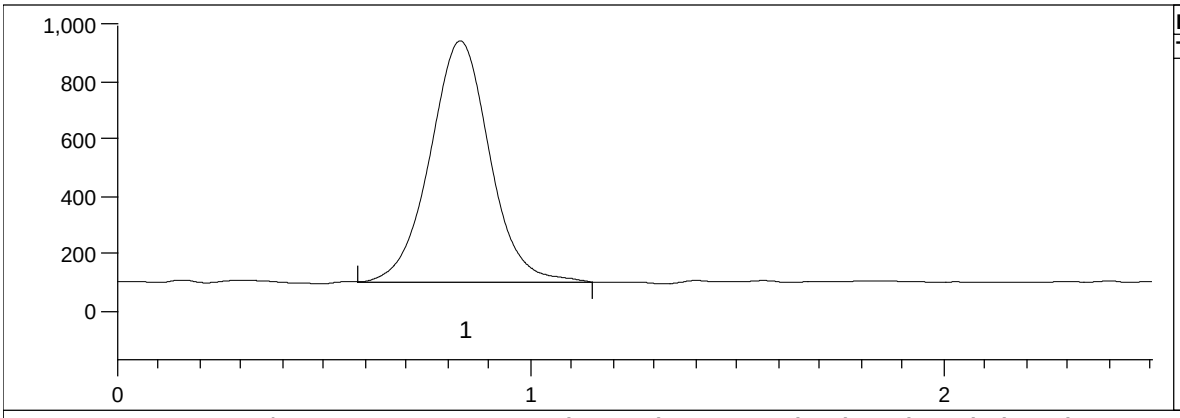


Date: 12/4/12
Time: 7:16 AM

Peak	rt	Area
1	0.82	75,295

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
155	X	S	1246019-02		1	75,295	3.86	0.00		< HS	accept

Notes



Date: 12/4/12
Time: 7:23 AM

Peak	rt	Area
1	0.82	84,609

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
156	Y	S	1246019-03		1	84,609	4.74	0.00		< HS	accept

Notes

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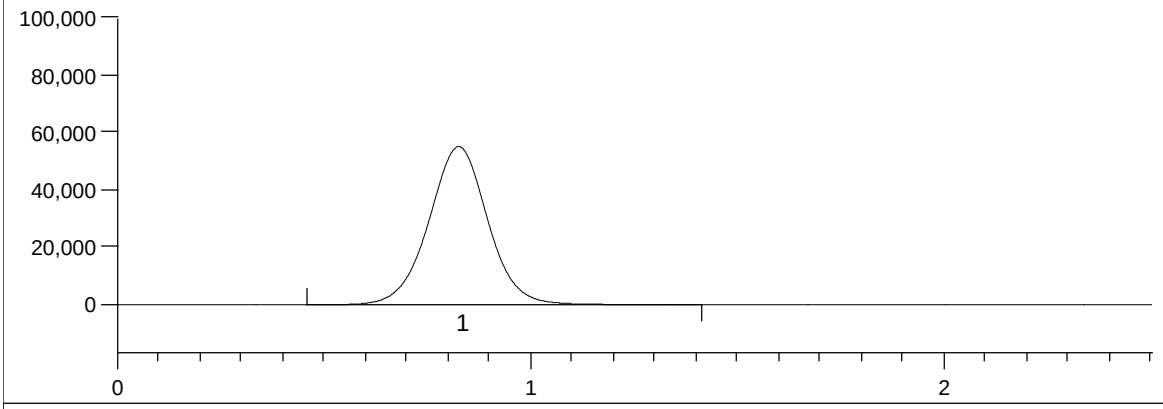
Peak Report

Batch Number: B122055, 2131, 2132, 2215, 2218, 2133
Method Number: CVAFS BR-0006

Project Number(s): 1200896
Instrument ID: THG-06

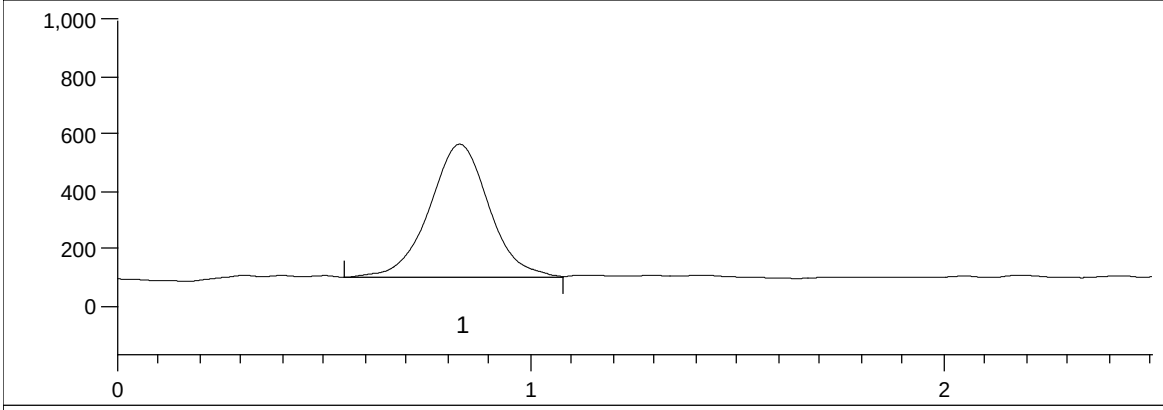
Date Analyzed: 12/3/12
Analyst Name: BJT



Date: 12/4/12
Time: 7:30 AM

Peak	rt	Area
1	0.82	5,499,150

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
157	X	CCV	SEQ-CCV		1	5,499,150	521		104	77-123	accept
Notes											



Date: 12/4/12
Time: 7:37 AM

Peak	rt	Area
1	0.82	46,584

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
158	Y	CCB	SEQ-CCB		1	46,584	4.44		4.44	< 10	accept
Notes											

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ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200923-IBL1	1200923	QC	1		-			
1200923-IBL2	1200923	QC	2		-			
1200923-IBL3	1200923	QC	3		-			
1200923-CAL1	1200923	QC	4	1249033	-			
1200923-CAL2	1200923	QC	5	1249034	-			
1200923-CAL3	1200923	QC	6	1249035	-			
1200923-CAL4	1200923	QC	7	1249036	-			
1200923-CAL5	1200923	QC	8	1249037	-			
1200923-CAL6	1200923	QC	9	1249038	-			
1200923-CAL7	1200923	QC	10	1249039	-			
1200923-CCB1	1200923	QC	11		-			
1200923-ICV1	1200923	QC	12	1249028	-			
1200923-CCB2	1200923	QC	13		-			
1200923-CCV1	1200923	QC	14	1249040	-			
1200923-CCB3	1200923	QC	15		-			
1200923-CCB4	1200923	QC	16		-			
1200923-CCB5	1200923	QC	17		-			
B122047-BLK1	B122047	QC	18		-			
B122047-BLK2	B122047	QC	19		-			
B122047-BLK3	B122047	QC	20		-			
B122047-BLK4	B122047	QC	21		-			
B122047-BS1	B122047	QC	22		-			
B122047-BS2	B122047	QC	23		-			
B122047-BS3	B122047	QC	24		-			
B122047-BS4	B122047	QC	25		-			
B122047-BS5	B122047	QC	26		-			

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200923-CCV2	1200923	QC	27	1249040	-			
1200923-CCB6	1200923	QC	28		-			
B122187-BLK1	B122187	QC	29		-			
B122187-BLK2	B122187	QC	30		-			
B122187-BLK3	B122187	QC	31		-			
B122187-BLK4	B122187	QC	32		-			
B122187-BS1	B122187	QC	33		-			
B122187-BS2	B122187	QC	34		-			
1246011-01	B122187	MeHg-W-Dist-NoMB-TR	35			AAL-MN1101	12/10/2012	
1246011-03	B122187	MeHg-W-Dist-NoMB-TR	36			AAL-MN1101	12/10/2012	
1246011-05	B122187	MeHg-W-Dist-NoMB-TR	37			AAL-MN1101	12/10/2012	
1246011-07	B122187	MeHg-W-Dist-NoMB-TR	38			AAL-MN1101	12/10/2012	
1246011-07	B122187	MeHg-W-Dist-Diss	39			AAL-MN1101	1/1/1980	BatchQC
1246011-07	B122187	MeHg-W-Dist-TR	40			AAL-MN1101	1/1/1980	BatchQC
1200923-CCV3	1200923	QC	41	1249040	-			
1200923-CCB7	1200923	QC	42		-			
B122187-MS1	B122187	QC	43		1246011-07			
B122187-MSD1	B122187	QC	44		1246011-07			
1246011-09	B122187	MeHg-W-Dist-NoMB-TR	45			AAL-MN1101	12/10/2012	
1246011-11	B122187	MeHg-W-Dist-NoMB-TR	46			AAL-MN1101	12/10/2012	
1246011-13	B122187	MeHg-W-Dist-NoMB-TR	47			AAL-MN1101	12/10/2012	
1246011-15	B122187	MeHg-W-Dist-NoMB-TR	48			AAL-MN1101	12/10/2012	
1246011-17	B122187	MeHg-W-Dist-NoMB-TR	49			AAL-MN1101	12/10/2012	
1246011-19	B122187	MeHg-W-Dist-NoMB-TR	50			AAL-MN1101	12/10/2012	
1246011-21	B122187	MeHg-W-Dist-NoMB-TR	51			AAL-MN1101	12/10/2012	
1246011-21	B122187	MeHg-W-Dist-Diss	52			AAL-MN1101	1/1/1980	BatchQC

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1246011-21	B122187	MeHg-W-Dist-TR	53			AAL-MN1101	1/1/1980	BatchQC
B122187-MS2	B122187	QC	54		1246011-21			
1200923-CCV4	1200923	QC	55	1249040	-			
1200923-CCB8	1200923	QC	56		-			
B122187-MSD2	B122187	QC	57		1246011-21			
1246011-23	B122187	MeHg-W-Dist-NoMB-TR	58			AAL-MN1101	12/10/2012	
1246011-25	B122187	MeHg-W-Dist-NoMB-TR	59			AAL-MN1101	12/10/2012	
1246011-27	B122187	MeHg-W-Dist-NoMB-TR	60			AAL-MN1101	12/10/2012	
1246011-29	B122187	MeHg-W-Dist-NoMB-TR	61			AAL-MN1101	12/10/2012	
1246011-31	B122187	MeHg-W-Dist-NoMB-TR	62			AAL-MN1101	12/10/2012	
1246022-01	B122187	MeHg-W-Dist-Diss	63			TIE-AP1201	12/7/2012	
1246022-02	B122187	MeHg-W-Dist-NoMB-TR	64			TIE-AP1201	1/1/1980	BatchQC
1246022-02	B122187	MeHg-W-Dist-Diss	65			TIE-AP1201	1/1/1980	BatchQC
1246022-02	B122187	MeHg-W-Dist-TR	66			TIE-AP1201	12/7/2012	
B122187-MS3	B122187	QC	67		1246022-02			
B122187-MSD3	B122187	QC	68		1246022-02			
1200923-CCV5	1200923	QC	69	1249040	-			
1200923-CCB9	1200923	QC	70		-			
1246022-03	B122187	MeHg-W-Dist-TR	71			TIE-AP1201	12/7/2012	
1246022-04	B122187	MeHg-W-Dist-TR	72			TIE-AP1201	12/7/2012	
1247008-01	B122187	MeHg-W-Dist-TR	73			ORS-CN1201	12/13/2012	
1247008-02	B122187	MeHg-W-Dist-Diss	74			ORS-CN1201	12/13/2012	
1247008-03	B122187	MeHg-W-Dist-TR	75			ORS-CN1201	12/13/2012	
1247011-01	B122187	MeHg-W-Dist-TR	76			UDE-SL1201	12/13/2012	
1247012-02	B122187	MeHg-W-Dist-TR	77			ENV-BN1201	12/13/2012	
1247012-04	B122187	MeHg-W-Dist-TR	78			ENV-BN1201	12/13/2012	

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1247012-06	B122187	MeHg-W-Dist-TR	79			ENV-BN1201	12/13/2012	
1200923-CCV6	1200923	QC	80	1249040	-			
1200923-CCBA	1200923	QC	81		-			
1247012-08	B122187	MeHg-W-Dist-TR	82			ENV-BN1201	12/13/2012	
1247012-10	B122187	MeHg-W-Dist-TR	83			ENV-BN1201	12/13/2012	
1247025-01RE1	B122187	MeHg-W-Dist-NoMB-TR	84			CRN-GV1101	1/1/1980	BatchQC
1247025-01RE1	B122187	MeHg-W-Dist-Diss	85			CRN-GV1101	1/1/1980	BatchQC
1247025-01RE1	B122187	MeHg-W-Dist-TR	86			CRN-GV1101	12/4/2012	From B122152 by BJT on 12/07/12
B122187-MS4	B122187	QC	87		1247025-01RE1			
B122187-MSD4	B122187	QC	88		1247025-01RE1			
1247026-01RE1	B122152	MeHg-W-Dist-Diss	89			SFL-JC1001	1/1/1980	Added 12/13/2012 by BJT
1247026-01RE1	B122187	MeHg-W-Dist-TR	90			SFL-JC1001	12/4/2012	From B122152 by BJT on 12/07/12
1200923-CCV7	1200923	QC	91	1249040	-			
1200923-CCBB	1200923	QC	92		-			
B122279-BLK1	B122279	QC	93		-			
B122279-BLK2	B122279	QC	94		-			
B122279-BLK3	B122279	QC	95		-			
B122279-BLK4	B122279	QC	96		-			
B122279-BS1	B122279	QC	97		-			
B122279-BS2	B122279	QC	98		-			
1247009-01	B122279	MeHg-W-Dist-NoMB-TR	99			AAL-MN1101	12/14/2012	
1247009-03	B122279	MeHg-W-Dist-NoMB-TR	100			AAL-MN1101	12/14/2012	
1247009-05	B122279	MeHg-W-Dist-NoMB-TR	101			AAL-MN1101	12/14/2012	
1247009-11	B122279	MeHg-W-Dist-NoMB-TR	102			AAL-MN1101	12/14/2012	
1247009-11	B122279	MeHg-W-Dist-Diss	103			AAL-MN1101	1/1/1980	BatchQC
1247009-11	B122279	MeHg-W-Dist-TR	104			AAL-MN1101	1/1/1980	BatchQC

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200923-CCV8	1200923	QC	105	1249040	-			
1200923-CCBC	1200923	QC	106		-			
B122279-MS1	B122279	QC	107		1247009-11			
B122279-MSD1	B122279	QC	108		1247009-11			
1247009-13	B122279	MeHg-W-Dist-NoMB-TR	109			AAL-MN1101	12/14/2012	
1247009-15	B122279	MeHg-W-Dist-NoMB-TR	110			AAL-MN1101	12/14/2012	
1247009-17	B122279	MeHg-W-Dist-NoMB-TR	111			AAL-MN1101	12/14/2012	
1247009-19	B122279	MeHg-W-Dist-NoMB-TR	112			AAL-MN1101	12/14/2012	
1247009-21	B122279	MeHg-W-Dist-NoMB-TR	113			AAL-MN1101	12/14/2012	
1247009-21	B122279	MeHg-W-Dist-Diss	114			AAL-MN1101	1/1/1980	BatchQC
1247009-21	B122279	MeHg-W-Dist-TR	115			AAL-MN1101	1/1/1980	BatchQC
B122279-MS2	B122279	QC	116		1247009-21			
B122279-MSD2	B122279	QC	117		1247009-21			
1247009-23	B122279	MeHg-W-Dist-NoMB-TR	118			AAL-MN1101	12/14/2012	
1200923-CCV9	1200923	QC	119	1249040	-			
1200923-CCBD	1200923	QC	120		-			
1247009-25	B122279	MeHg-W-Dist-NoMB-TR	121			AAL-MN1101	12/14/2012	
1247009-27	B122279	MeHg-W-Dist-NoMB-TR	122			AAL-MN1101	12/14/2012	
1247009-29	B122279	MeHg-W-Dist-NoMB-TR	123			AAL-MN1101	12/14/2012	
1247009-31	B122279	MeHg-W-Dist-NoMB-TR	124			AAL-MN1101	12/14/2012	
1247009-33	B122279	MeHg-W-Dist-NoMB-TR	125			AAL-MN1101	12/14/2012	
1247009-35	B122279	MeHg-W-Dist-NoMB-TR	126			AAL-MN1101	12/14/2012	
1248009-01	B122279	MeHg-W-Dist-TR	127			ORS-CN1201	12/19/2012	
1248009-02	B122279	MeHg-W-Dist-Diss	128			ORS-CN1201	12/19/2012	
1248009-03	B122279	MeHg-W-Dist-TR	129			ORS-CN1201	12/19/2012	
1248009-04	B122279	MeHg-W-Dist-Diss	130			ORS-CN1201	12/19/2012	

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200923-CCVA	1200923	QC	131	1249040	-			
1200923-CCBE	1200923	QC	132		-			
1248010-01	B122279	MeHg-W-Dist-TR	133			ORS-CN1201	12/20/2012	
1248010-02	B122279	MeHg-W-Dist-Diss	134			ORS-CN1201	12/20/2012	
1248010-03	B122279	MeHg-W-Dist-NoMB-TR	135			ORS-CN1201	1/1/1980	BatchQC
1248010-03	B122279	MeHg-W-Dist-Diss	136			ORS-CN1201	1/1/1980	BatchQC
1248010-03	B122279	MeHg-W-Dist-TR	137			ORS-CN1201	12/20/2012	
B122279-MS3	B122279	QC	138		1248010-03			
B122279-MSD3	B122279	QC	139		1248010-03			
1248010-04	B122279	MeHg-W-Dist-Diss	140			ORS-CN1201	12/20/2012	
1248010-05	B122279	MeHg-W-Dist-TR	141			ORS-CN1201	12/20/2012	
1248010-06	B122279	MeHg-W-Dist-Diss	142			ORS-CN1201	12/20/2012	
1200923-CCVB	1200923	QC	143	1249040	-			
1200923-CCBF	1200923	QC	144		-			
B122313-BLK1	B122313	QC	145		-			
B122313-BLK2	B122313	QC	146		-			
B122313-BLK3	B122313	QC	147		-			
B122313-BLK4	B122313	QC	148		-			
B122313-SRM1	B122313	QC	149		-			
1249025-04	B122313	MeHg-S-MeCl	150			GAL-SN1201	12/28/2012	
1249029-01	B122313	MeHg-S-MeCl	151			MAX-CA1201	12/12/2012	
B122313-DUP1	B122313	QC	152		1249029-01			
B122313-MS1	B122313	QC	153		1249029-01			
B122313-MSD1	B122313	QC	154		1249029-01			
1249029-02	B122313	MeHg-S-MeCl	155			MAX-CA1201	12/12/2012	
1200923-CCVC	1200923	QC	156	1249040	-			

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200923-CCBG	1200923	QC	157		-			
B122046-BLK1	B122046	QC	158		-			
B122046-BLK2	B122046	QC	159		-			
B122046-BLK3	B122046	QC	160		-			
B122046-BLK4	B122046	QC	161		-			
B122046-BS1	B122046	QC	162		-			
B122046-BS2	B122046	QC	163		-			
B122046-BS3	B122046	QC	164		-			
B122046-BS4	B122046	QC	165		-			
B122046-BS5	B122046	QC	166		-			
1200923-CCVD	1200923	QC	167	1249040	-			
1200923-CCBH	1200923	QC	168		-			
B122209-BLK1	B122209	QC	169		-			
B122209-BLK2	B122209	QC	170		-			
B122209-BLK3	B122209	QC	171		-			
B122209-BLK4	B122209	QC	172		-			
B122209-SRM1	B122209	QC	173		-			
B122209-SRM2	B122209	QC	174		-			
1234023-01RE2	B122209	MeHg-B-KOH/Me	175			IAE-IC1002	9/17/2012	From B121914 by FKM on 11/26/12
1234023-01RE3	B122209	MeHg-B-KOH/Me	176			IAE-IC1002	9/17/2012	Added 11/26/2012 by FKM
1246016-01	B122209	MeHg-B-KOH/Me	177			CTA-GT1201	12/7/2012	
B122209-DUP1	B122209	QC	178		1246016-01			
1200923-CCVE	1200923	QC	179	1249040	-			
1200923-CCBI	1200923	QC	180		-			
B122209-MS1	B122209	QC	181		1246016-01			
B122209-MSD1	B122209	QC	182		1246016-01			

ANALYSIS SEQUENCE

1200923

Brooks Rand Labs

Instrument: MMHG-09

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1246016-02	B122209	MeHg-B-KOH/Me	183			CTA-GT1201	12/7/2012	
1246016-03	B122209	MeHg-B-KOH/Me	184			CTA-GT1201	12/7/2012	
1247010-01	B122209	MeHg-B-KOH/Me	185			ENV-BN1201	12/13/2012	
1247010-02	B122209	MeHg-B-KOH/Me	186			ENV-BN1201	12/13/2012	
1247010-03	B122209	MeHg-B-KOH/Me	187			ENV-BN1201	12/13/2012	
1247010-04	B122209	MeHg-B-KOH/Me	188			ENV-BN1201	12/13/2012	
1247010-05	B122209	MeHg-B-KOH/Me	189			ENV-BN1201	12/13/2012	
1247010-06	B122209	MeHg-B-KOH/Me	190			ENV-BN1201	12/13/2012	
1200923-CCVF	1200923	QC	191	1249040	-			
1200923-CCBJ	1200923	QC	192		-			
1247010-07	B122209	MeHg-B-KOH/Me	193			ENV-BN1201	12/13/2012	
1247010-08	B122209	MeHg-B-KOH/Me	194			ENV-BN1201	12/13/2012	
B122209-DUP2	B122209	QC	195		1247010-08			
B122209-MS2	B122209	QC	196		1247010-08			
B122209-MSD2	B122209	QC	197		1247010-08			
1247010-09	B122209	MeHg-B-KOH/Me	198			ENV-BN1201	12/13/2012	
1247010-10	B122209	MeHg-B-KOH/Me	199			ENV-BN1201	12/13/2012	
1247010-11	B122209	MeHg-B-KOH/Me	200			ENV-BN1201	12/13/2012	
1247010-12	B122209	MeHg-B-KOH/Me	201			ENV-BN1201	12/13/2012	
1247010-13	B122209	MeHg-B-KOH/Me	202			ENV-BN1201	12/13/2012	
1200923-CCVG	1200923	QC	203	1249040	-			
1200923-CCBK	1200923	QC	204		-			
1247010-14	B122209	MeHg-B-KOH/Me	205			ENV-BN1201	12/13/2012	
1200923-CCVH	1200923	QC	206	1249040	-			
1200923-CCBL	1200923	QC	207		-			

SOP(s)/Rev#(s):BR-0011 Rev 13d

MeHg Analysis Benchsheet: MeHg MERX-M

Sequence: 1200923 Batches: B122047, 2187, 2279, 2313, 2046, 2209, ~~2177~~, 2231 12-12-12 BJT

Analyst: BJT Date: 12/12/12 Instrument ID: MMHG-09

1 ng/mL std ID: 1249030 $NaBEt_4$ ID: 1249006 Initial PMT: 703

0.01 ng/mL std ID: 1249031 Acetate Buffer ID: 1244042 Initial Offset: 42636

1 ng/mL ICV std ID: 1249027

Pipette ID (if used for sample aliquoting): MeHg Pipette Set Balance ID: BL-02

	Run# / Pos #	BRL Sample ID	Analyze Vol (mL)	Dilution Factor	Analysis Comments / for spiked QC: Source ID, standard ID, and spike volume
	1	Rinse	--		#11 start @ 0825
	2	Rinse	--		
	3	SEQ-IBL1	--		
	4	SEQ-IBL2	--		〃
	5	SEQ-IBL3	--		〃
	6	SEQ-IBL4	--		〃
	7	SEQ-CAL1	0.05		0.01 ng/mL
	8	SEQ-CAL2	0.1		0.01 ng/mL
	9	SEQ-CAL3	0.2		0.01 ng/mL
	10	SEQ-CAL4	1		0.01 ng/mL
	11	SEQ-CAL5	0.05		1 ng/mL
	12	SEQ-CAL6	0.25		1 ng/mL
	13	SEQ-CAL7	1		1 ng/mL
	14	SEQ-CCB	--		
	15	SEQ-ICV1	0.1		1ng/mL ICV standard
	16	SEQ-CCB1	--		
	17	SEQ-CCV	0.025		1 ng/mL
	18	SEQ-CCB	--		
	19	SEQ-CCB	--		
	20	SEQ-CCB	--		
	21	B122047-BLK1	30.49		
	22	B122047-BLK2	29.13		
	23	B122047-BLK3	29.95		
	24	B122047-BLK4	30.71		

	25	B122047-BS1	29.23		
	26	B122047-BS2	29.43		
	27	B122047-BS3	30.14		
	28	B122047-BS4	30.65		
	29	B122047-BS5	29.55		
	30	SEQ-CCV	0.025		1ng/mL
	31	SEQ-CCB	--		u
	32	B122187-BLK1	29.76		
	33	B122187-BLK2	29.82		
	34	B122187-BLK3	29.35		
	35	B122187-BLK4	30.37		
	36	B122187-BS1	29.39		
	37	B122187-BS2	30.09		
*	38	1246011-01	~~29.44~~	26.76	2x B.
	39	1246011-03	29.83	26.82	
	40	1246011-05	30.47	26.39	
	41	1246011-07	~~30.19~~	26.17	
	42	SEQ-CCV	0.025		1ng/mL
	43	SEQ-CCB	--		
	44	B122187-MS1	~~30.69~~	25.85	2x B.
	45	B122187-MSD1	~~30.31~~	25.74	↓
	46	1246011-09	30.20		
	47	1246011-11	30.12		
	48	1246011-13	30.42		2x Buffr

* 3 rinses added - instrument disconnected. Samples re-aliquoted.
Rinse 3 m., all remain runs off by 3.

	49	1246011-15	29.49		
	50	1246011-17	30.70		
	51	1246011-19	30.22		
	52	1246011-21	29.25		
	53	B122187-MS2	30.00		2x B.
	54	SEQ-CCV	0.025		1ng/mL
	55	SEQ-CCB	--		m
	56	B122187-MSD2	30.55		
	57	1246011-23	29.51		
	58	1246011-25	30.80		
	59	1246011-27	30.29		
	60	1246011-29	30.32		2x B.
	61	1246011-31	29.15		
	62	1246022-01	30.69		
	63	1246022-02	29.39		m
	64	B122187-MS3	29.90		
	65	B122187-MSD3	30.68		
	66	SEQ-CCV	0.025		1ng/mL
	67	SEQ-CCB	--		
	68	1246022-03	30.16		
	69	1246022-04	30.51		
	70	1247008-01	30.11		
	71	1247008-02	29.48		
	72	1247008-03	29.83		m

	73	1247011-01	29.81		
	74	1247012-02	29.10		
	75	1247012-04	29.62		
	76	1247012-06	29.85		
	77	SEQ-CCV	0.025		1ng/mL
	78	SEQ-CCB	--		
	79	1247012-08	29.60		
	80	1247012-10	30.22		
	81	1247025-01RE1	30.79		
	82	B122187-MS4	30.63		
	83	B122187-MSD4	30.29		2x B.
	84	1247026-01RE1	30.37		
	85	SEQ-CCV	0.025		1ng/mL
	86	SEQ-CCB	--		
	87	B122279-BLK1	30.76		
	88	B122279-BLK2	29.30		
	89	B122279-BLK3	29.85		2x B.
	90	B122279-BLK4	29.69		
	91	B122279-BS1	29.48		
	92	B122279-BS2	29.79		2x B.
	93	1247009-01	30.12		
	94	1247009-03	30.70		
	95	1247009-05	29.85		
	96	1247009-11	29.71		

	97	SEQ-CCV	0.025		1ng/mL #07 e 1035
	98	SEQ-CCB	--		
	99	B122279-MS1	29.98		2x B.
	100	B122279-MSD1	29.72		↓
	101	1247009-13	30.53		
	102	1247009-15	29.17		
	103	1247009-17	30.39		
	104	1247009-19	29.95		
	105	1247009-21	29.00		
	106	B122279-MS2	29.51		
	107	B122279-MSD2	30.32		
	108	1247009-23	29.80		
	109	SEQ-CCV	0.025		1ng/mL
	110	SEQ-CCB	--		u.
	111	1247009-25	29.15		2x B.
	112	1247009-27	29.86		↓
	113	1247009-29	29.95		
	114	1247009-31	30.17		2x B.
	115	1247009-33	30.15		
	116	1247009-35	29.35		2x B
	117	1248009-01	29.41		↓
	118	1248009-02	29.28		↓
	119	1248009-03	29.12		
	120	1248009-04	29.58		

	121	SEQ-CCV	0.025		1ng/mL
	122	SEQ-CCB	--		
	123	1248010-01	29.32		
	124	1248010-02	30.00		
	125	1248010-03	29.05		2x B.
	126	B122279-MS3	29.65		↓
	127	B122279-MSD3	29.82		
	128	1248010-04	30.25		
	129	1248010-05	29.56		
	130	1248010-06	30.53		
	131	SEQ-CCV	0.025		1ng/mL
	132	SEQ-CCB	--		u.
	133	B122313-BLK1	5		
	134	B122313-BLK2	5		
	135	B122313-BLK3	5		
	136	B122313-BLK4	5		
	137	B122313-SRM1	5		
	138	1249025-04	5		
	139	1249029-01	5		
	140	B122313-DUP1	5		
	141	B122313-MS1	5		
	142	B122313-MSD1	5		
	143	1249029-02	5		
	144	SEQ-CCV	0.025		1ng/mL

	145	SEQ-CCB	--		
	146	B122046-BLK1	0.03		m
	147	B122046-BLK2	0.03		
	148	B122046-BLK3	0.03		m
	149	B122046-BLK4	0.03		
	150	B122046-BS1	0.03		
	151	B122046-BS2	0.03		
	152	B122046-BS3	0.03		
	153	B122046-BS4	0.03		
	154	B122046-BS5	0.03		
	155	SEQ-CCV	0.025		1ng/mL
	156	SEQ-CCB	--		u
	157	B122209-BLK1	0.03		u
	158	B122209-BLK2	0.03		m
	159	B122209-BLK3	0.03		u
	160	B122209-BLK4	0.03		u
	161	B122209-SRM1	0.03		
	162	B122209-SRM2	0.03		
	163	1234023-01RE2	0.03		
	164	1234023-01RE3	0.03		
	165	1246016-01	0.03		
	166	B122209-DUP1	0.03		
	167	SEQ-CCV	0.025		1ng/mL
	168	SEQ-CCB	--		

1	169	B122209-MS1	0.03		
2	170	B122209-MSD1	0.03		
3	171	1246016-02	0.03		
4	172	1246016-03	0.03		
5	173	1247010-01	0.03		
6	174	1247010-02	0.03		
7	175	1247010-03	0.03		
8	176	1247010-04	0.03		
9	177	1247010-05	0.03		
10	178	1247010-06	0.03		
11	179	SEQ-CCV	0.025		1ng/mL
12	180	SEQ-CCB	--		m
13	181	1247010-07	0.03		
14	182	1247010-08	0.03		
15	183	B122209-DUP2	0.03		
16	184	B122209-MS2	0.03		
17	185	B122209-MSD2	0.03		
18	186	1247010-09	0.03		
19	187	1247010-10	0.03		
20	188	1247010-11	0.03		
21	189	1247010-12	0.03		
22	190	1247010-13	0.03		
23	191	SEQ-CCV	0.025		1ng/mL
24	192	SEQ-CCB	--		m

25	193	1247010-14	0.03		
26	194	SEQ-CCV	0.025		1ng/mL
27	195	SEQ-CCB	--		u.
☆ 28	196	B122177-BLK1	0.03		
29	197	B122177-BLK2	0.03		
30	198	B122177-BLK3	0.03		
31	199	B122177-BLK4	0.03		
32	200	B122177-SRM1	0.03		
33	201	B122177-SRM2	0.03		
34	202	1246015-01	0.03		
35	203	1246015-02	0.03		
36	204	1246015-03	0.03		
37	205	1246015-04	0.03		12/13/12 BST
38	206	SEQ-CCV	0.025		1ng/mL
39	207	SEQ-CCB	--		
40	208	1246015-05	0.03		
41	209	B122177-DUP1	0.03		
42	210	B122177-MS1	0.03		
43	211	B122177-MSD1	0.03		
44	212	1246015-06	0.03		
45	213	1246015-07	0.03		
46	214	1246015-08	0.03		
47	215	1246015-09	0.03		
48	216	1246015-10	0.03		

☆ standard testing for 1ng/mL old/new.

49	217	1246015-11	0.03		
50	218	SEQ-CCV	0.025		1ng/mL
51	219	SEQ-CCB	--		
52	220	1246015-12	0.03		
53	221	1246015-13	0.03		
54	222	1246015-14	0.03		
55	223	1246015-15	0.03		
56	224	B122177-DUP2	0.03		
57	225	B122177-MS2	0.03		
58	226	B122177-MSD2	0.03		
59	227	1246015-16	0.03		
60	228	1246015-17	0.03		12/13 IR R381
61	229	1246015-18	0.03		
62	230	SEQ-CCV	0.025		1ng/mL
63	231	SEQ-CCB	--		
64	232	1246015-19	0.03		
65	233	1246015-20	0.03		
66	234	1246015-21	0.03		
67	235	1246015-22	0.03		
68	236	1246015-23	0.03		
69	237	1246015-24	0.03		
70	238	1246015-25	0.03		
71	239	B122177-DUP3	0.03		
72	240	B122177-MS3	0.03		

73	241	B122177-MSD3	0.03		
74	242	SEQ-CCV	0.025		1ng/mL
75	243	SEQ-CCB	--		
76	244	1246015-26	0.03		
77	245	1246015-27	0.03		
78	246	1246015-28	0.03		
79	247	1246015-29	0.03		
80	248	SEQ-CCV	0.025		1ng/mL
81	249	SEQ-CCB	--		
82	250	B122231-BLK1	0.03		
83	251	B122231-BLK2	0.03		
84	252	B122231-BLK3	0.03		
85	253	B122231-BLK4	0.03		
86	254	B122231-SRM1	0.03		
87	255	1246030-01	0.03		12/13/12 BT
88	256	1246030-02	0.03		
89	257	1246034-01	0.03		
90	258	B122231-DUP1	0.03		
91	259	B122231-MS1	0.03		
92	260	SEQ-CCV	0.025		1ng/mL
93	261	SEQ-CCB	--		
94	262	B122231-MSD1	0.03		
95	263	1246034-02	0.03		
96	264	1246034-03	0.03		
97	265	1246035-01	0.03		
98	266	1246035-02	0.03		
99	267	1246035-03	0.03		
100	268	SEQ-CCV	0.025		1ng/mL
101	269	SEQ-CCB	--		

* QA reviewed and approved of all manual peak integrations FKM - 12/13/12

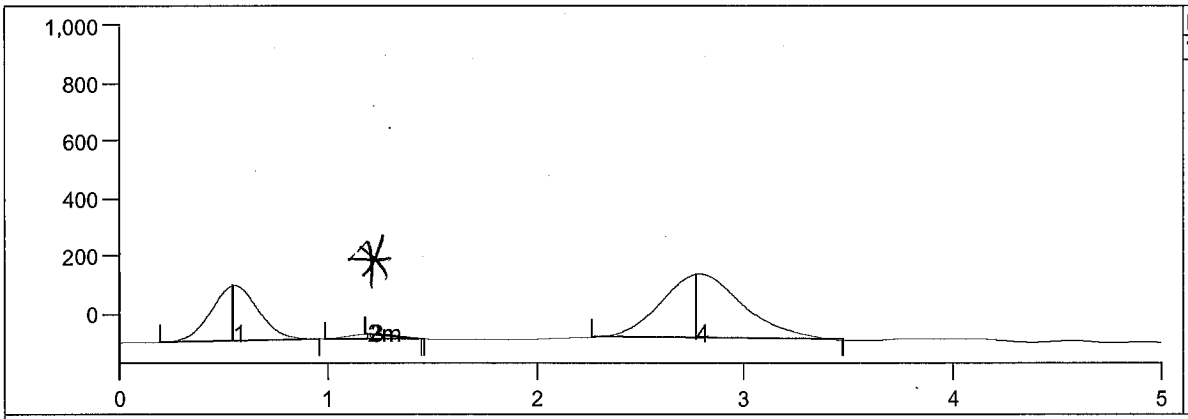
BRL Report 1247011

Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

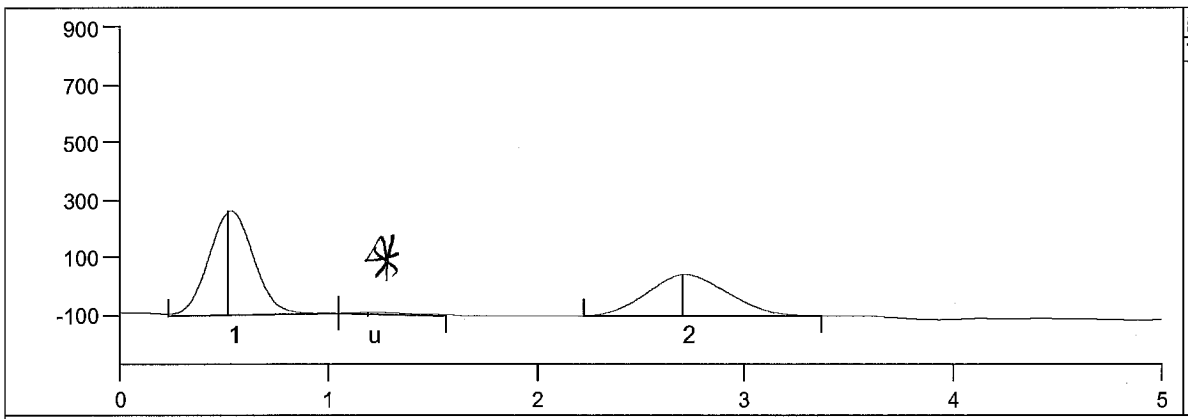


Date:	12/12/12
Time:	10:41 AM

Peak	rt	Height
1	0.55	195
2m	1.19	18
3	1.20	2
4	2.77	227

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
4	A	CB	SEQ-IBL		2m	18	0.0731		0.0731	< 1.4	accept

Notes

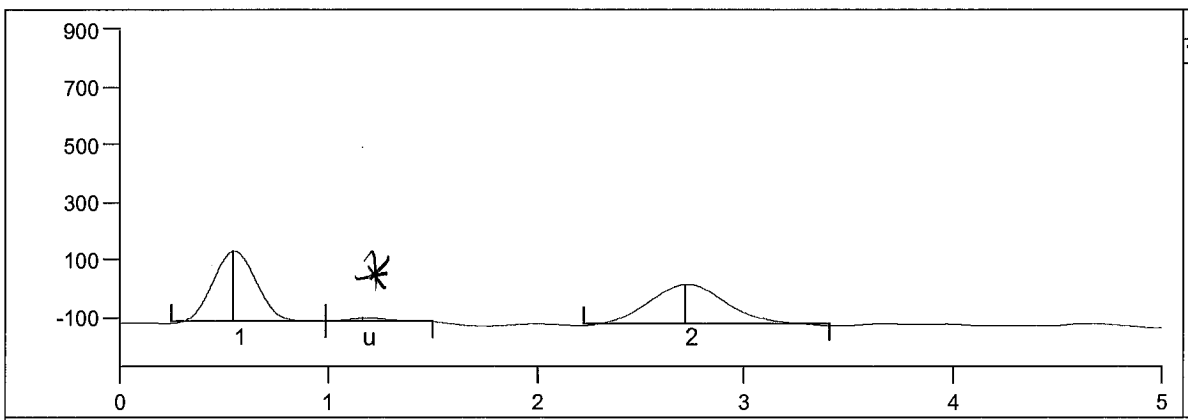


Date:	12/12/12
Time:	10:48 AM

Peak	rt	Height
1	0.53	359
2	2.70	145
u	1.19	6

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
5	B	CB	SEQ-IBL		u	6	0.0244		0.0244	< 1.4	accept

Notes



Date:	12/12/12
Time:	10:54 AM

Peak	rt	Height
1	0.54	251
2	2.71	145
u	1.17	11

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
6	C	CB	SEQ-IBL		u	11	0.0447		0.0447	< 1.4	accept

Notes

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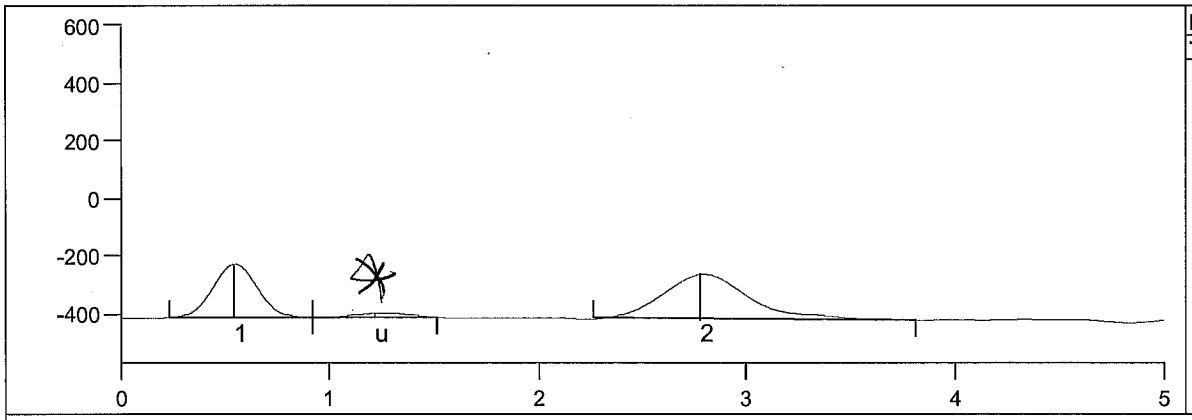
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

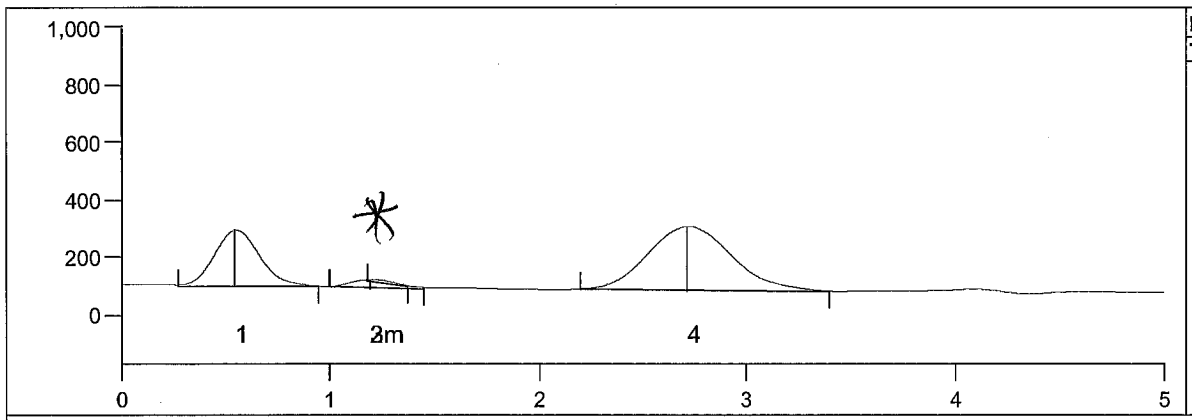


Date: 12/12/12
Time: 1:41 PM

Peak	rt	Height
1	0.54	188
2	2.78	160
u	1.22	19

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
31	A	CCB	SEQ-CCB		u	19	0.0772		0.0772	< 1.4	accept

Notes

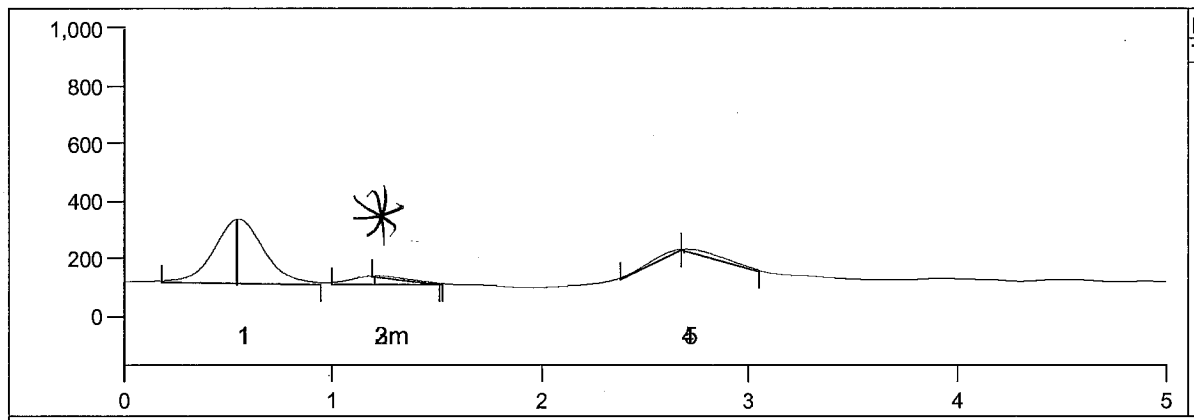


Date: 12/12/12
Time: 5:24 PM

Peak	rt	Height
1	0.55	193
2m	1.19	25
3	1.20	2
4	2.71	221

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
40	C	S	rinse		2m	25	0.0542	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 7:24 PM

Peak	rt	Height
1	0.55	218
2m	1.20	25
3	1.21	2
4	2.67	2
5	2.69	3

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
58	C	CCB	SEQ-CCB		2m	25	0.102		0.102	< 1.4	accept

Notes

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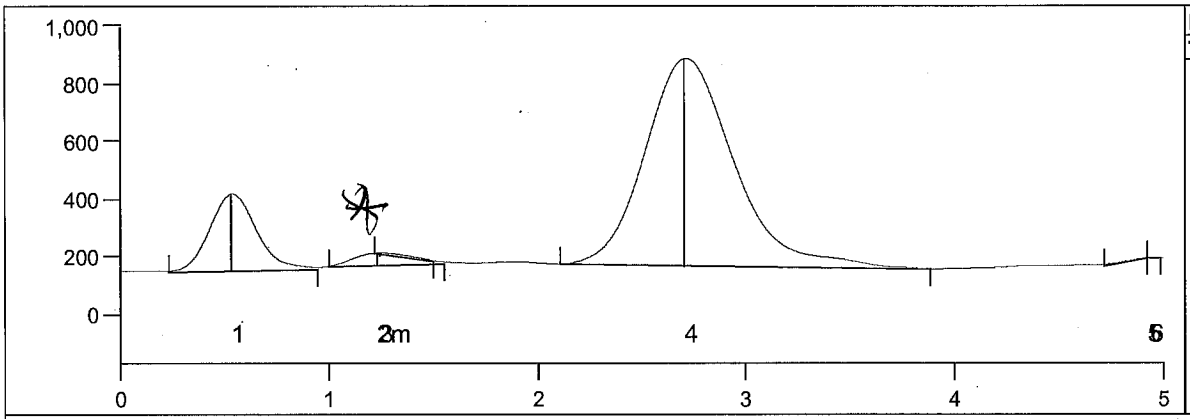
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

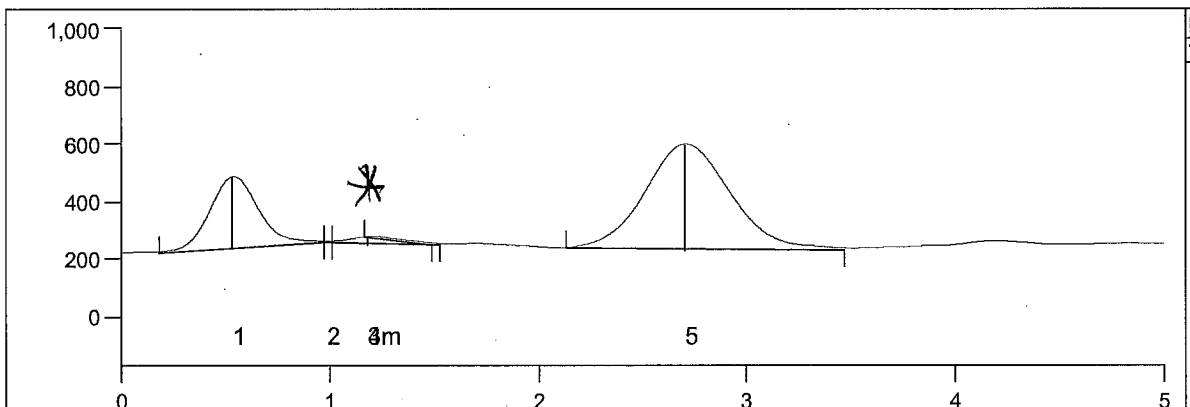


Date: 12/12/12
Time: 8:18 PM

Peak	rt	Height
1	0.53	263
2m	1.23	41
3	1.24	2
4	2.70	721
5	4.92	1
6	4.95	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
66	B	S	1246022-02		2m	41	0.119	0.00		< HS	accept

Notes

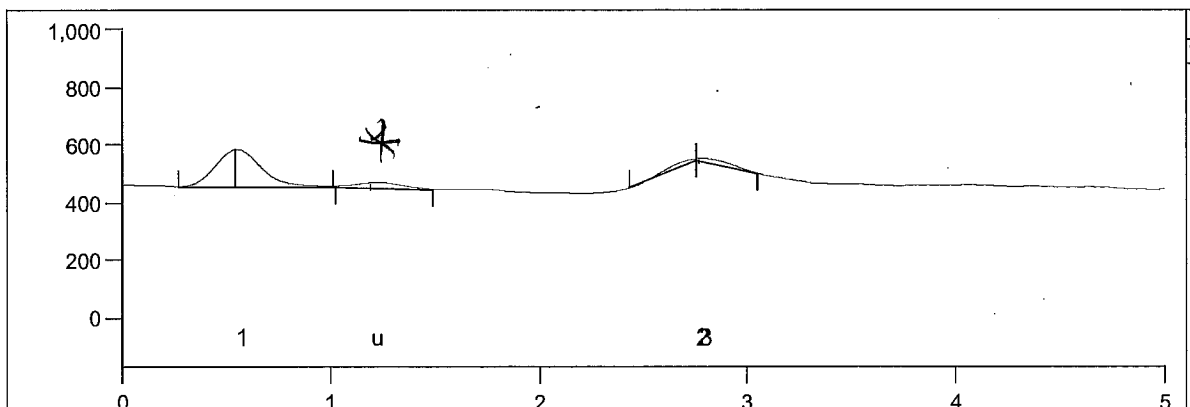


Date: 12/12/12
Time: 9:18 PM

Peak	rt	Height
1	0.53	247
2	0.99	1
3m	1.18	18
4	1.18	2
5	2.70	361

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
75	B	S	1247008-03		3m	18	0.0257	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 1:31 AM

Peak	rt	Height
1	0.55	129
2	2.75	2
3	2.77	3
u	1.19	16

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
113	A	CCB	SEQ-CCB		u	16	0.0650		0.0650	< 1.4	accept

Notes

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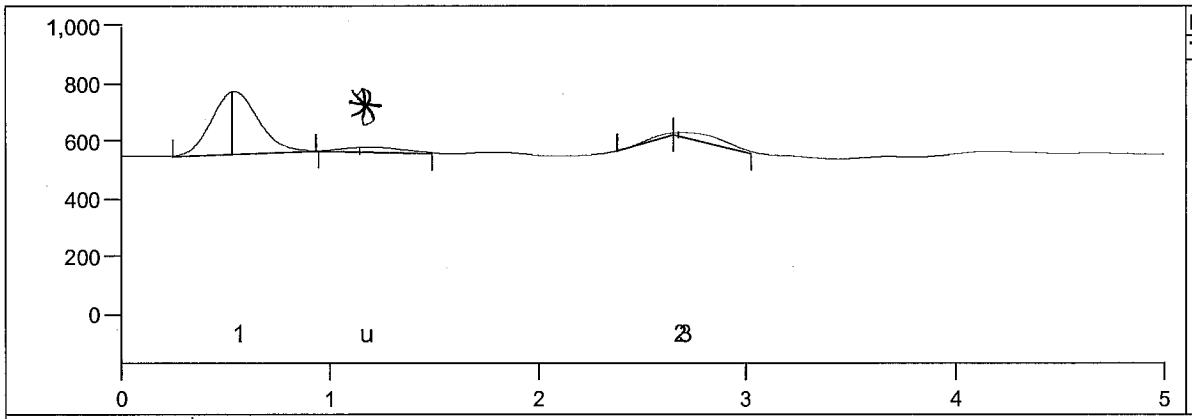
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209

Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

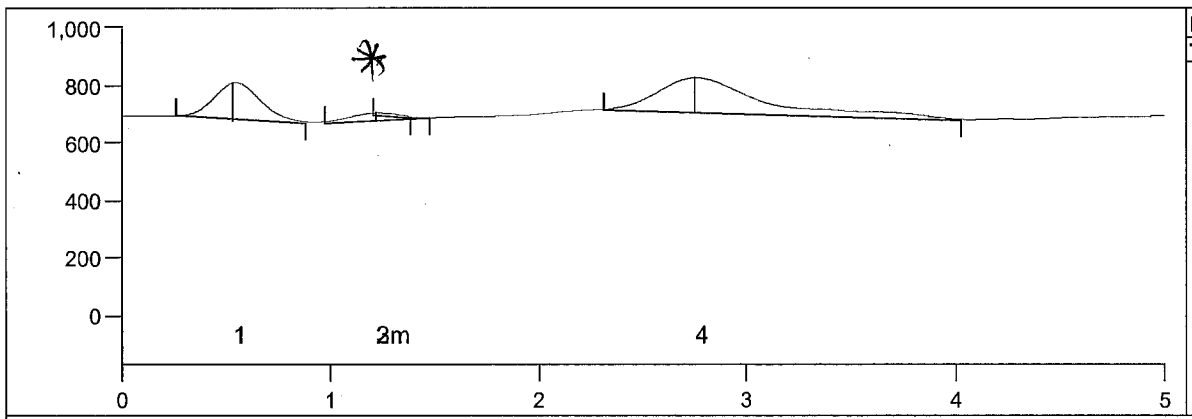


Date: 12/13/12
Time: 3:58 AM

Peak	rt	Height
1	0.54	217
2	2.65	1
3	2.67	4
u	1.14	15

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
135	B	CCB	SEQ-CCB		u	15	0.0609		0.0609	< 1.4	accept

Notes

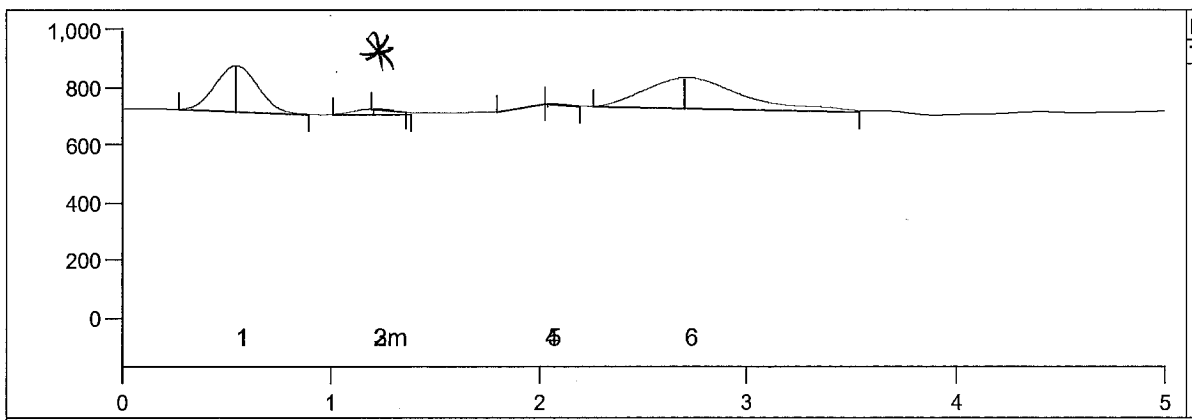


Date: 12/13/12
Time: 5:31 AM

Peak	rt	Height
1	0.54	124
2m	1.21	25
3	1.22	2
4	2.75	118

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
149	A	S	B122046-BLK1		2m	25	0.0542	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 5:44 AM

Peak	rt	Height
1	0.54	159
2m	1.20	17
3	1.20	1
4	2.03	1
5	2.05	1
6	2.70	105

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
151	C	S	B122046-BLK3		2m	17	0.0217	0.00		< HS	accept

Notes

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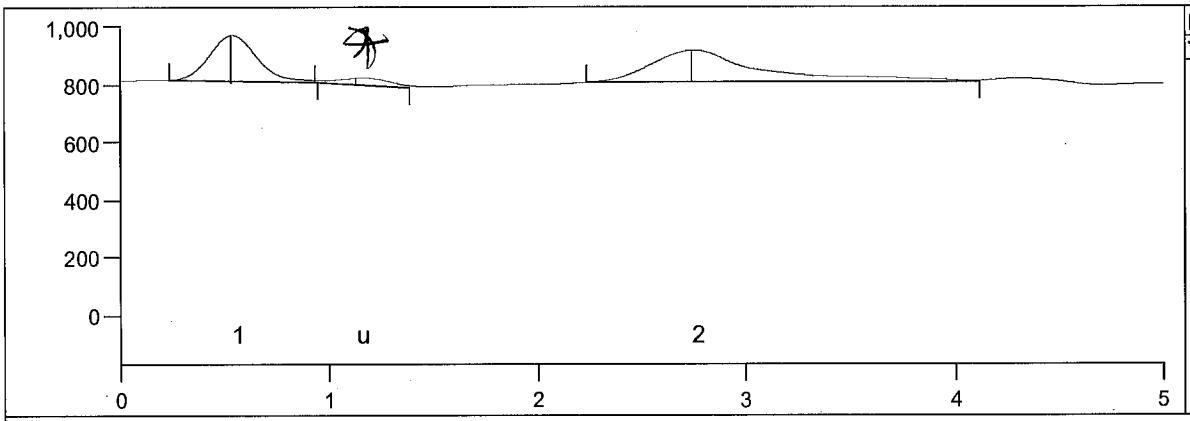
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

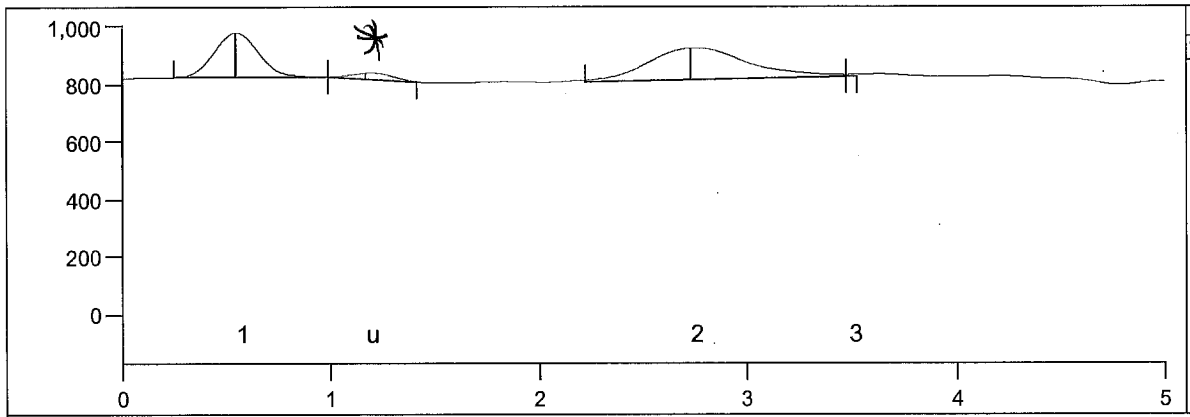


Date: 12/13/12
Time: 6:38 AM

Peak	rt	Height
1	0.53	155
2	2.73	110
u	1.12	15

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
159	B	CCB	SEQ-CCB		u	15	0.0609		0.0609	< 1.4	accept

Notes

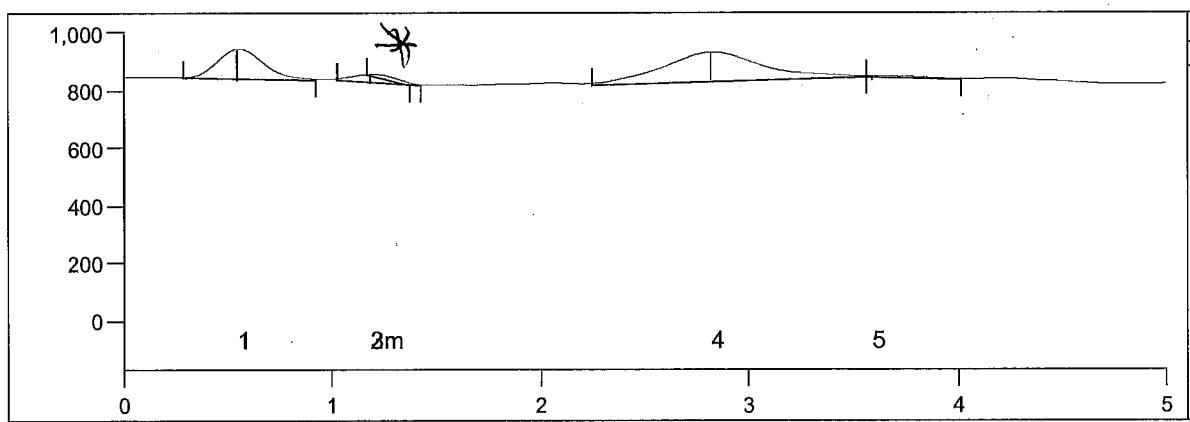


Date: 12/13/12
Time: 6:44 AM

Peak	rt	Height
1	0.54	155
2	2.72	105
3	3.48	1
u	1.16	20

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
160	C	S	B122209-BLK1		u	20	0.0339	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 6:51 AM

Peak	rt	Height
1	0.55	102
2m	1.18	23
3	1.18	3
4	2.81	98
5	3.58	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
161	A	S	B122209-BLK2		2m	23	0.0460	0.00		< HS	accept

Notes

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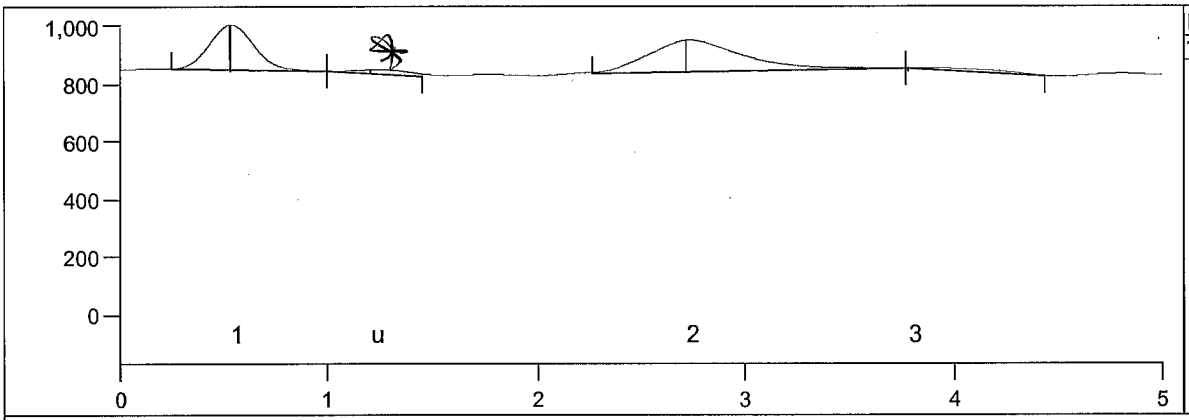
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

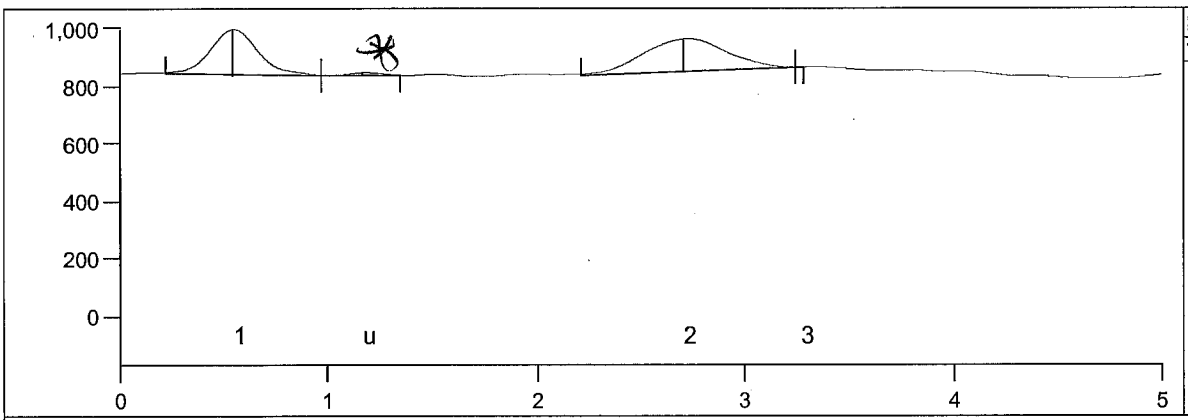


Date: 12/13/12
Time: 6:58 AM

Peak	rt	Height
1	0.53	155
2	2.71	107
3	3.79	1
u	1.20	9

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
162	B	S	B122209-BLK3		u	9	-0.0108	0.00		< HS	accept

Notes

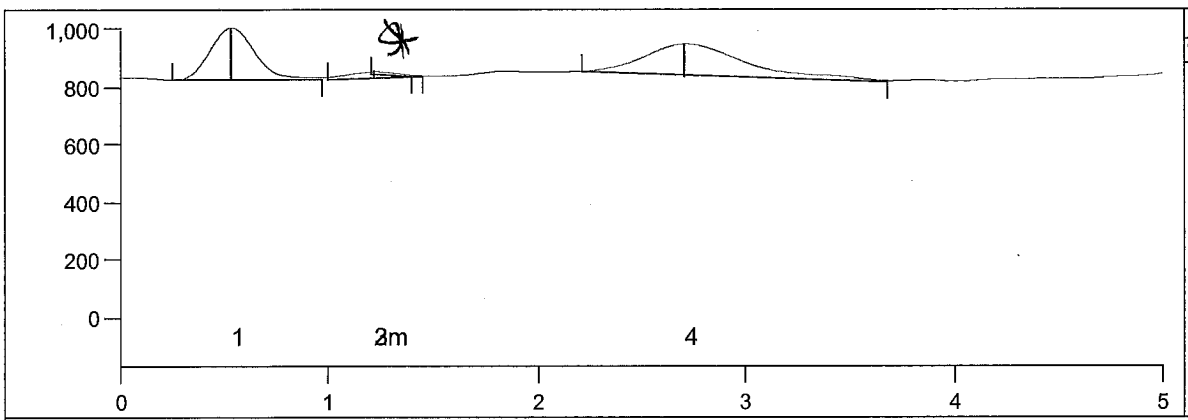


Date: 12/13/12
Time: 7:04 AM

Peak	rt	Height
1	0.54	154
2	2.70	112
3	3.26	1
u	1.16	11

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
163	C	S	B122209-BLK4		u	11	-0.00271	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 9:18 AM

Peak	rt	Height
1	0.53	179
2m	1.21	18
3	1.22	2
4	2.69	106

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
183	B	CCB	SEQ-CCB		2m	18	0.0731		0.0731	< 1.4	accept

Notes

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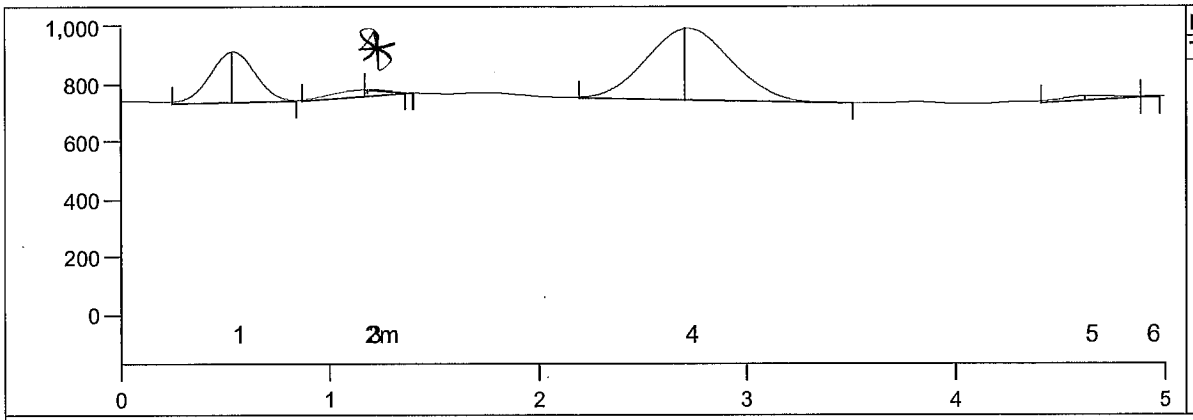
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

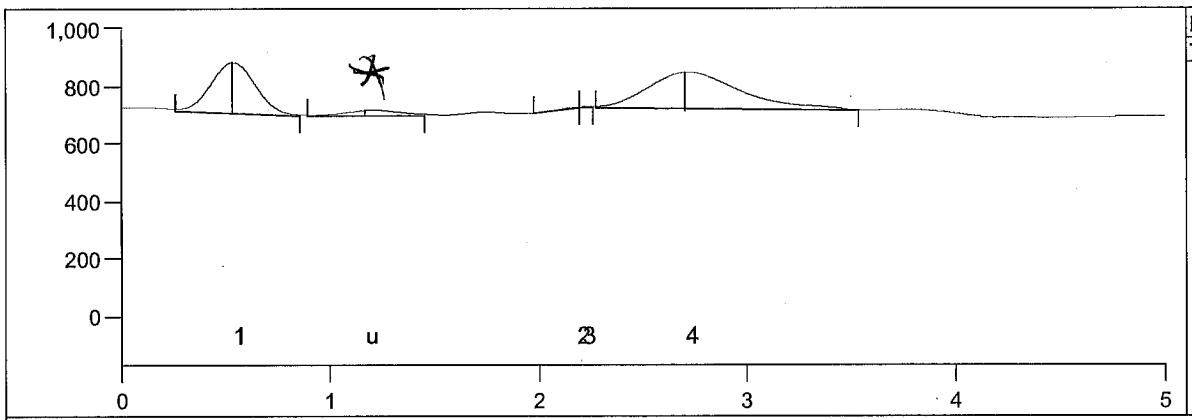


Date: 12/13/12
Time: 10:38 AM

Peak	rt	Height
1	0.53	172
2m	1.17	23
3	1.18	1
4	2.70	246
5	4.62	12
6	4.91	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
195	B	CCB	SEQ-CCB		2m	23	0.0934		0.0934	< 1.4	accept

Notes

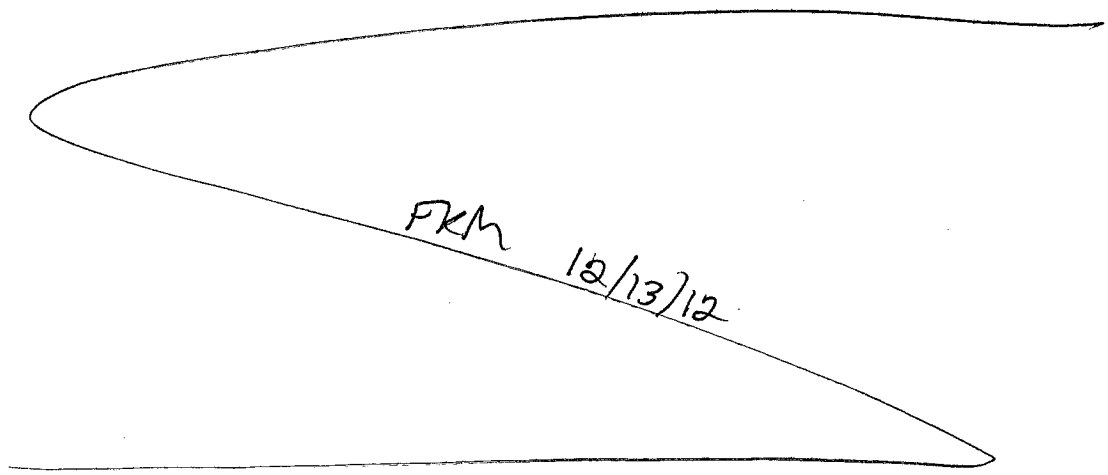


Date: 12/13/12
Time: 10:58 AM

Peak	rt	Height
1	0.53	172
2	2.18	1
3	2.21	1
4	2.69	123
u	1.16	16

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
198	B	CCB	SEQ-CCB		u	16	0.0650		0.0650	< 1.4	accept

Notes



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Brooks Rand Labs

MMHg Water Prep Benchsheet

Prepped By: AAP
Prep Date: 12·10·12

SOP/Rev #: BR-0011 / 013d
Batch: B122187

Sample ID	Sample Mass (g)	Slot #	Time On	Time Off	pH
1246011-01	49.970	1	0962	1255	2.5
1246011-03	50.940	2		1311	3.5
1246011-05	50.604	3		1232	1
1246011-07	50.034	4		1232	3
1246011-09	50.194	5		1232	4
1246011-11	49.993	6		1311	1
1246011-13	49.740	7		1232	2.5
1246011-15	49.678	8		↓	3.5
1246011-17	50.987	9		1232	1
1246011-19	50.175	10	—	1311	1
1246011-21	50.635	11	1010	1232	3
1246011-23	49.558	12		1255	3.5
1246011-25	50.833	13		1	4
1246011-27	50079	14		1324	3.5
1246011-29	50.248	15		1232	2.5
1246011-31	50.503	16			3.5
1246022-01	49.857	17			1
1246022-02	49.527	18			4
1246022-03	50.153	19		1	4.5
1246022-04	49.794	20	1	1311	1
1247008-01	49.744	21	1032	1324	3.5
1247008-02	50.896	22		1305	4
1247008-03	49.258	23		1342	3.5
1247011-01	50.125	24		1324	1
1247012-02	1.073	25	↓	1305	4.5

Sample ID	Sample Mass (g)	Slot #	Time On	Time Off	pH
1247012-04	1.017	26	1032	1255	4.5
1247012-06	1.031	27		1324	
1247012-08	0.975	28		1342	1
1247012-10	0.999	29		1255	4
1247025-01RE1	49.375	30	1	1342	3.5
1247026-01RE1	49.47	31	1132	1441	1
B122187-BLK1	50.104	32		1	4
B122187-BLK2	50.392	33		1342	3.5
B122187-BLK3	49.980	34		1409	
B122187-BLK4	50.143	35		1342	
~~B122187-BLK5~~			12·10·12 AAP		
B122187-BS1	50.387	36		1355	
B122187-BS2	50.154	37		1409	1
B122187-MS1	50.269	38		1342	2.5
B122187-MS2	50.514	39		↓	↓
B122187-MS3	49.754	40	1	1425	4.5
B122187-MS4	49.756	41	1142	1441	4
B122187-MSD1	50.717	42		1342	2.5
B122187-MSD2	49.282	43		1455	4
B122187-MSD3	49.616	44		1	1
B122187-MSD4	49.554	45	1	1342	2.5
			12·10·12		

Batch QC ID	Source	Spike vol (uL)	Spike conc (ng/mL)	Spike ID	Spike Witness
BS1/2	—	50	1	1249038	MLH 12-10-12
MS/D1	1246011-07	220	0.1	1249032	
MS/D2	1 -21	220	1		
MS/D3	1246022-02	125	0.1		
MS/D4	1247025-01	1	1		

Reagent	ID
0.5 mL H2SO4	1249084
0.2 mL KCL/ L-cysteine	1246085 12·10·12 AAP
HCl	1237109
Hot Block Temp	138°C
Final Dilution Vol	58mL
Balance ID	BL-07

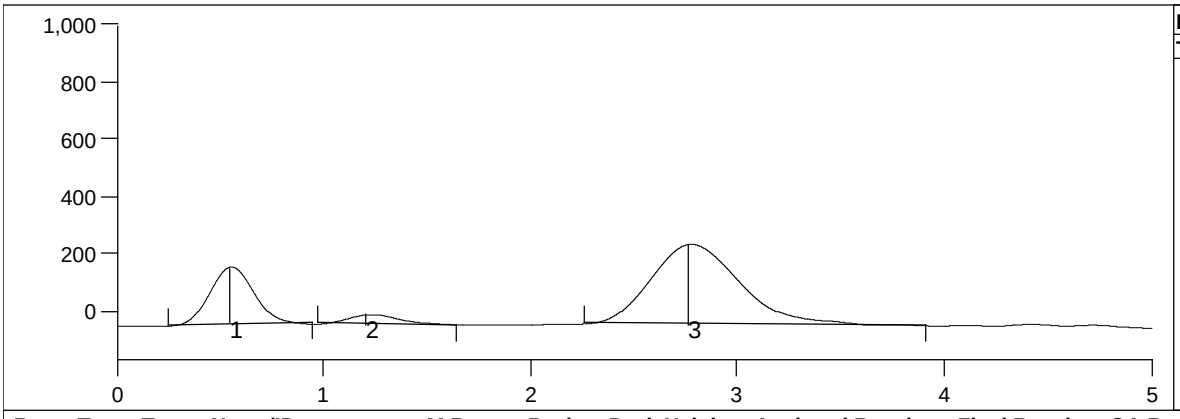
Comments:
- W.O. 1247012 = pore water ∴ limited volume ⇒ sample exhausted, brought up to 50±1mL w/ DIW, both reagents added as per PM's instruction
- W.O. 1246011 preserved w/ H2SO4 ∴ 9M H2SO4 not added as reagent; notified PM & QC

Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

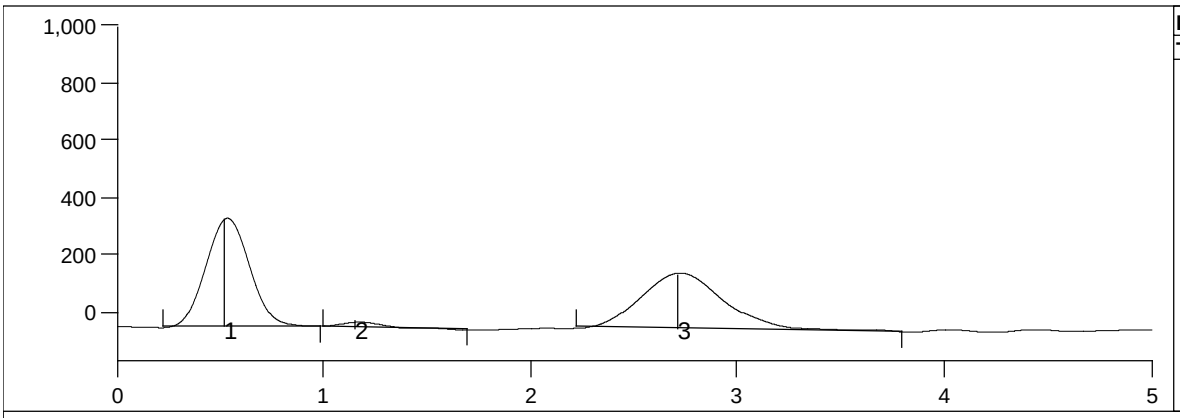


Date: 12/12/12
Time: 10:21 AM

Peak	rt	Height
1	0.55	208
2	1.21	34
3	2.77	283

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
1	A	Rins	Rinse		2	34	0.138	0.00	0.00	< 0.05	accept

Notes

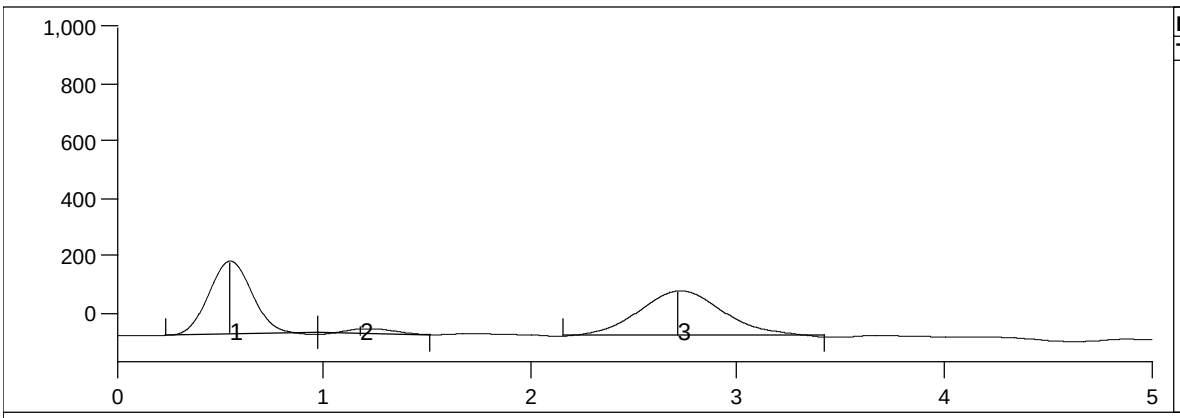


Date: 12/12/12
Time: 10:28 AM

Peak	rt	Height
1	0.53	384
2	1.15	16
3	2.72	200

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
2	B	Rins	Rinse		2	16	0.0650	0.00	0.00	< 0.05	accept

Notes



Date: 12/12/12
Time: 10:34 AM

Peak	rt	Height
1	0.54	262
2	1.18	20
3	2.71	162

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
3	C	Rins	Rinse		2	20	0.0813	0.00	0.00	< 0.05	accept

Notes

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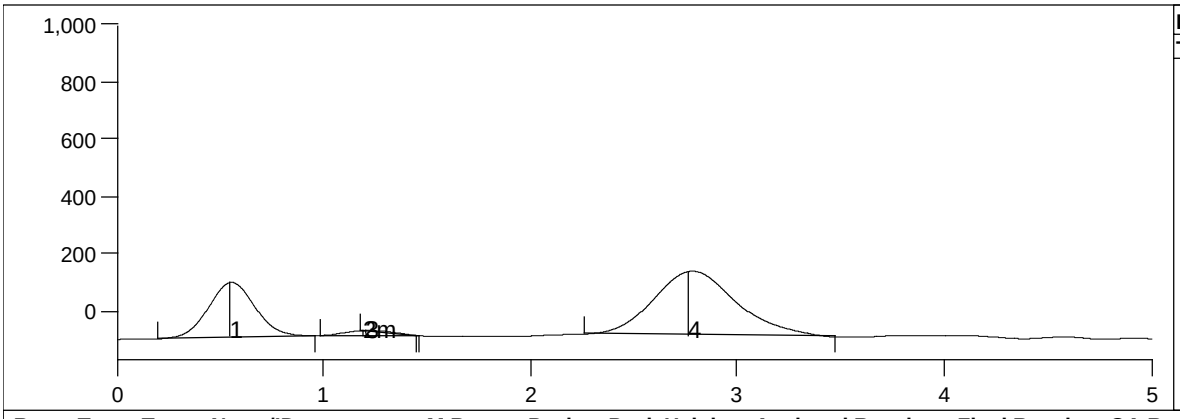
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

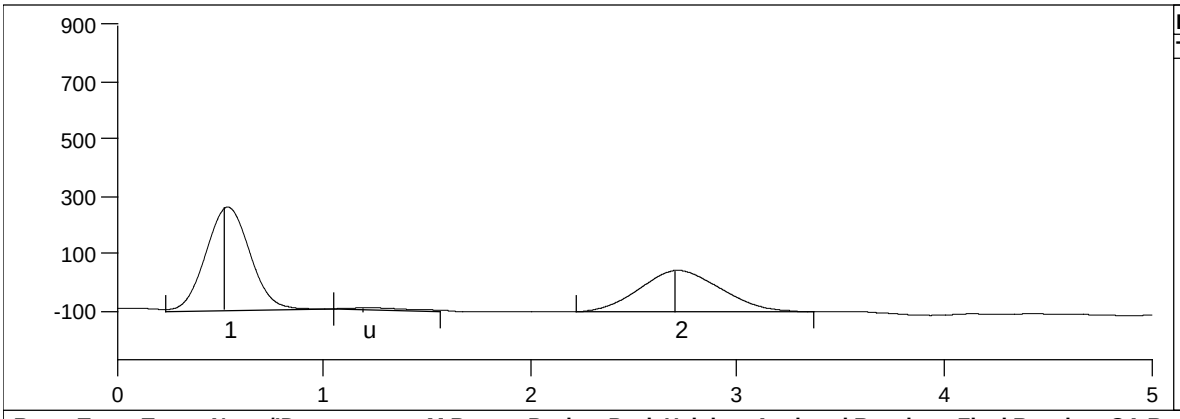


Date: 12/12/12
Time: 10:41 AM

Peak	rt	Height
1	0.55	195
2m	1.19	18
3	1.20	2
4	2.77	227

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
4	A	CB	SEQ-IBL		2m	18	0.0731		0.0731	< 1.4	accept

Notes

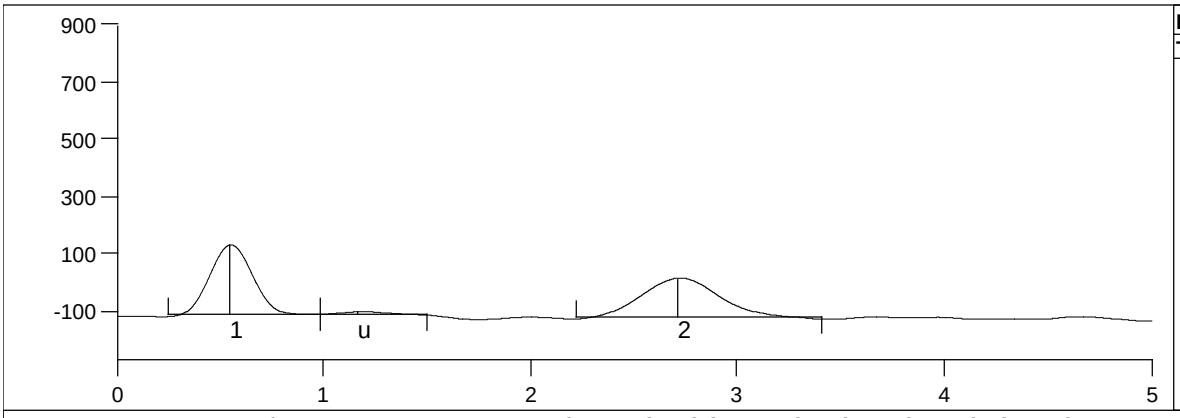


Date: 12/12/12
Time: 10:48 AM

Peak	rt	Height
1	0.53	359
2	2.70	145
u	1.19	6

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
5	B	CB	SEQ-IBL		u	6	0.0244		0.0244	< 1.4	accept

Notes



Date: 12/12/12
Time: 10:54 AM

Peak	rt	Height
1	0.54	251
2	2.71	145
u	1.17	11

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
6	C	CB	SEQ-IBL		u	11	0.0447		0.0447	< 1.4	accept

Notes

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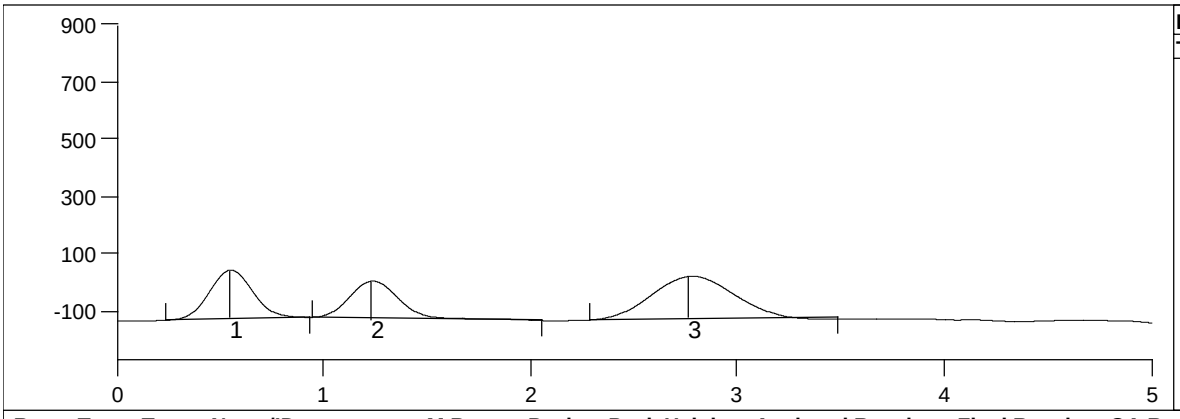
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

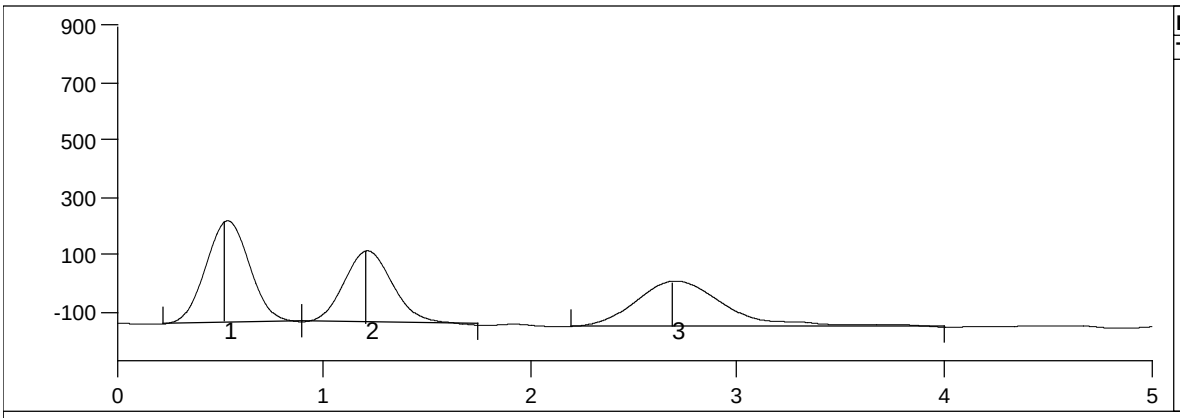


Date: 12/12/12
Time: 11:01 AM

Peak	rt	Height
1	0.54	175
2	1.23	132
3	2.77	155

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
7	A	STD	SEQ-CAL1		2	132	0.489		97.8	65-135	accept

Notes

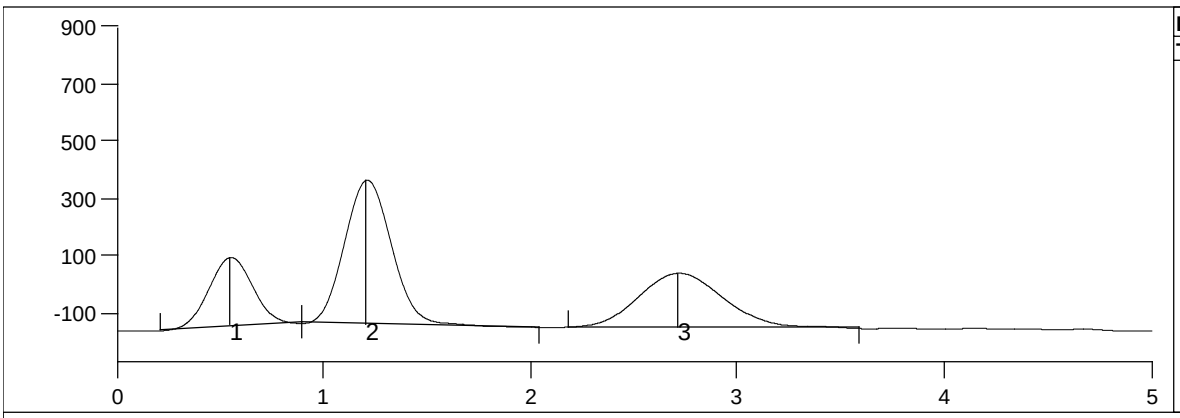


Date: 12/12/12
Time: 11:08 AM

Peak	rt	Height
1	0.53	360
2	1.20	255
3	2.69	162

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
8	B	STD	SEQ-CAL2		2	255	0.989		98.9	65-135	accept

Notes



Date: 12/12/12
Time: 11:14 AM

Peak	rt	Height
1	0.54	247
2	1.20	509
3	2.71	193

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
9	C	STD	SEQ-CAL3		2	509	2.02		101	65-135	accept

Notes

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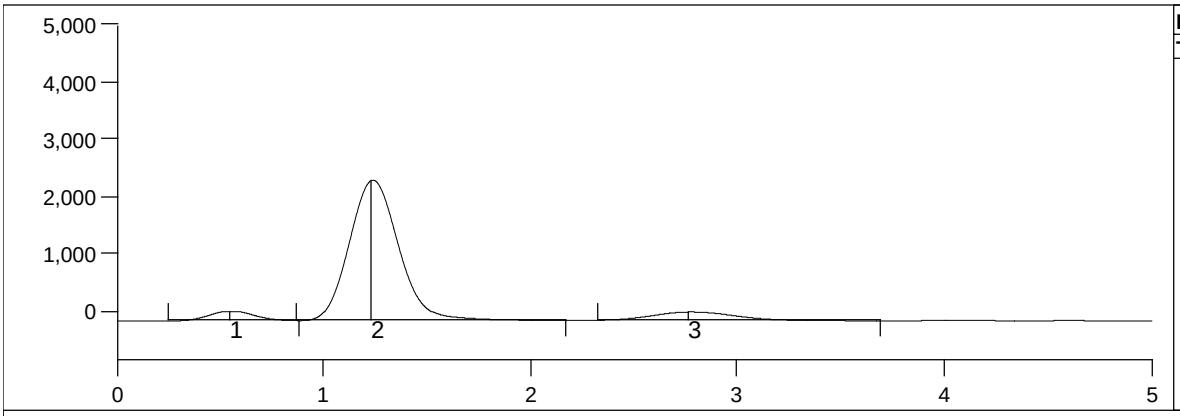
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

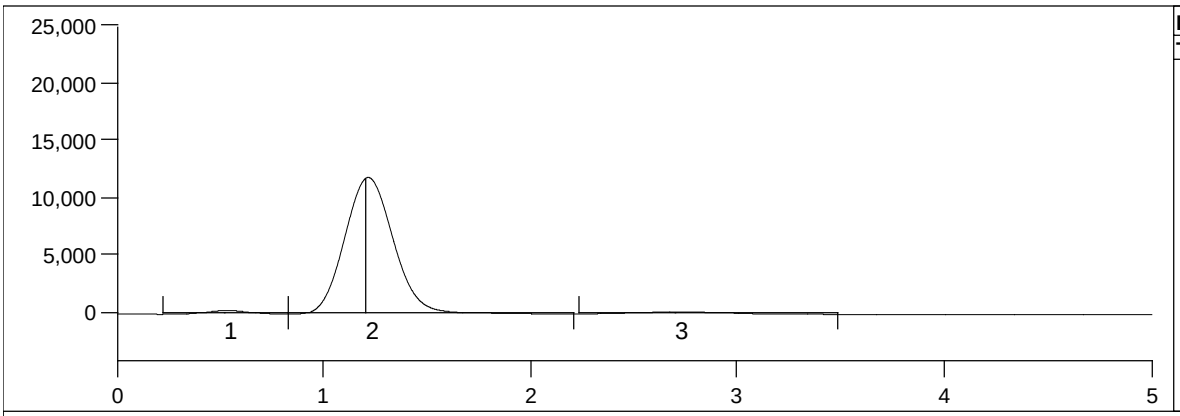


Date: 12/12/12
Time: 11:21 AM

Peak	rt	Height
1	0.54	174
2	1.23	2,476
3	2.77	147

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
10	A	STD	SEQ-CAL4		2	2,476	10.0		100.	65-135	accept

Notes

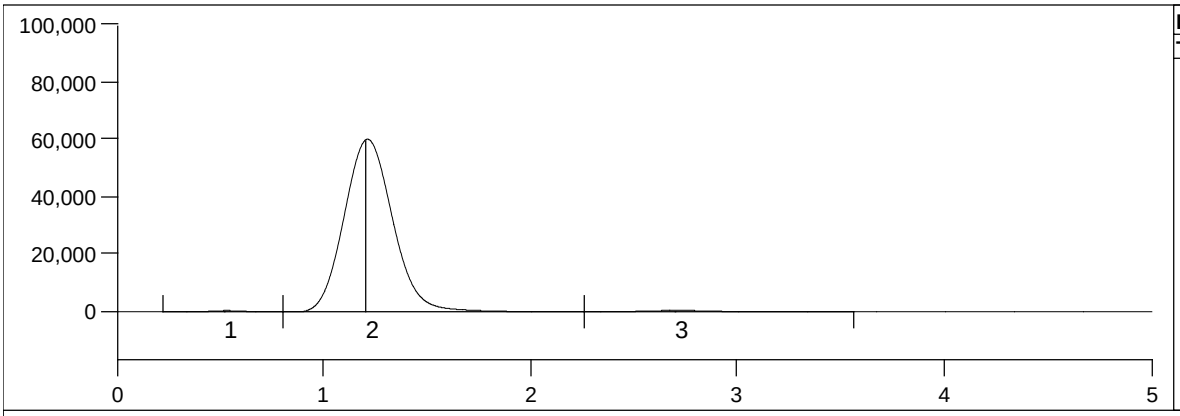


Date: 12/12/12
Time: 11:28 AM

Peak	rt	Height
1	0.53	377
2	1.21	12,016
3	2.70	263

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
11	B	STD	SEQ-CAL5		2	12,016	48.8		97.5	65-135	accept

Notes



Date: 12/12/12
Time: 11:34 AM

Peak	rt	Height
1	0.52	645
2	1.20	60,649
3	2.70	577

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
12	C	STD	SEQ-CAL6		2	60,649	246		98.5	65-135	accept

Notes

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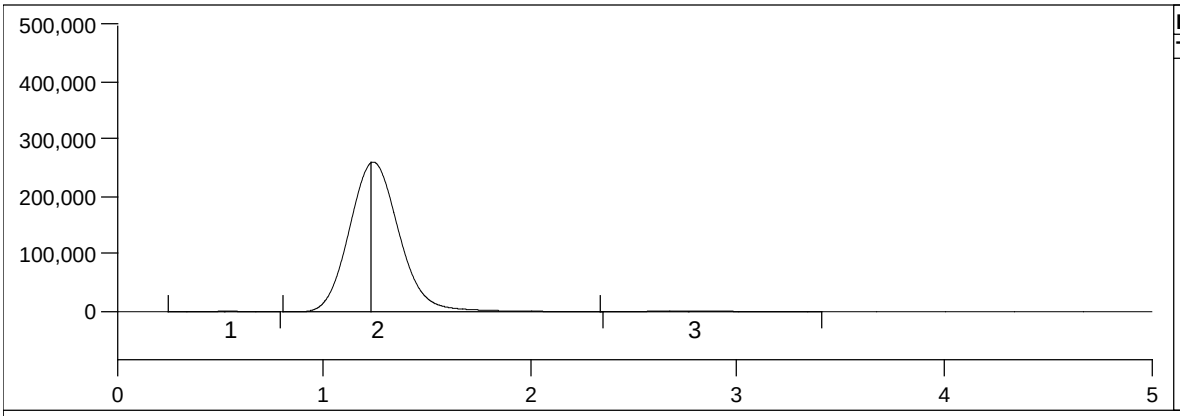
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

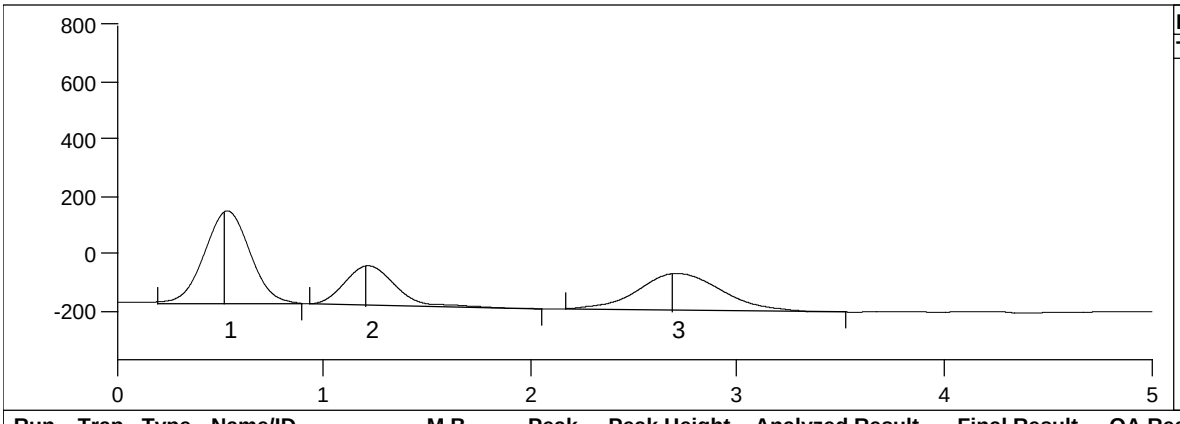


Date: 12/12/12
Time: 11:41 AM

Peak	rt	Height
1	0.53	1,423
2	1.23	262,607
3	2.77	1,513

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
13	A	STD	SEQ-CAL7		2	262,607	1,070		107	65-135	accept

Notes

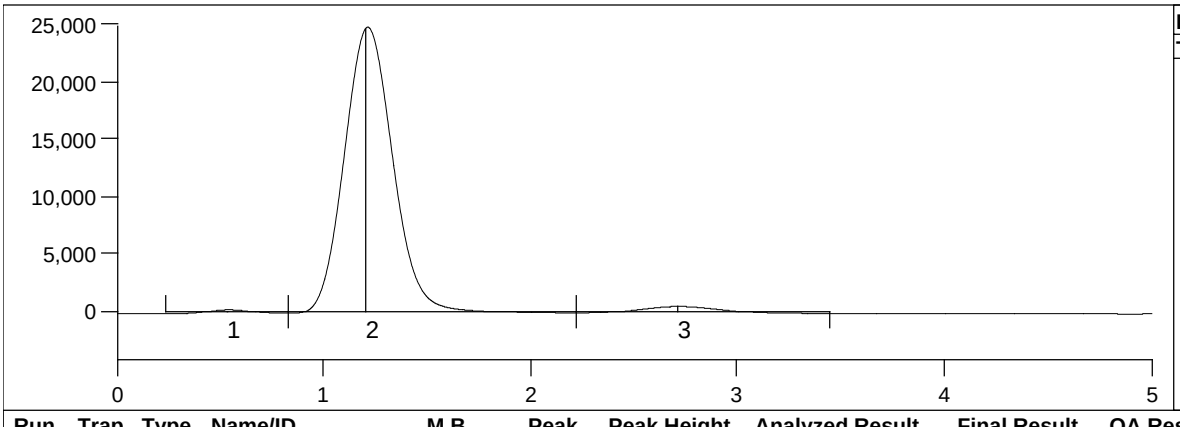


Date: 12/12/12
Time: 11:48 AM

Peak	rt	Height
1	0.53	321
2	1.21	137
3	2.69	128

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
14	B	CCB	SEQ-CCB		2	137	0.557		0.557	< 1.4	accept

Notes



Date: 12/12/12
Time: 11:54 AM

Peak	rt	Height
1	0.54	373
2	1.21	25,111
3	2.71	634

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
15	C	ICV	SEQ-ICV		2	25,111	102		102	80-120	accept

Notes

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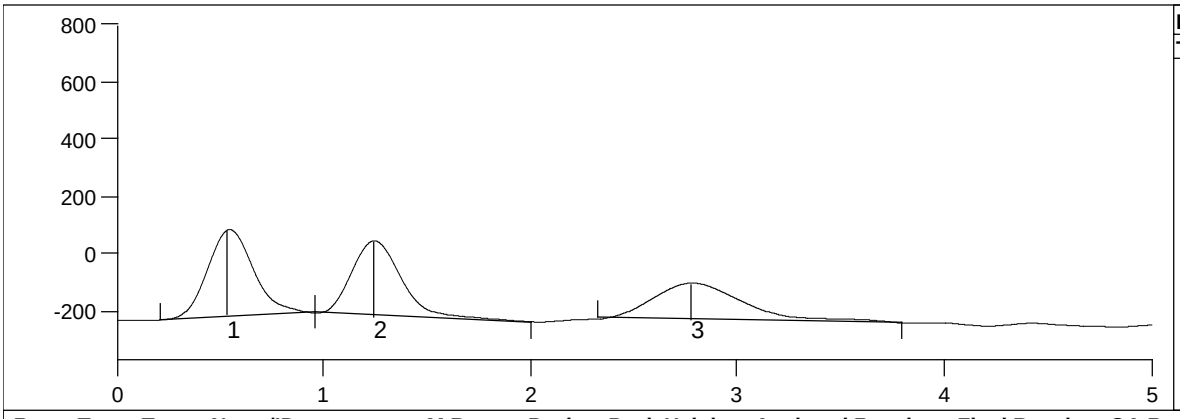
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

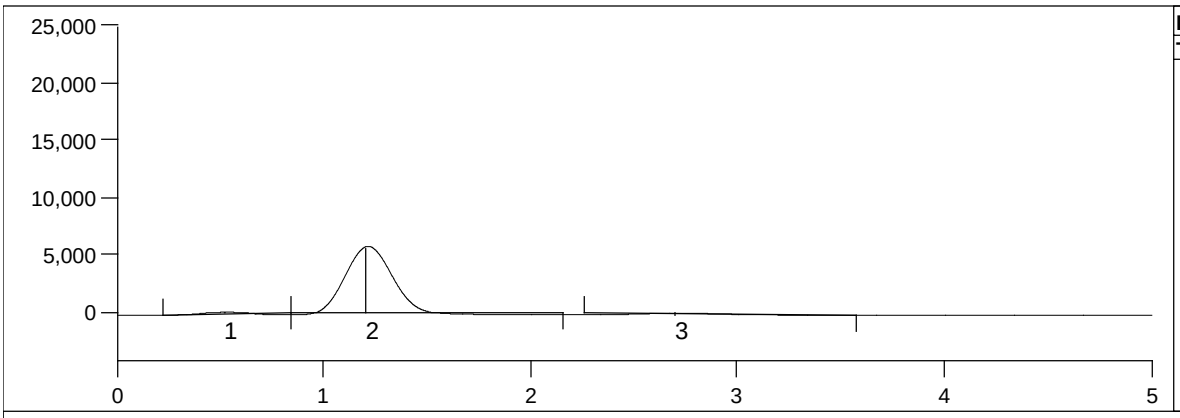


Date: 12/12/12
Time: 12:01 PM

Peak	rt	Height
1	0.54	309
2	1.24	263
3	2.78	133

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
16	A	CCB	SEQ-CCB		2	263	1.07		1.07	< 1.4	accept

Notes

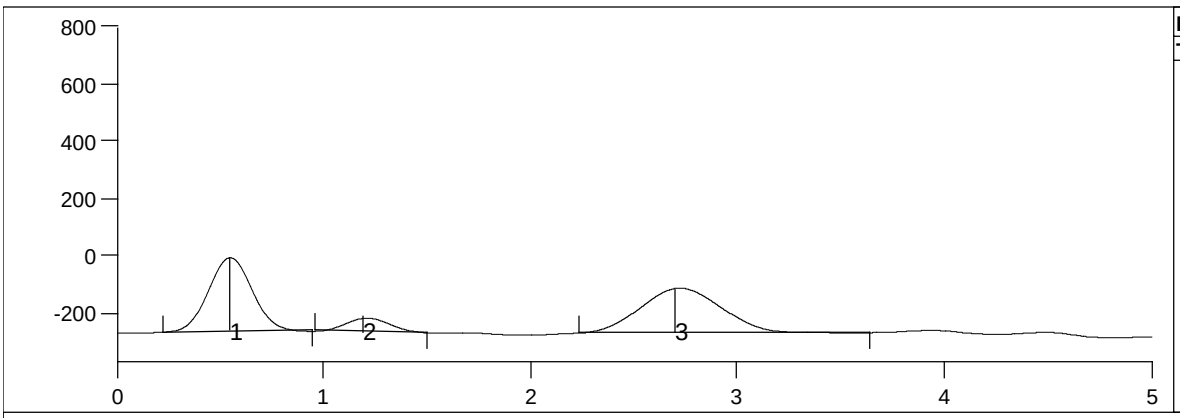


Date: 12/12/12
Time: 12:08 PM

Peak	rt	Height
1	0.52	315
2	1.21	6,063
3	2.70	161

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
17	B	CCV	SEQ-CCV		2	6,063	24.6		98.3	67-133	accept

Notes



Date: 12/12/12
Time: 12:14 PM

Peak	rt	Height
1	0.54	263
2	1.20	48
3	2.70	159

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
18	C	CCB	SEQ-CCB		2	48	0.195		0.195	< 1.4	accept

Notes

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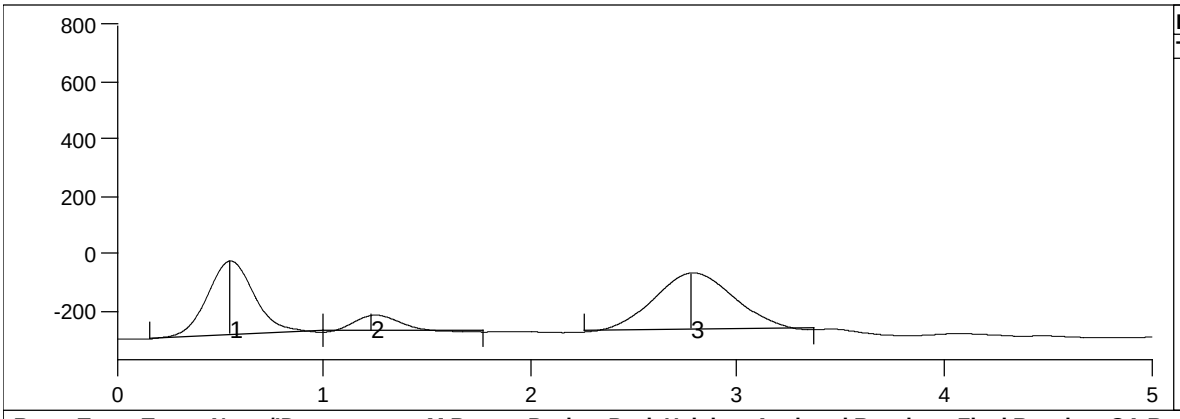
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

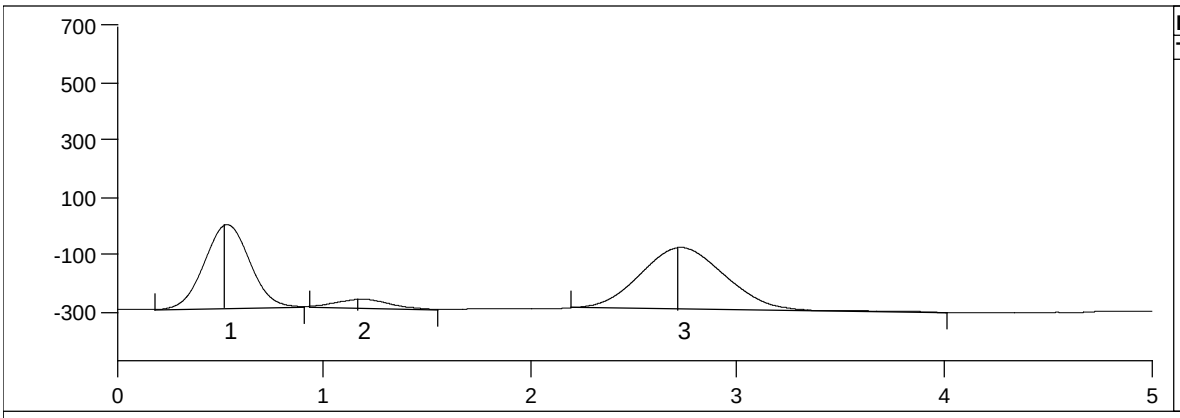


Date: 12/12/12
Time: 12:21 PM

Peak	rt	Height
1	0.54	265
2	1.24	59
3	2.78	206

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
19	A	CCB	SEQ-CCB		2	59	0.240		0.240	< 1.4	accept

Notes

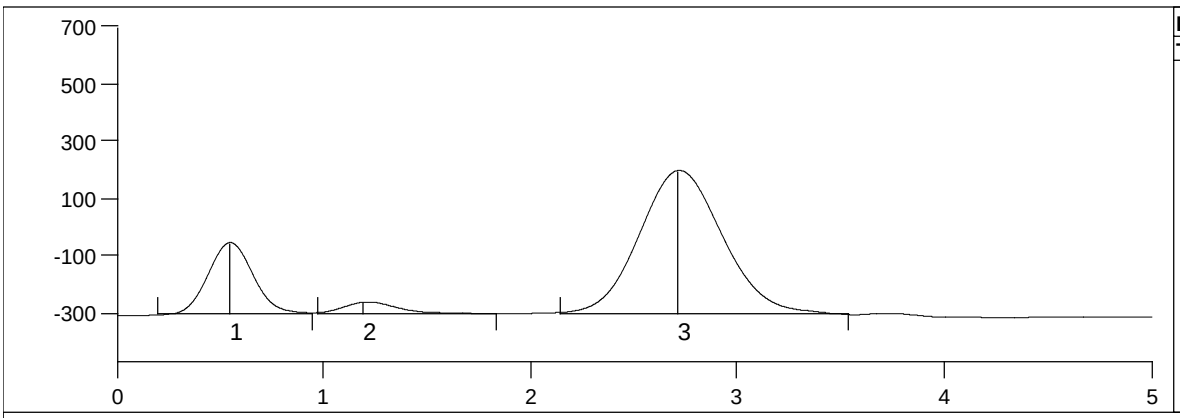


Date: 12/12/12
Time: 12:28 PM

Peak	rt	Height
1	0.53	293
2	1.17	28
3	2.71	215

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
20	B	CCB	SEQ-CCB		2	28	0.114		0.114	< 1.4	accept

Notes



Date: 12/12/12
Time: 12:34 PM

Peak	rt	Height
1	0.54	252
2	1.20	38
3	2.71	501

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
21	C	S	B122047-BLK1		2	38	0.107	0.00		< HS	accept

Notes

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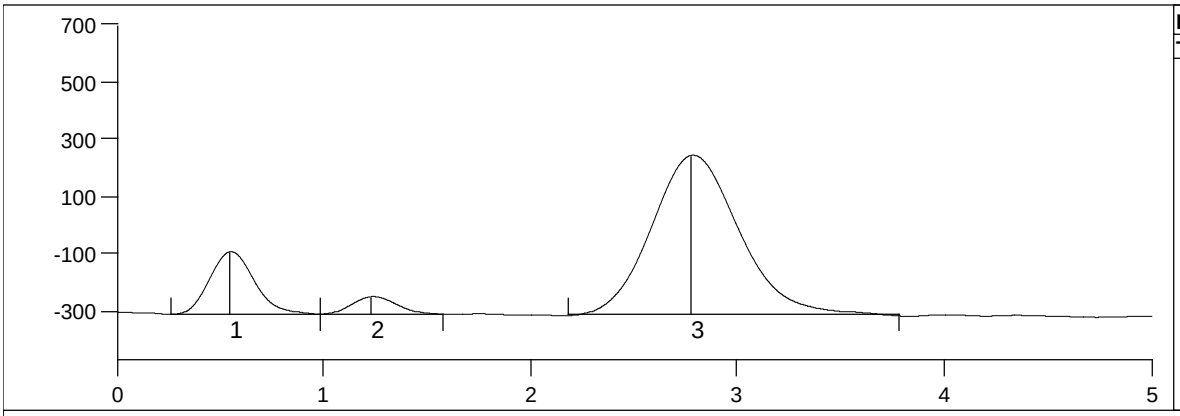
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

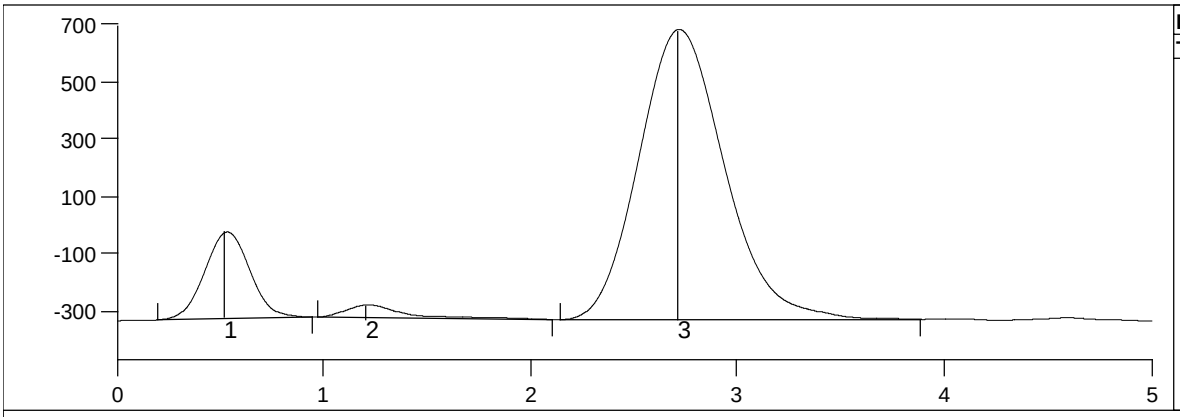


Date: 12/12/12
Time: 12:41 PM

Peak	rt	Height
1	0.54	222
2	1.23	64
3	2.78	565

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
22	A	S	B122047-BLK2		2	64	0.213	0.00		< HS	accept

Notes

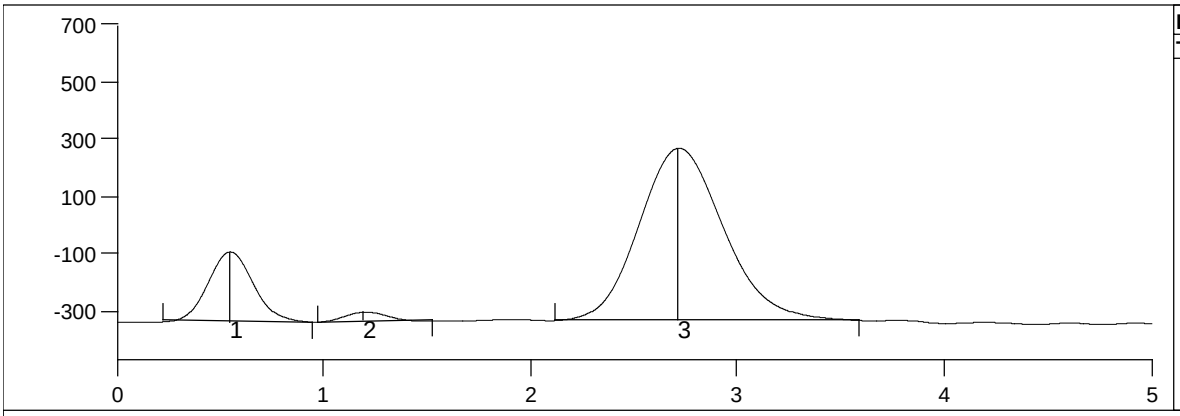


Date: 12/12/12
Time: 12:48 PM

Peak	rt	Height
1	0.53	308
2	1.20	47
3	2.71	1,019

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
23	B	S	B122047-BLK3		2	47	0.144	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 12:54 PM

Peak	rt	Height
1	0.54	248
2	1.19	34
3	2.71	606

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
24	C	S	B122047-BLK4		2	34	0.0907	0.00		< HS	accept

Notes

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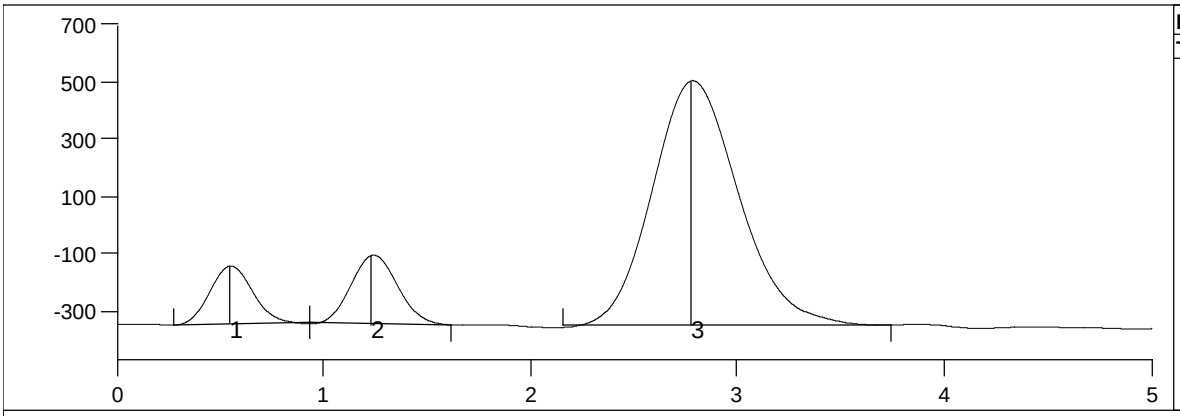
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

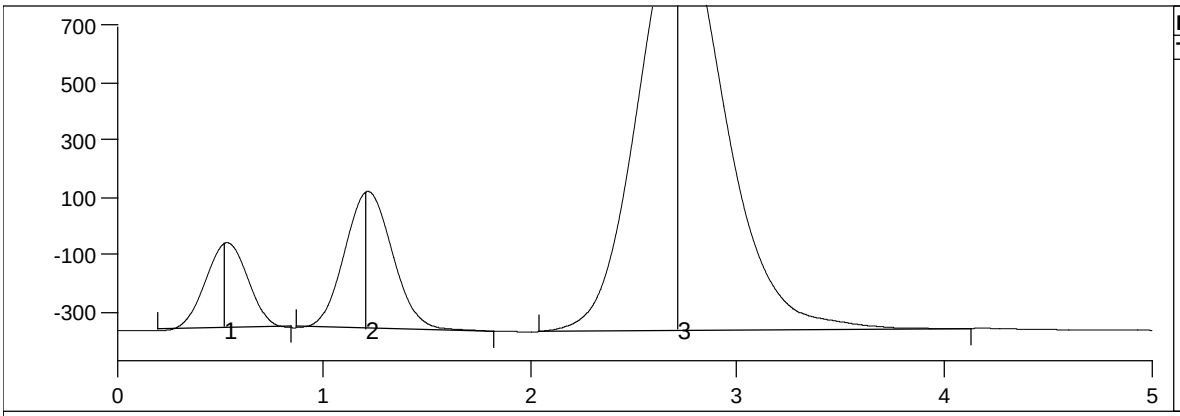


Date: 12/12/12
Time: 1:01 PM

Peak	rt	Height
1	0.54	208
2	1.23	244
3	2.78	864

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
25	A	S	B122047-BS1		2	244	0.944	0.00		< HS	accept

Notes

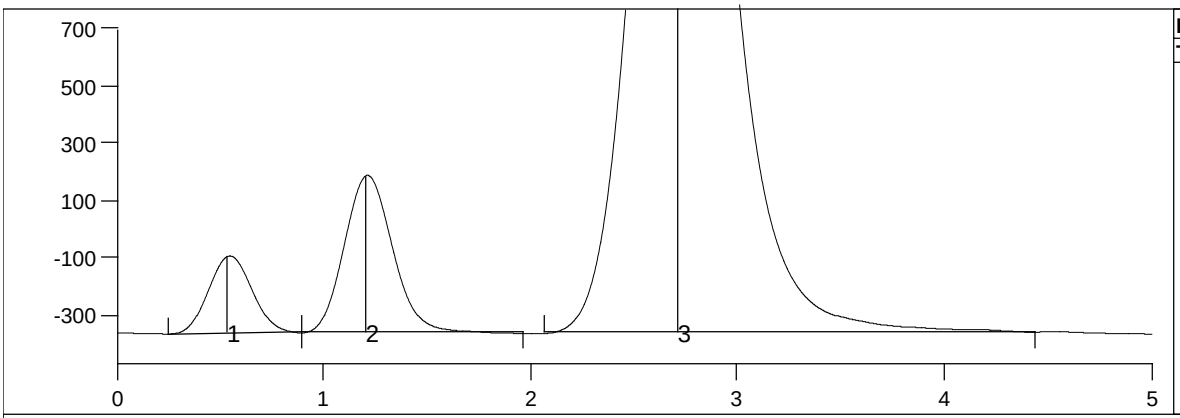


Date: 12/12/12
Time: 1:08 PM

Peak	rt	Height
1	0.52	306
2	1.21	483
3	2.71	1,450

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
26	B	S	B122047-BS2		2	483	1.91	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 1:14 PM

Peak	rt	Height
1	0.54	275
2	1.20	555
3	2.71	3,285

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
27	C	S	B122047-BS3		2	555	2.21	0.00		< HS	accept

Notes

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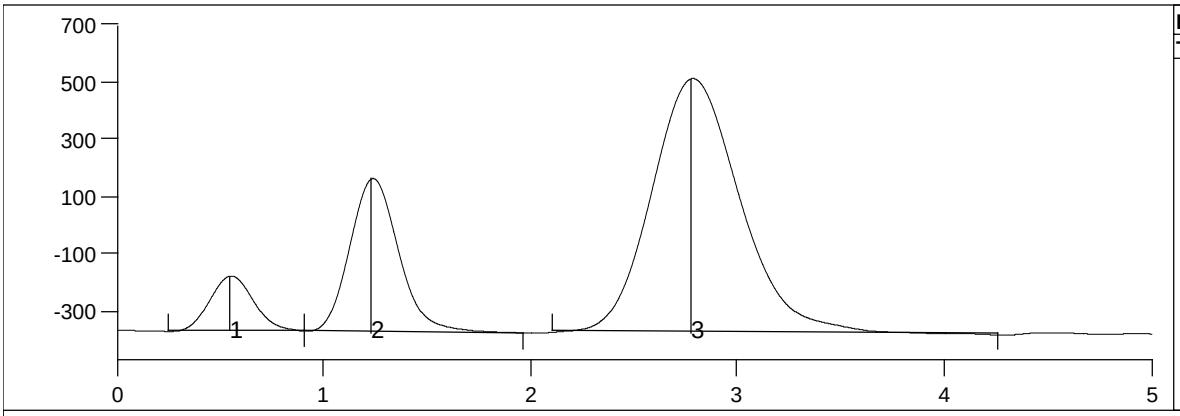
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

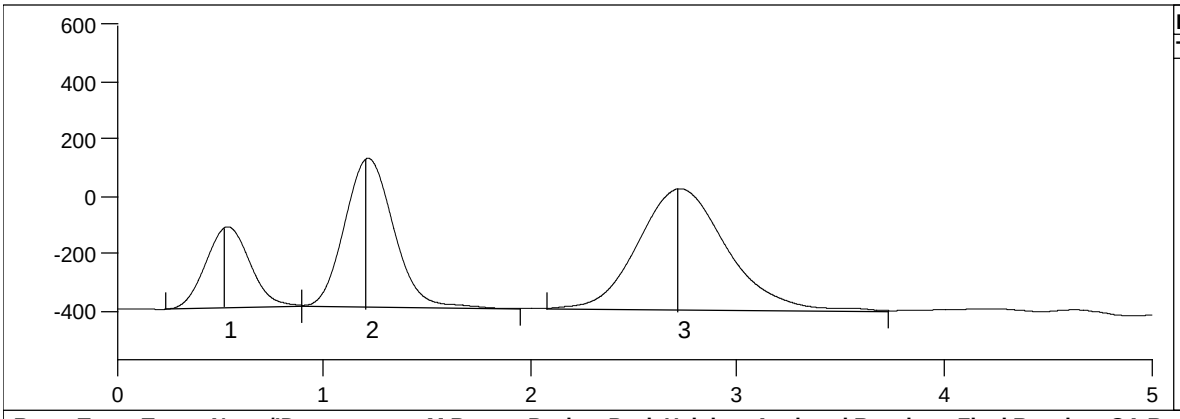


Date: 12/12/12
Time: 1:21 PM

Peak	rt	Height
1	0.55	197
2	1.23	539
3	2.78	894

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
28	A	S	B122047-BS4		2	539	2.14	0.00		< HS	accept

Notes

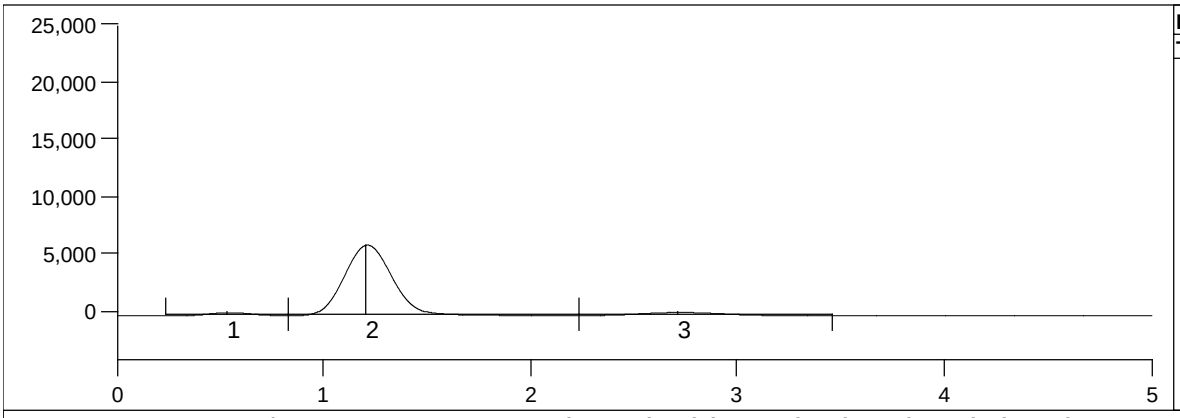


Date: 12/12/12
Time: 1:28 PM

Peak	rt	Height
1	0.53	284
2	1.21	519
3	2.72	421

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
29	B	S	B122047-BS5		2	519	2.06	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 1:34 PM

Peak	rt	Height
1	0.54	275
2	1.20	6,235
3	2.71	282

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
30	C	CCV	SEQ-CCV		2	6,235	25.3		101	67-133	accept

Notes

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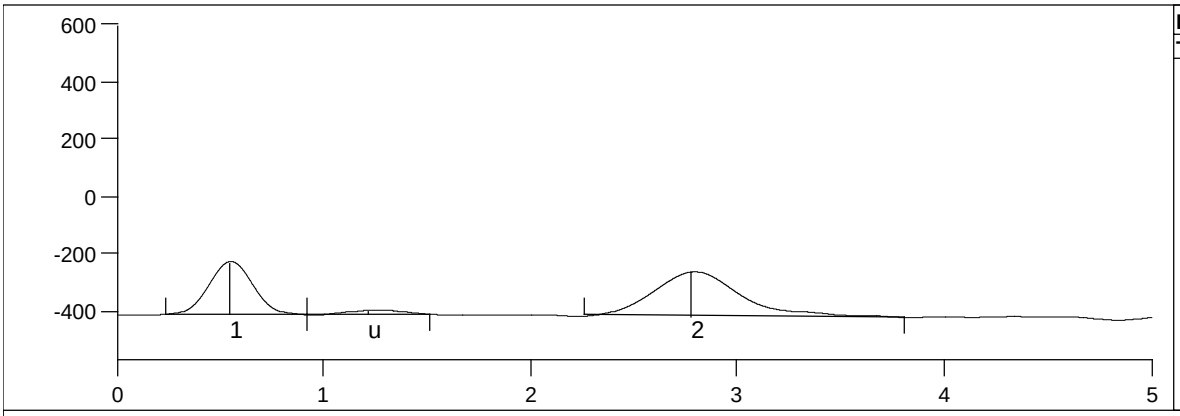
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

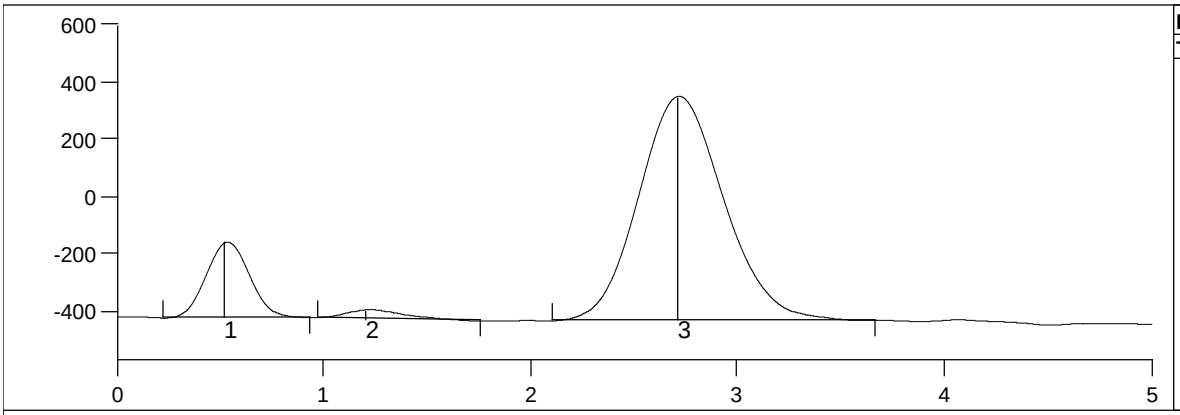


Date: 12/12/12
Time: 1:41 PM

Peak	rt	Height
1	0.54	188
2	2.78	160
u	1.22	19

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
31	A	CCB	SEQ-CCB		u	19	0.0772		0.0772	< 1.4	accept

Notes

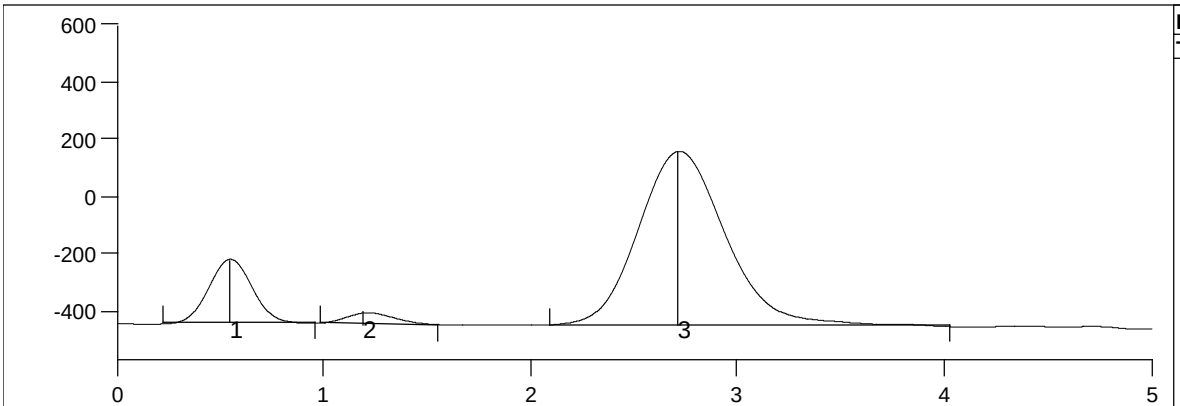


Date: 12/12/12
Time: 1:48 PM

Peak	rt	Height
1	0.53	268
2	1.20	33
3	2.71	789

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
32	B	S	B122187-BLK1		2	33	0.0867	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 1:54 PM

Peak	rt	Height
1	0.54	229
2	1.20	37
3	2.71	612

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
33	C	S	B122187-BLK2		2	37	0.103	0.00		< HS	accept

Notes

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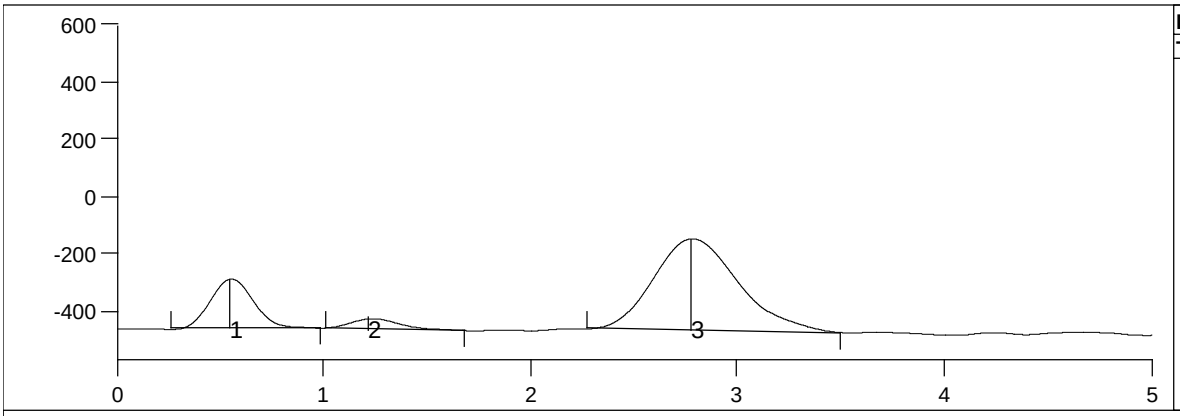
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

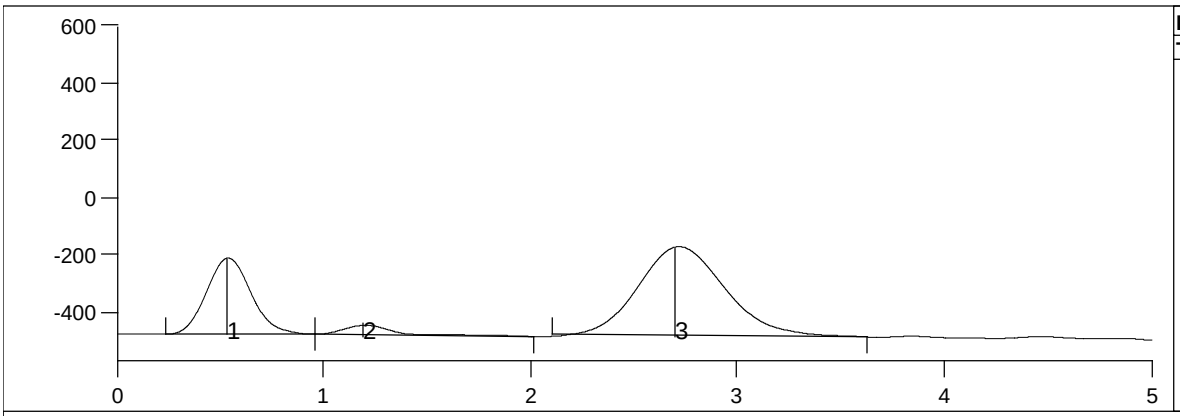


Date: 12/12/12
Time: 2:01 PM

Peak	rt	Height
1	0.55	179
2	1.22	35
3	2.77	323

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
34	A	S	B122187-BLK3		2	35	0.0948	0.00		< HS	accept

Notes

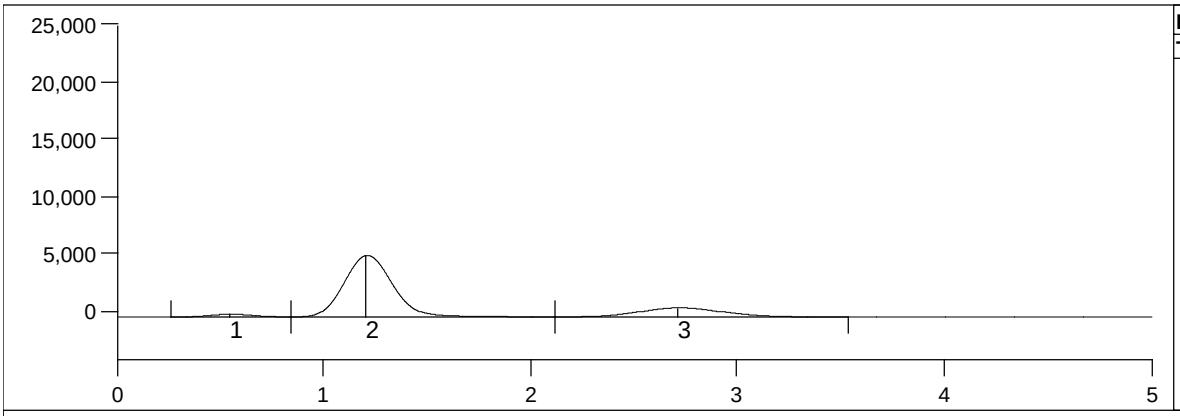


Date: 12/12/12
Time: 2:08 PM

Peak	rt	Height
1	0.53	269
2	1.19	33
3	2.70	317

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
35	B	S	B122187-BLK4		2	33	0.0867	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 2:14 PM

Peak	rt	Height
1	0.54	238
2	1.20	5,442
3	2.71	862

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
36	C	S	B122187-BS1		2	5,442	22.1	0.00		< HS	accept

Notes

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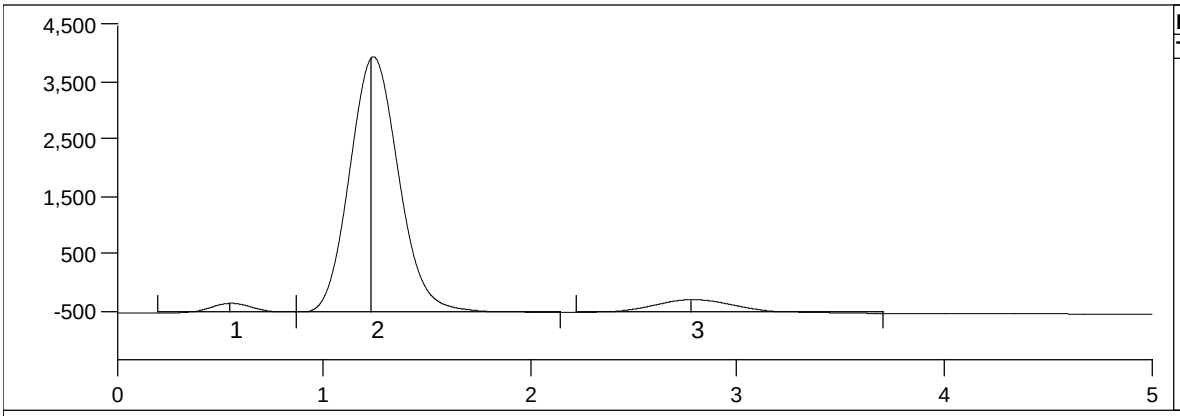
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

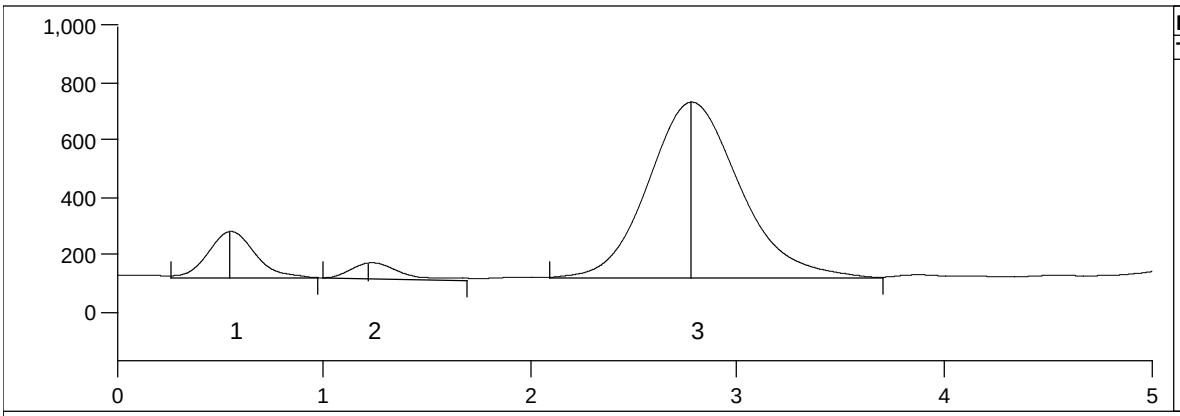


Date: 12/12/12
Time: 2:21 PM

Peak	rt	Height
1	0.55	173
2	1.23	4,484
3	2.77	245

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
37	A	S	B122187-BS2		2	4,484	18.2	0.00		< HS	accept

Notes

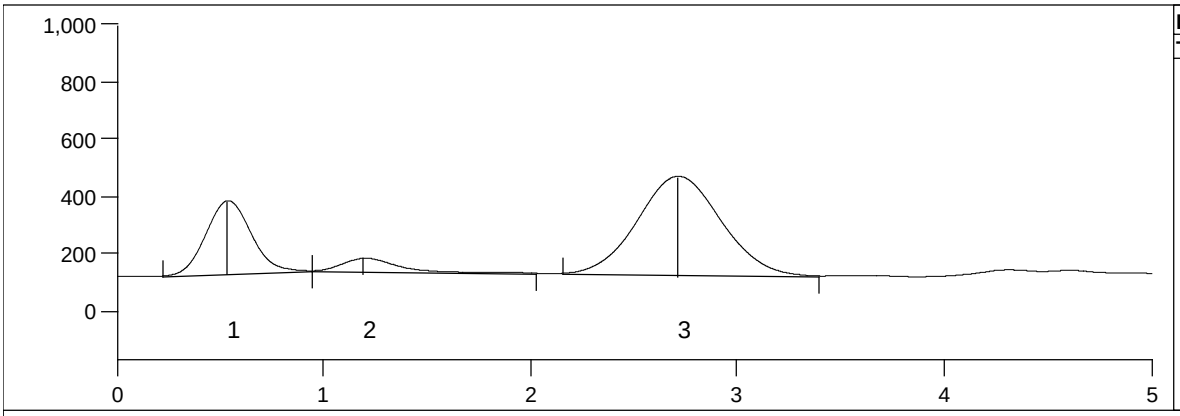


Date: 12/12/12
Time: 5:11 PM

Peak	rt	Height
1	0.54	158
2	1.22	53
3	2.77	613

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
38	A	S	rinse		2	53	0.168	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 5:18 PM

Peak	rt	Height
1	0.53	256
2	1.19	46
3	2.71	344

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
39	B	S	rinse		2	46	0.139	0.00		< HS	accept

Notes

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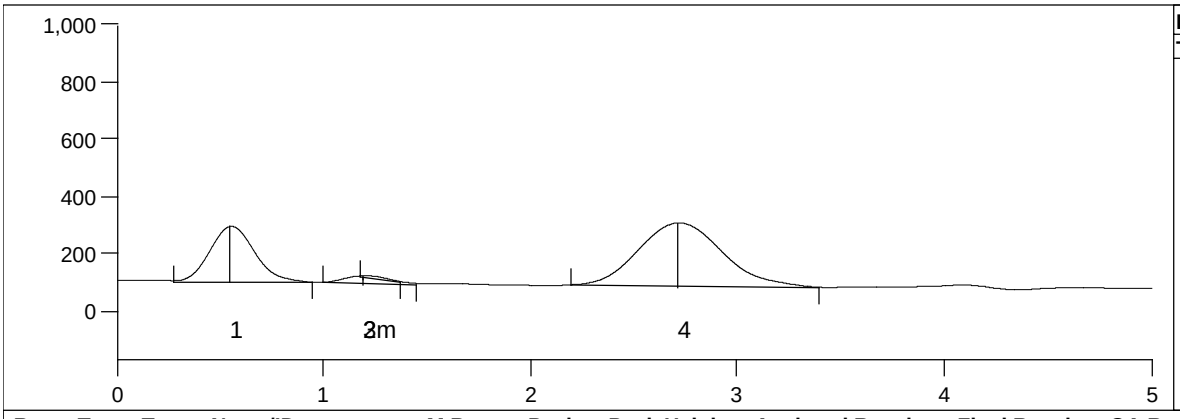
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

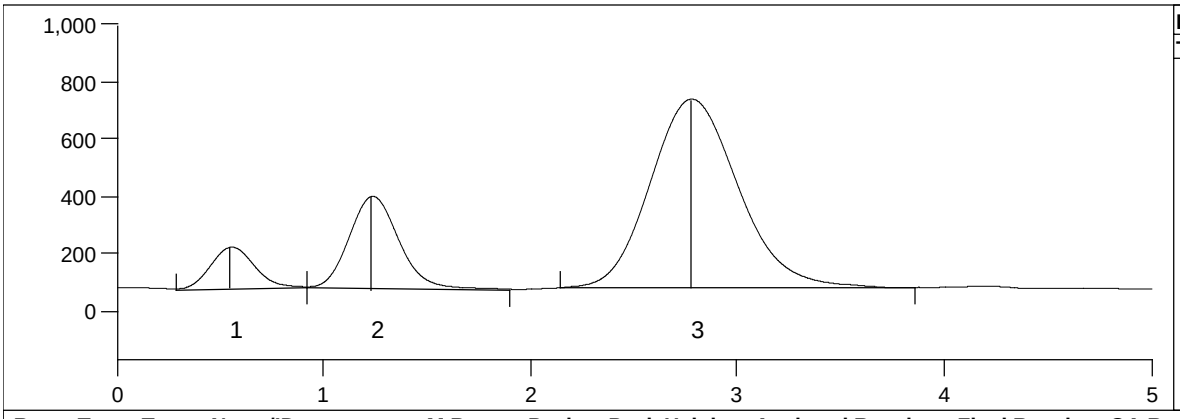


Date: 12/12/12
Time: 5:24 PM

Peak	rt	Height
1	0.55	193
2m	1.19	25
3	1.20	2
4	2.71	221

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
40	C	S	rinse		2m	25	0.0542	0.00		< HS	accept

Notes

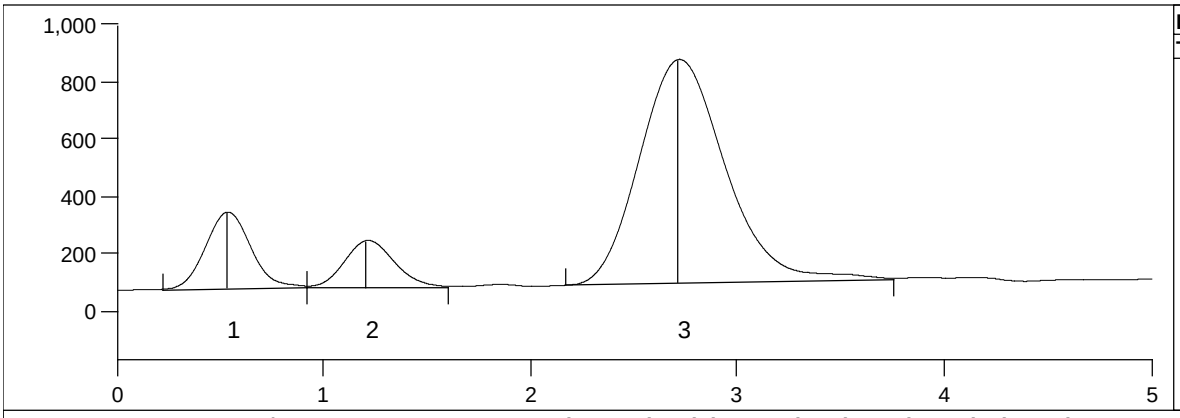


Date: 12/12/12
Time: 5:31 PM

Peak	rt	Height
1	0.55	144
2	1.23	320
3	2.77	660

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
41	A	S	1246011-01		2	320	1.25	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 5:38 PM

Peak	rt	Height
1	0.53	266
2	1.21	160
3	2.71	784

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
42	B	S	1246011-03		2	160	0.603	0.00		< HS	accept

Notes

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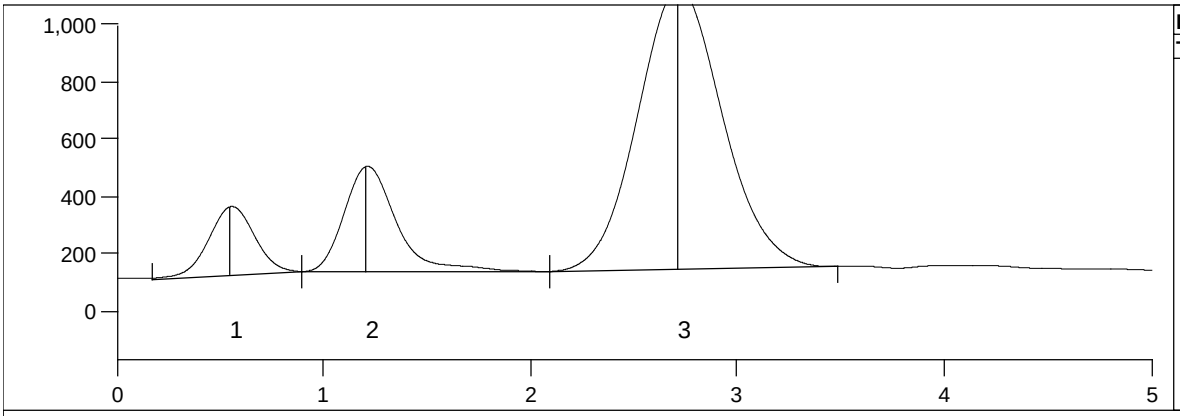
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

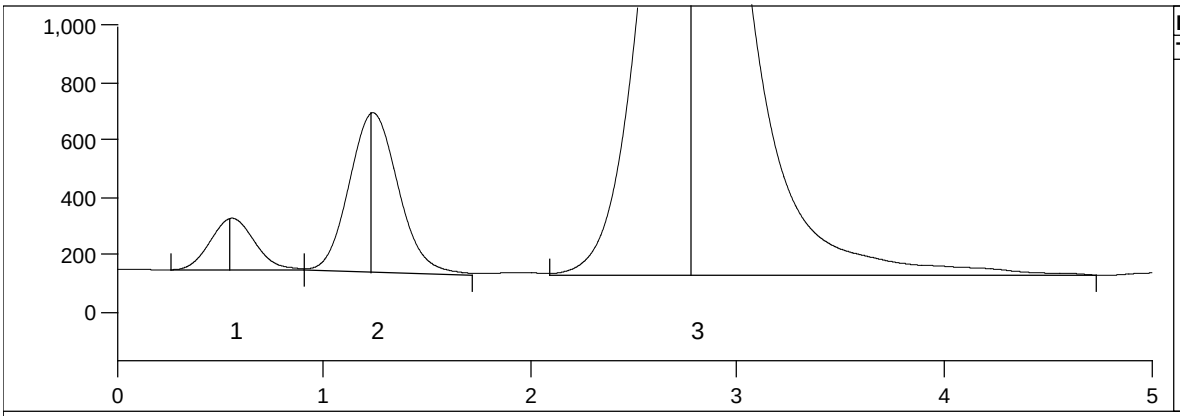


Date: 12/12/12
Time: 5:44 PM

Peak	rt	Height
1	0.55	240
2	1.20	369
3	2.71	988

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
43	C	S	1246011-05		2	369	1.45	0.00		< HS	accept

Notes

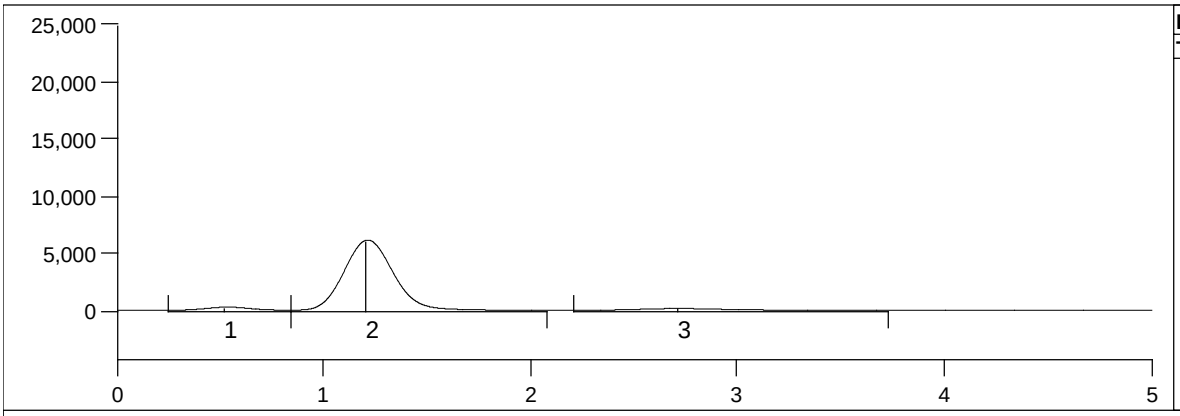


Date: 12/12/12
Time: 5:51 PM

Peak	rt	Height
1	0.55	180
2	1.23	552
3	2.77	2,587

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
44	A	S	1246011-07		2	552	2.20	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 5:58 PM

Peak	rt	Height
1	0.53	277
2	1.21	6,150
3	2.71	163

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
45	B	CCV	SEQ-CCV		2	6,150	24.9		99.8	67-133	accept

Notes

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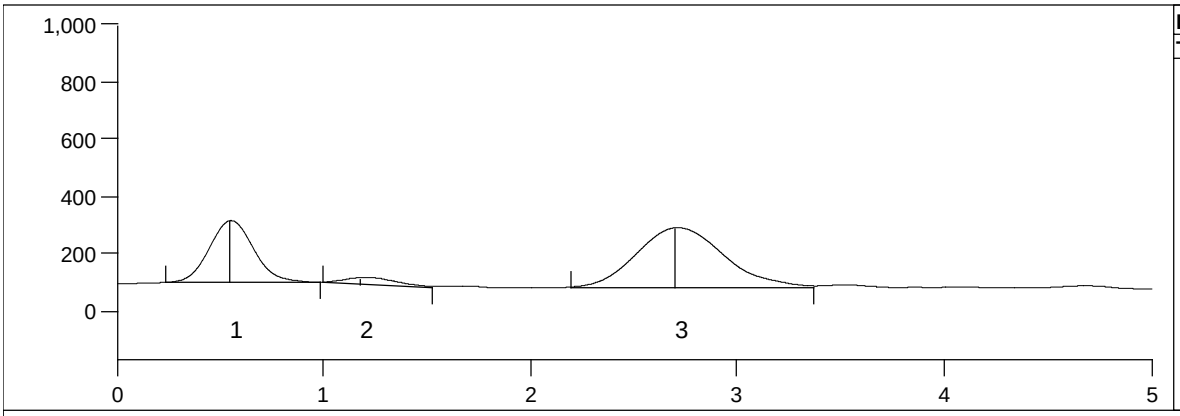
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

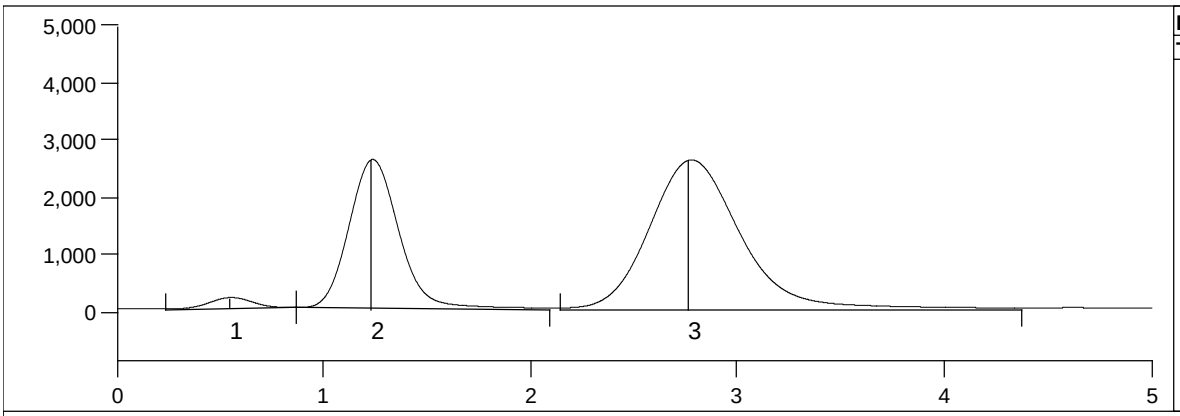


Date: 12/12/12
Time: 6:04 PM

Peak	rt	Height
1	0.54	217
2	1.17	21
3	2.70	207

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
46	C	CCB	SEQ-CCB		2	21	0.0853		0.0853	< 1.4	accept

Notes

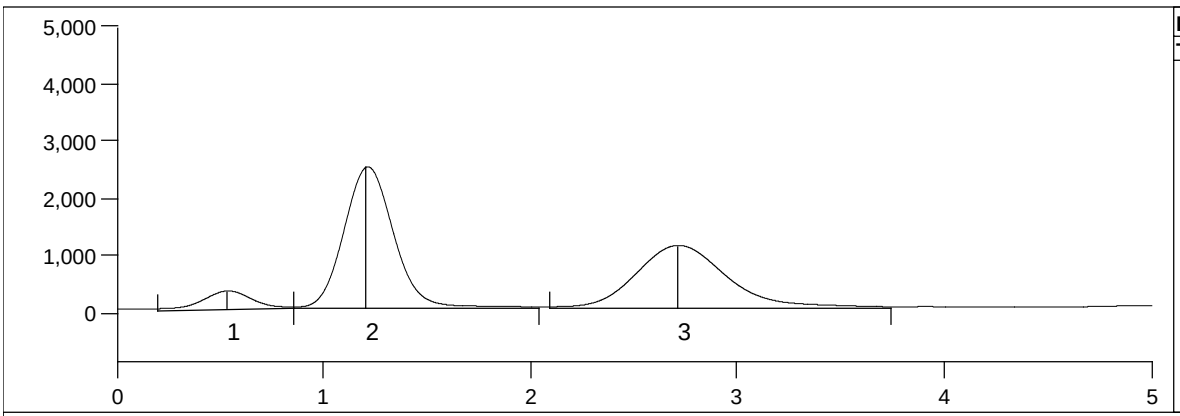


Date: 12/12/12
Time: 6:11 PM

Peak	rt	Height
1	0.55	188
2	1.23	2,597
3	2.77	2,593

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
47	A	S	B122187-MS1		2	2,597	10.5	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 6:18 PM

Peak	rt	Height
1	0.53	296
2	1.21	2,458
3	2.71	1,076

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
48	B	S	B122187-MSD1		2	2,458	9.94	0.00		< HS	accept

Notes

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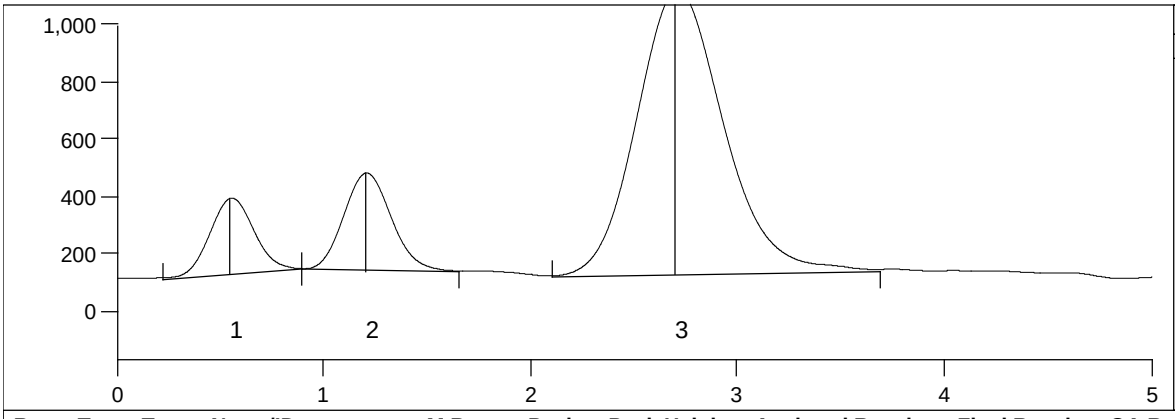
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

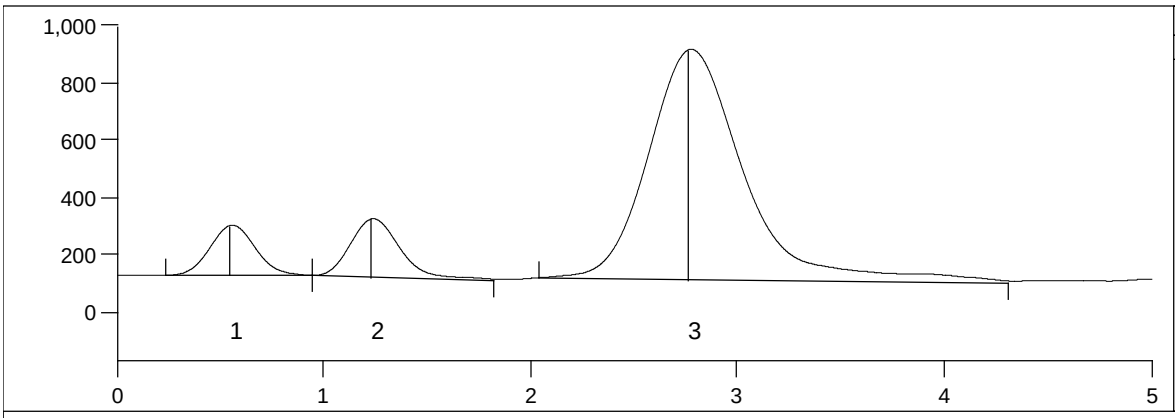


Date: 12/12/12
Time: 6:24 PM

Peak	rt	Height
1	0.55	265
2	1.20	339
3	2.70	995

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
49	C	S	1246011-09		2	339	1.33	0.00		< HS	accept

Notes

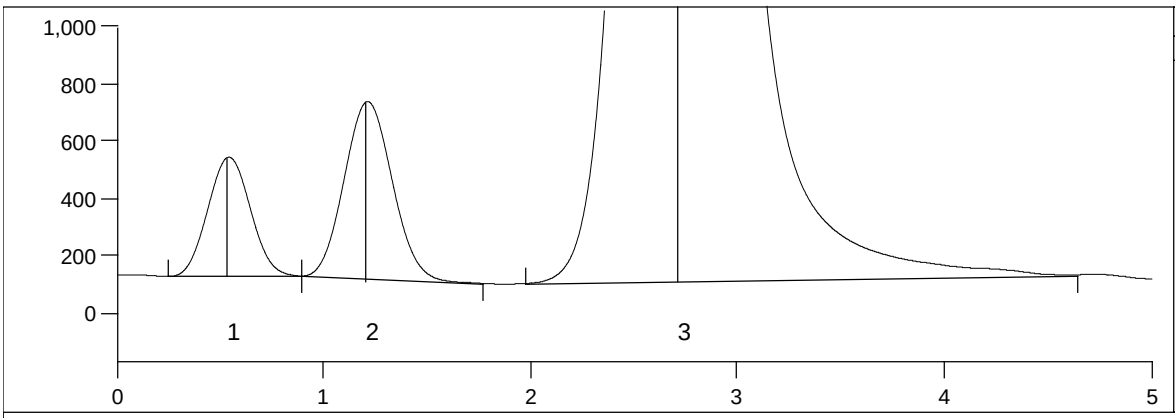


Date: 12/12/12
Time: 6:31 PM

Peak	rt	Height
1	0.55	176
2	1.23	202
3	2.77	803

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
50	A	S	1246011-11		2	202	0.773	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 6:38 PM

Peak	rt	Height
1	0.54	419
2	1.20	621
3	2.71	7,242

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
51	B	S	1246011-13		2	621	2.48	0.00		< HS	accept

Notes

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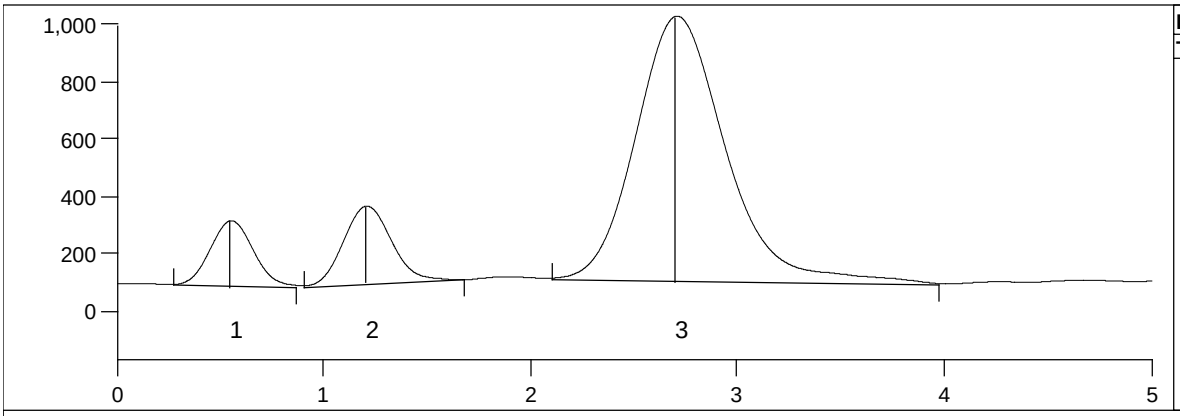
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

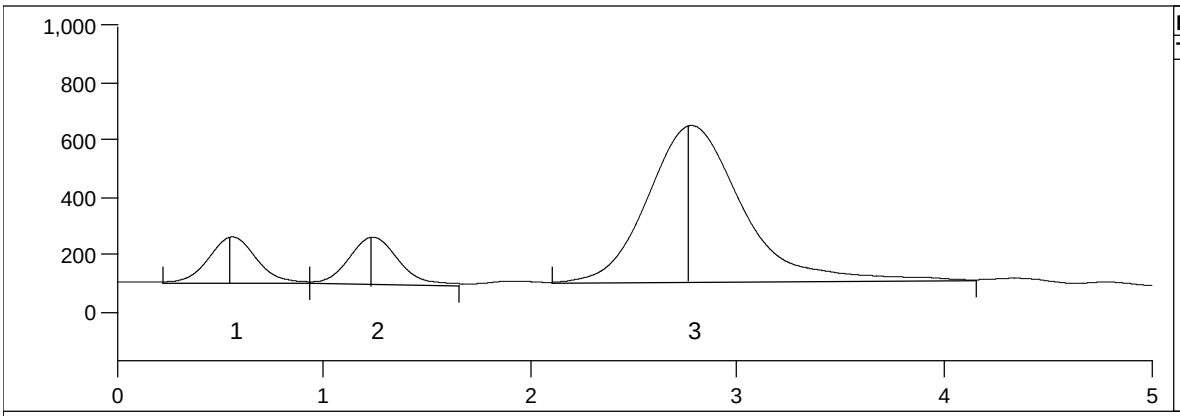


Date: 12/12/12
Time: 6:44 PM

Peak	rt	Height
1	0.55	225
2	1.20	272
3	2.70	924

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
52	C	S	1246011-15		2	272	1.06	0.00		< HS	accept

Notes

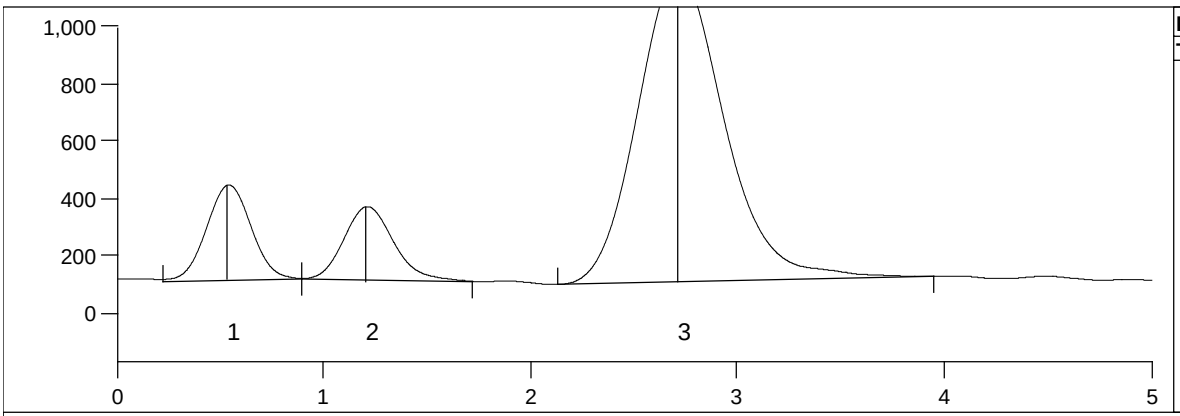


Date: 12/12/12
Time: 6:51 PM

Peak	rt	Height
1	0.55	158
2	1.23	159
3	2.77	547

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
53	A	S	1246011-17		2	159	0.599	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 6:58 PM

Peak	rt	Height
1	0.54	330
2	1.20	255
3	2.71	1,090

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
54	B	S	1246011-19		2	255	0.989	0.00		< HS	accept

Notes

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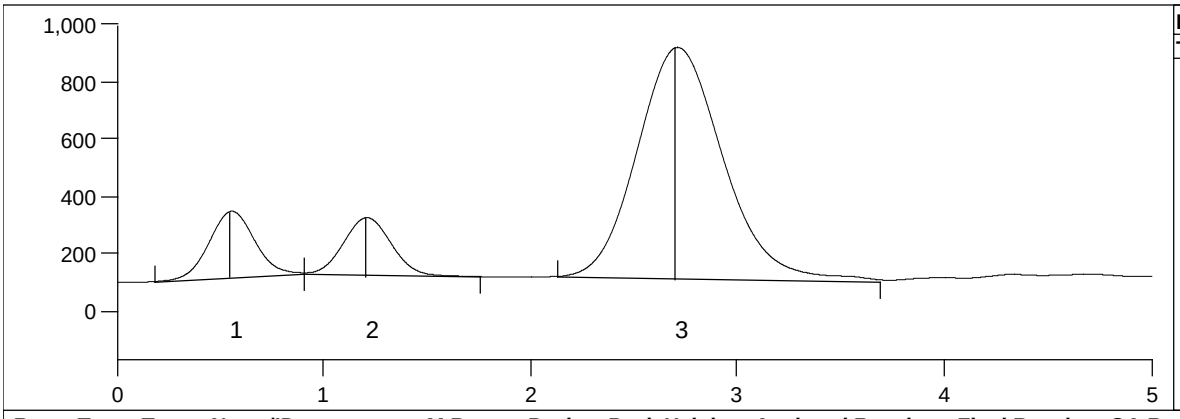
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

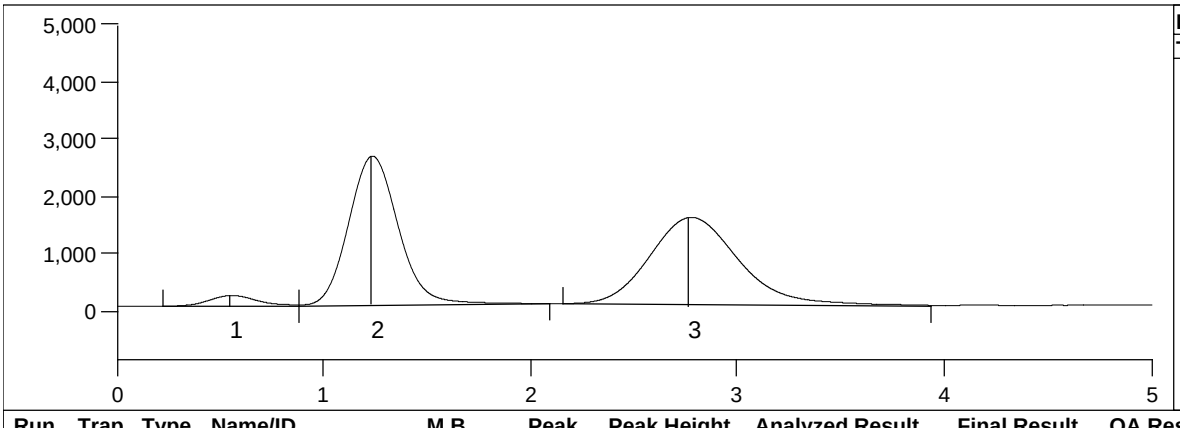


Date: 12/12/12
Time: 7:04 PM

Peak	rt	Height
1	0.55	231
2	1.20	198
3	2.70	807

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
55	C	S	1246011-21		2	198	0.757	0.00		< HS	accept

Notes

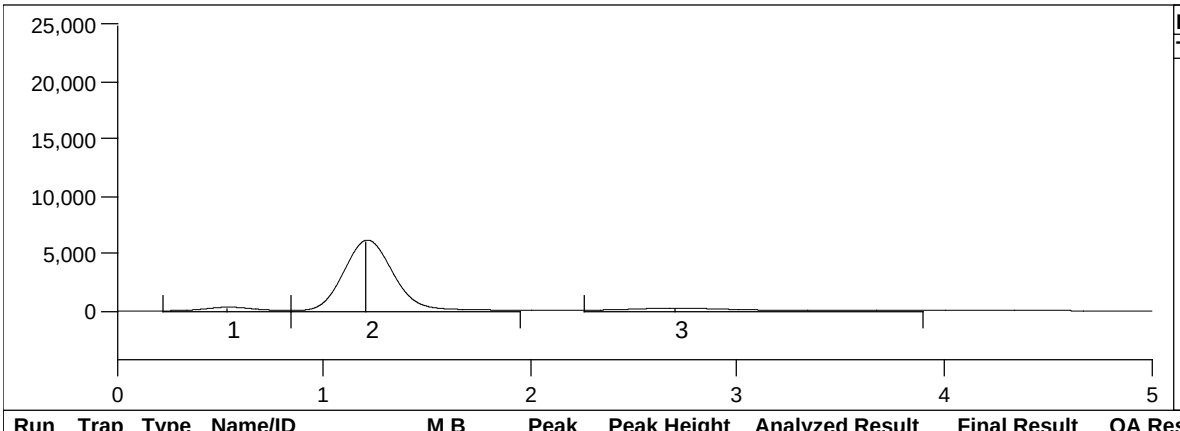


Date: 12/12/12
Time: 7:11 PM

Peak	rt	Height
1	0.55	178
2	1.23	2,602
3	2.77	1,522

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
56	A	S	B122187-MS2		2	2,602	10.5	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 7:18 PM

Peak	rt	Height
1	0.53	307
2	1.20	6,162
3	2.69	187

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
57	B	CCV	SEQ-CCV		2	6,162	25.0		100.	67-133	accept

Notes

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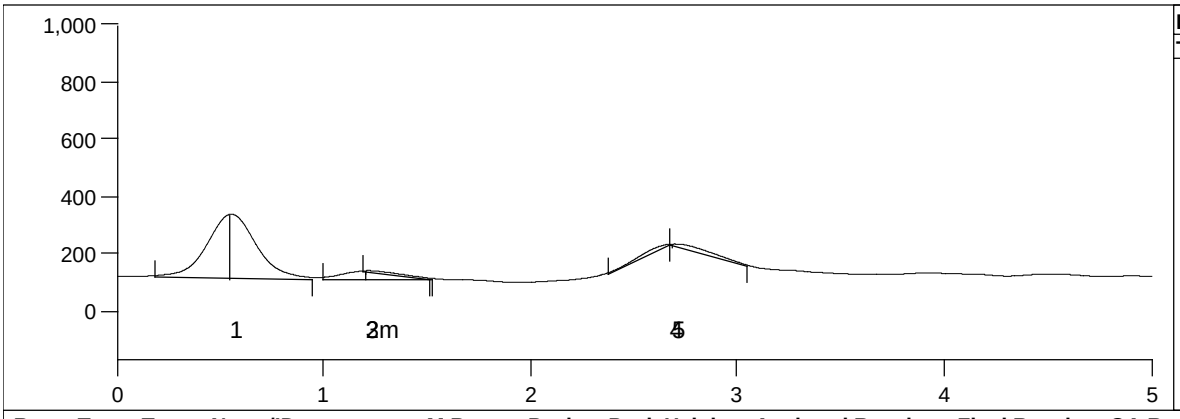
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

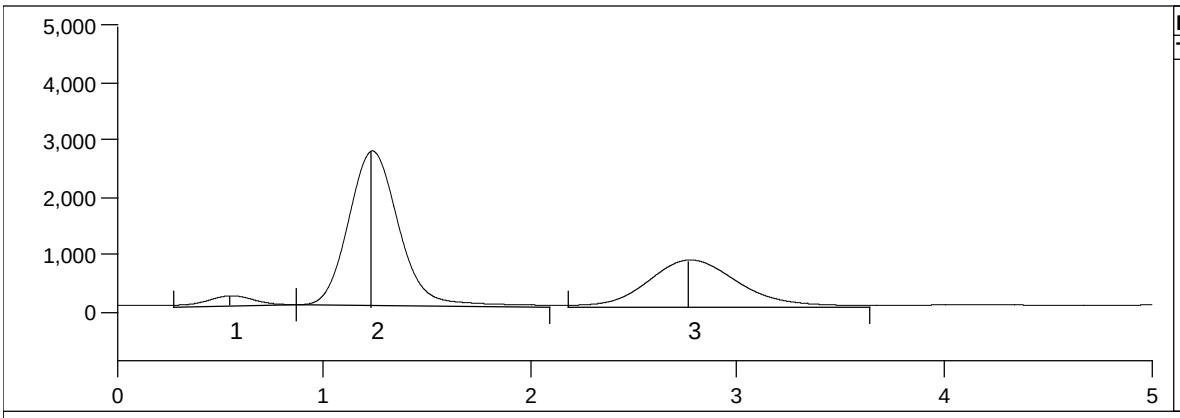


Date: 12/12/12
Time: 7:24 PM

Peak	rt	Height
1	0.55	218
2m	1.20	25
3	1.21	2
4	2.67	2
5	2.69	3

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
58	C	CCB	SEQ-CCB		2m	25	0.102		0.102	< 1.4	accept

Notes

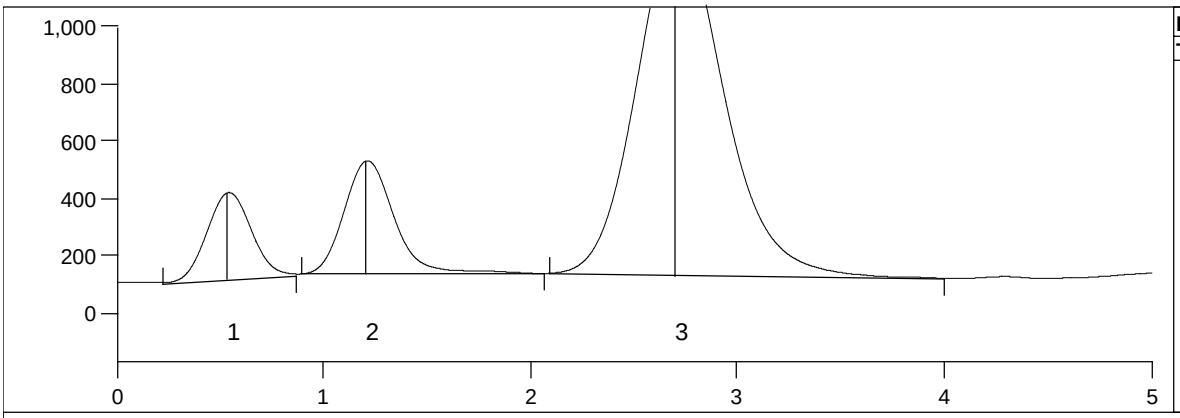


Date: 12/12/12
Time: 7:31 PM

Peak	rt	Height
1	0.55	161
2	1.23	2,696
3	2.76	795

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
59	A	S	B122187-MSD2		2	2,696	10.9	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 7:38 PM

Peak	rt	Height
1	0.54	302
2	1.20	396
3	2.70	1,222

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
60	B	S	1246011-23		2	396	1.56	0.00		< HS	accept

Notes

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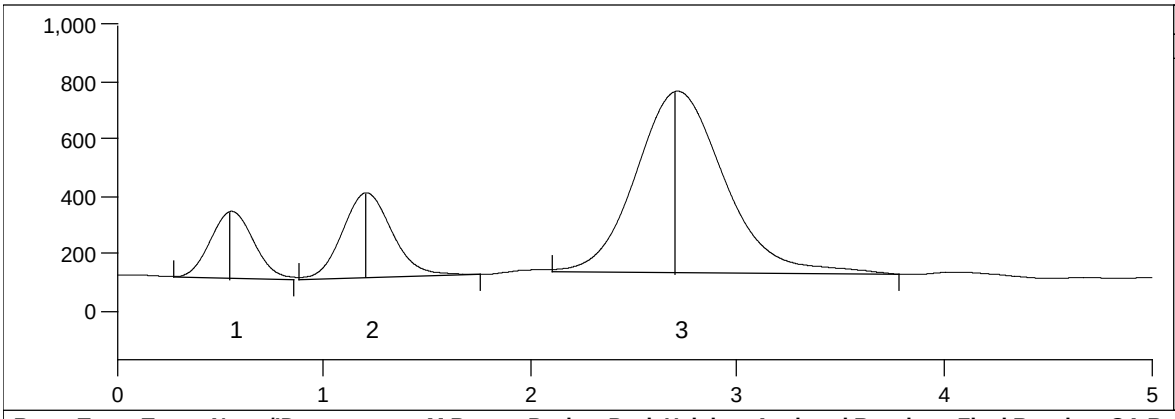
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

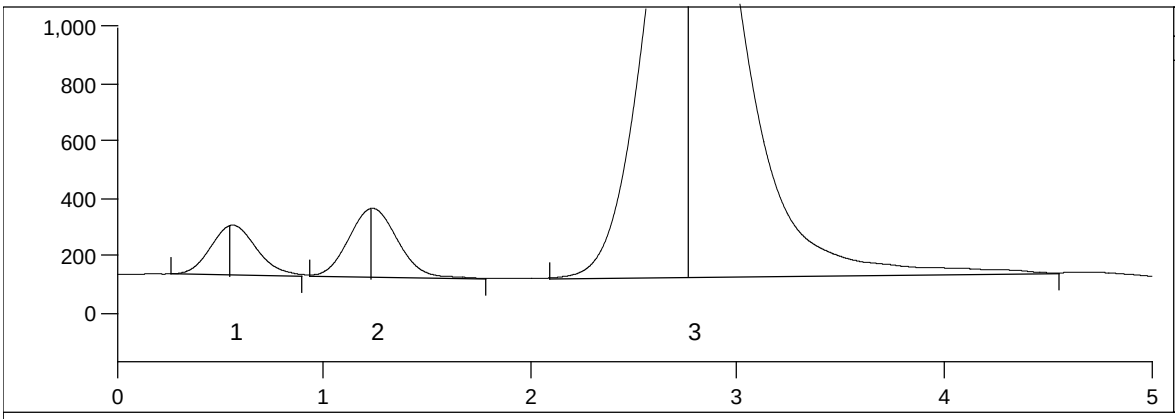


Date: 12/12/12
Time: 7:44 PM

Peak	rt	Height
1	0.55	230
2	1.20	294
3	2.70	631

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
61	C	S	1246011-25		2	294	1.15	0.00		< HS	accept

Notes

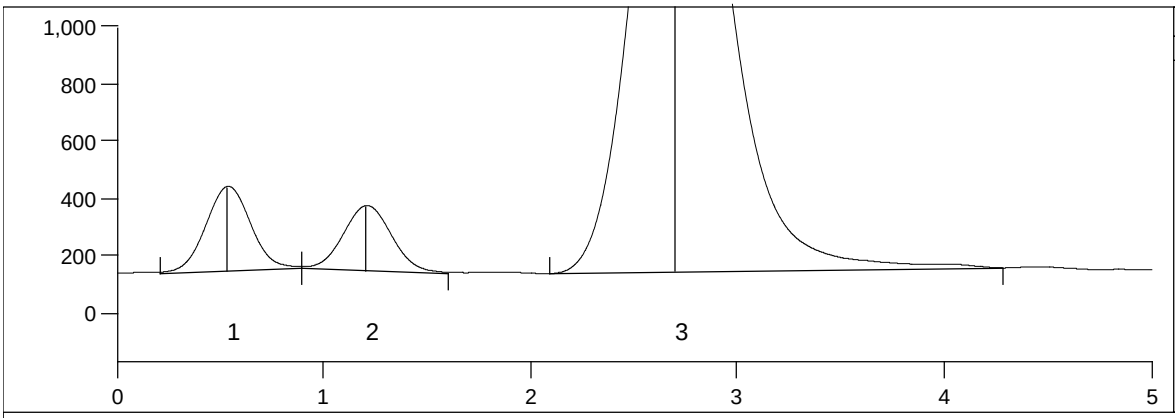


Date: 12/12/12
Time: 7:51 PM

Peak	rt	Height
1	0.55	171
2	1.23	238
3	2.77	1,909

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
62	A	S	1246011-27		2	238	0.920	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 7:58 PM

Peak	rt	Height
1	0.53	292
2	1.20	222
3	2.70	2,251

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
63	B	S	1246011-29		2	222	0.855	0.00		< HS	accept

Notes

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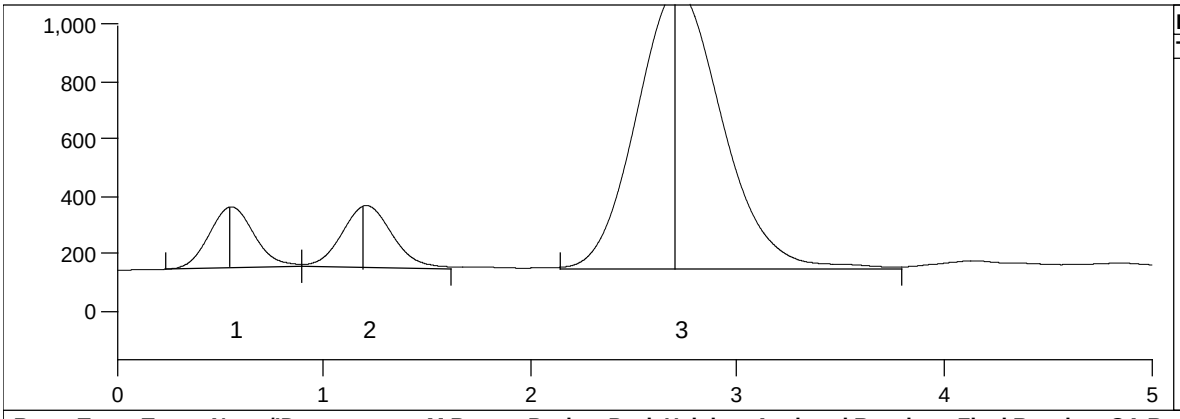
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

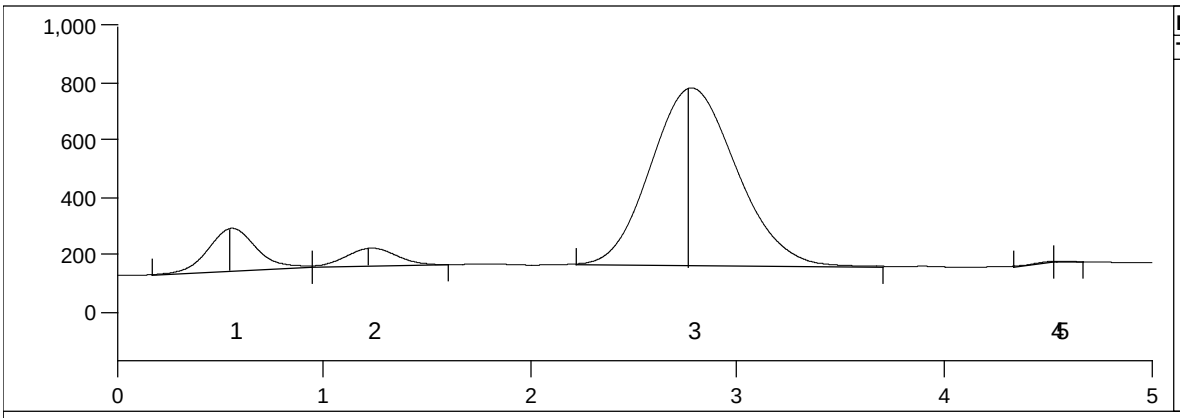


Date: 12/12/12
Time: 8:04 PM

Peak	rt	Height
1	0.55	211
2	1.20	210
3	2.70	971

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
64	C	S	1246011-31		2	210	0.806	0.00		< HS	accept

Notes

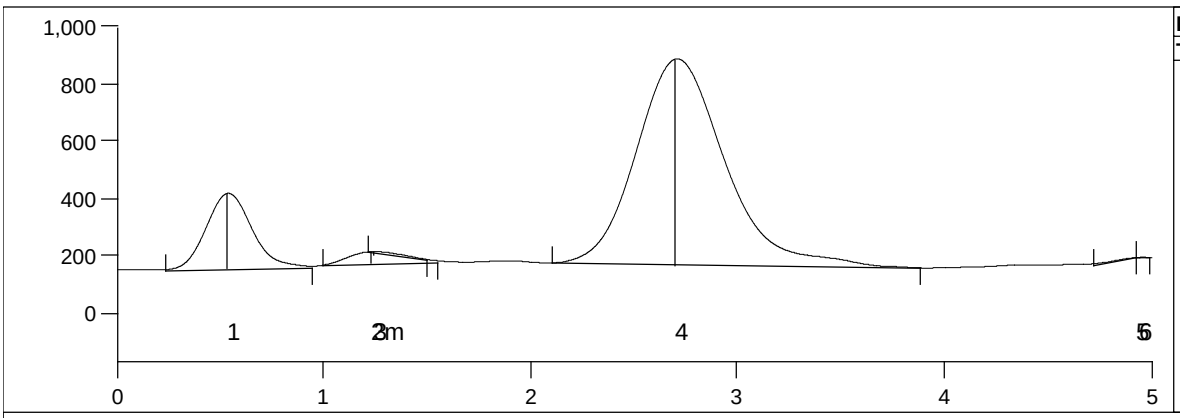


Date: 12/12/12
Time: 8:11 PM

Peak	rt	Height
1	0.55	148
2	1.22	61
3	2.77	620
4	4.52	1
5	4.54	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
65	A	S	1246022-01		2	61	0.200	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 8:18 PM

Peak	rt	Height
1	0.53	263
2m	1.23	41
3	1.24	2
4	2.70	721
5	4.92	1
6	4.95	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
66	B	S	1246022-02		2m	41	0.119	0.00		< HS	accept

Notes

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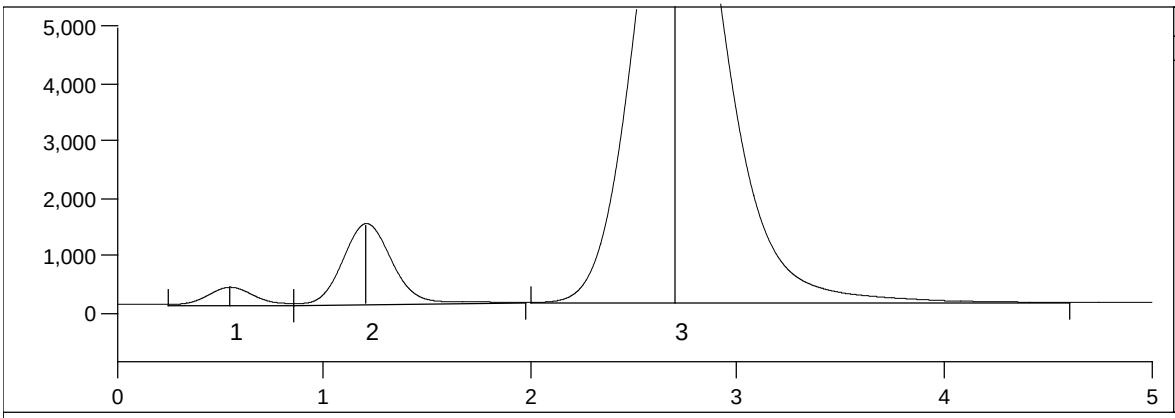
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

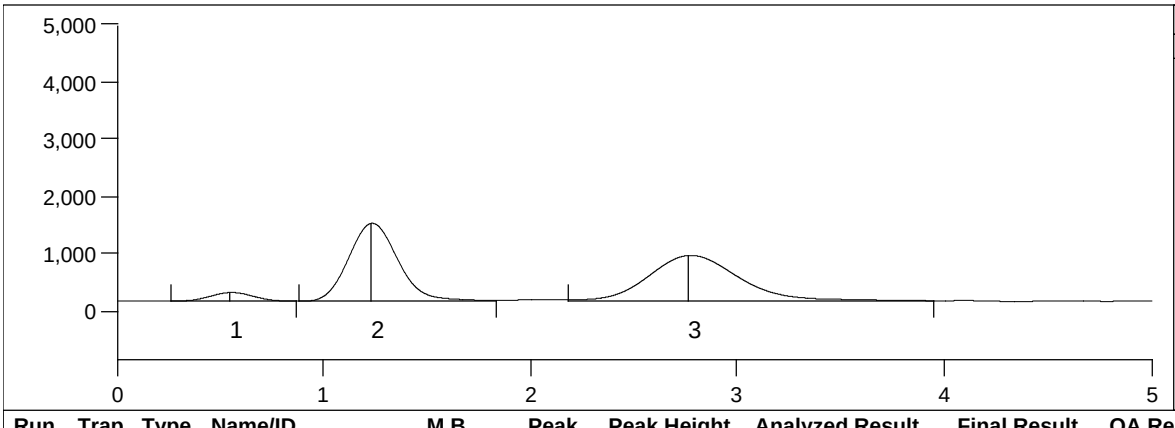


Date: 12/12/12
Time: 8:24 PM

Peak	rt	Height
1	0.54	294
2	1.20	1,398
3	2.70	9,302

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
67	C	S	B122187-MS3		2	1,398	5.63	0.00		< HS	accept

Notes

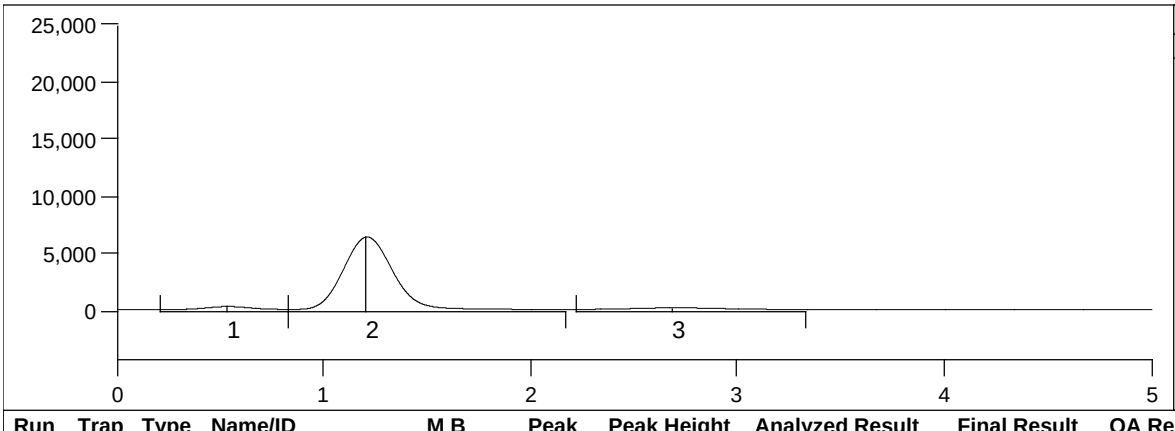


Date: 12/12/12
Time: 8:31 PM

Peak	rt	Height
1	0.55	152
2	1.23	1,362
3	2.77	784

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
68	A	S	B122187-MSD3		2	1,362	5.49	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 8:38 PM

Peak	rt	Height
1	0.53	269
2	1.20	6,353
3	2.68	150

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
69	B	CCV	SEQ-CCV		2	6,353	25.8		103	67-133	accept

Notes

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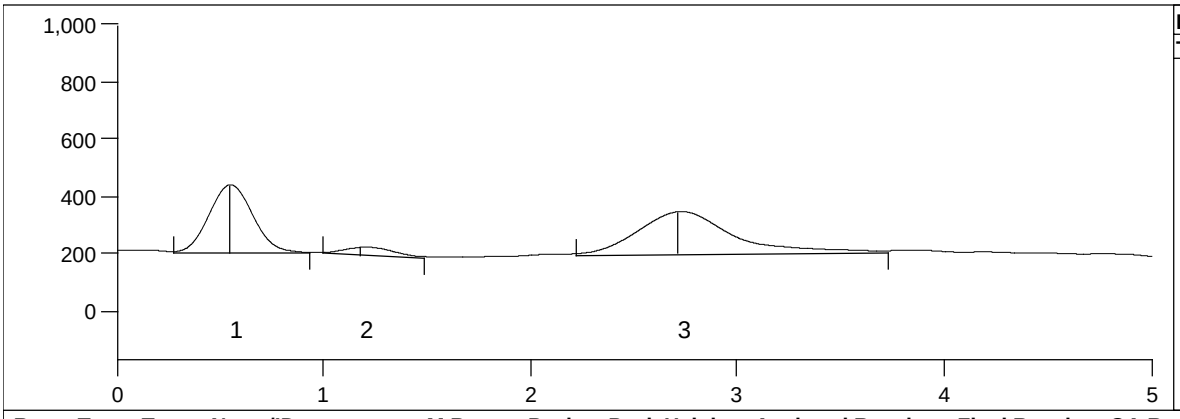
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

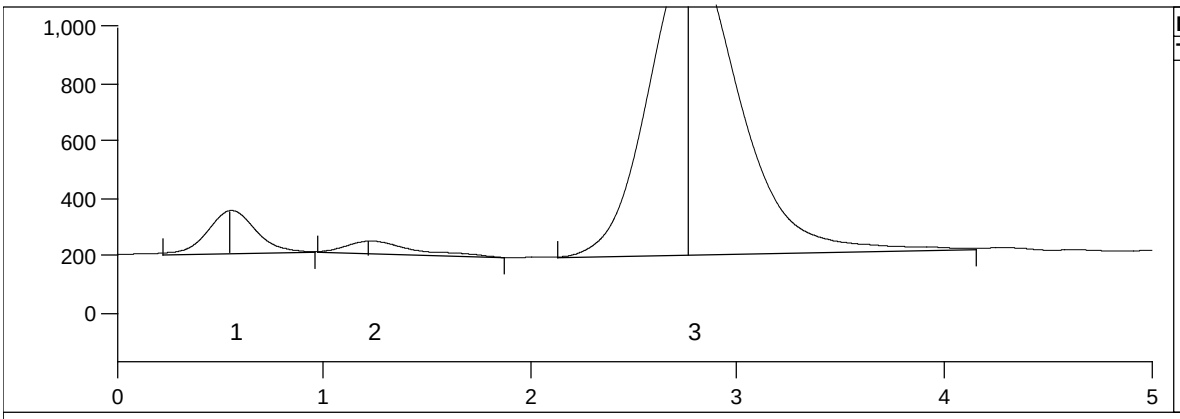


Date: 12/12/12
Time: 8:44 PM

Peak	rt	Height
1	0.54	235
2	1.18	23
3	2.71	145

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
70	C	CCB	SEQ-CCB		2	23	0.0934		0.0934	< 1.4	accept

Notes

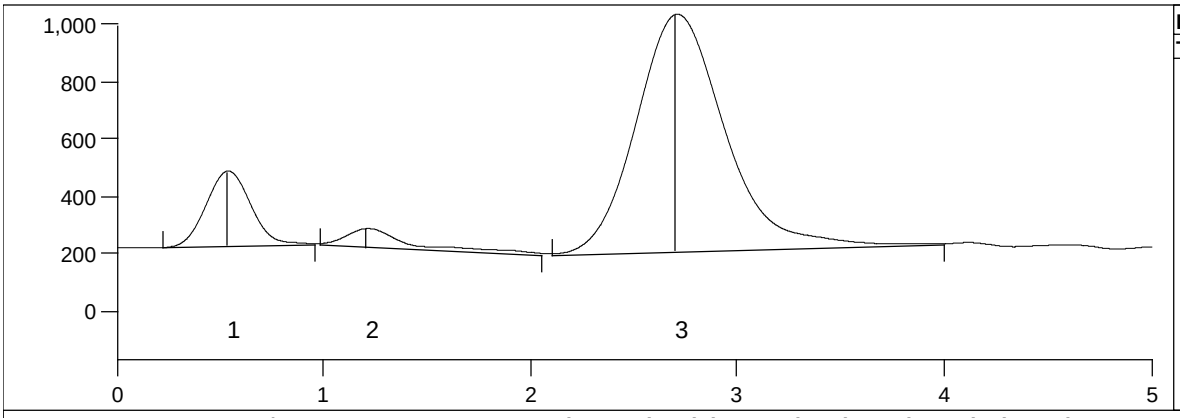


Date: 12/12/12
Time: 8:51 PM

Peak	rt	Height
1	0.55	148
2	1.22	42
3	2.77	1,061

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
71	A	S	1246022-03		2	42	0.123	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 8:58 PM

Peak	rt	Height
1	0.53	263
2	1.21	60
3	2.70	830

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
72	B	S	1246022-04		2	60	0.196	0.00		< HS	accept

Notes

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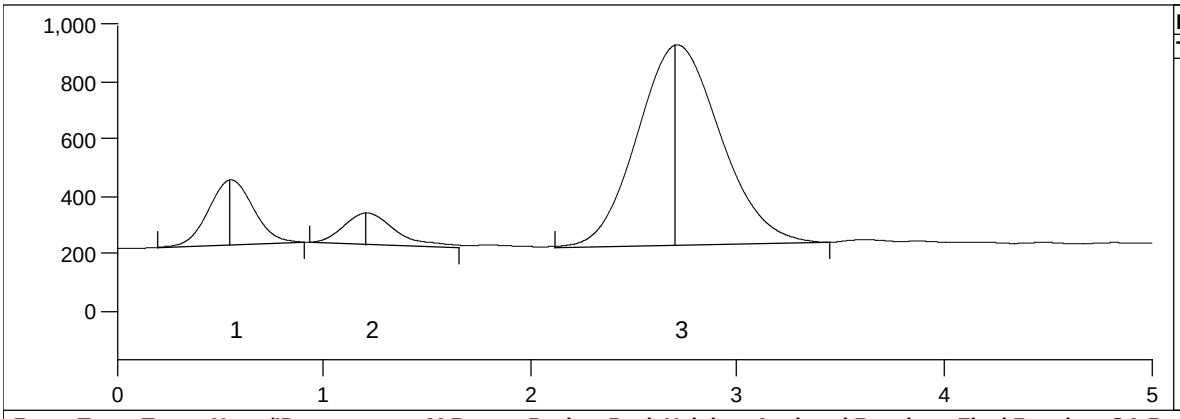
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

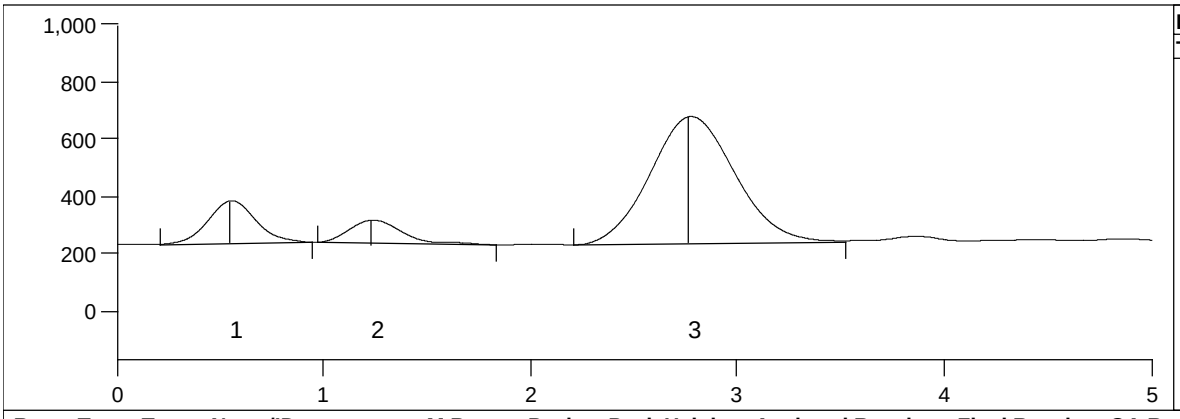


Date: 12/12/12
Time: 9:04 PM

Peak	rt	Height
1	0.54	228
2	1.20	106
3	2.70	700

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
73	C	S	1247008-01		2	106	0.383	0.00		< HS	accept

Notes

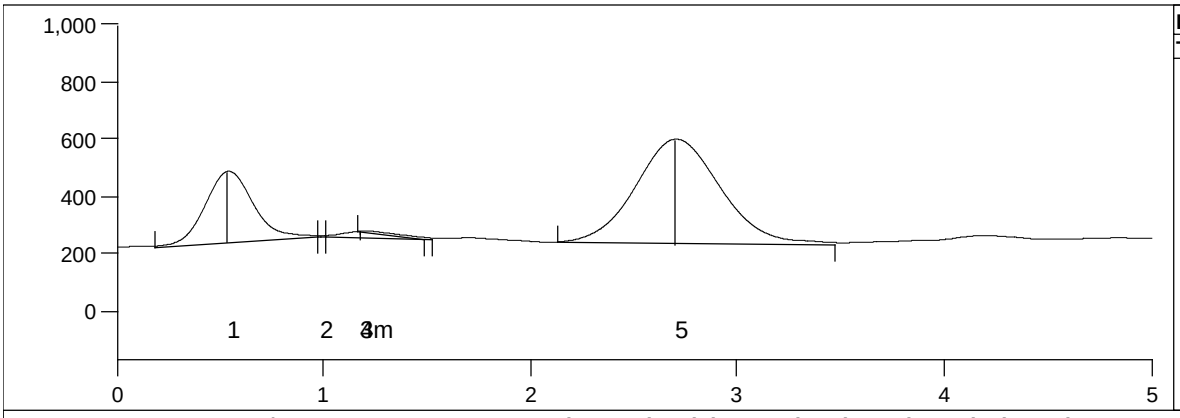


Date: 12/12/12
Time: 9:11 PM

Peak	rt	Height
1	0.55	150
2	1.22	80
3	2.77	445

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
74	A	S	1247008-02		2	80	0.278	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 9:18 PM

Peak	rt	Height
1	0.53	247
2	0.99	1
3m	1.18	18
4	1.18	2
5	2.70	361

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
75	B	S	1247008-03		3m	18	0.0257	0.00		< HS	accept

Notes

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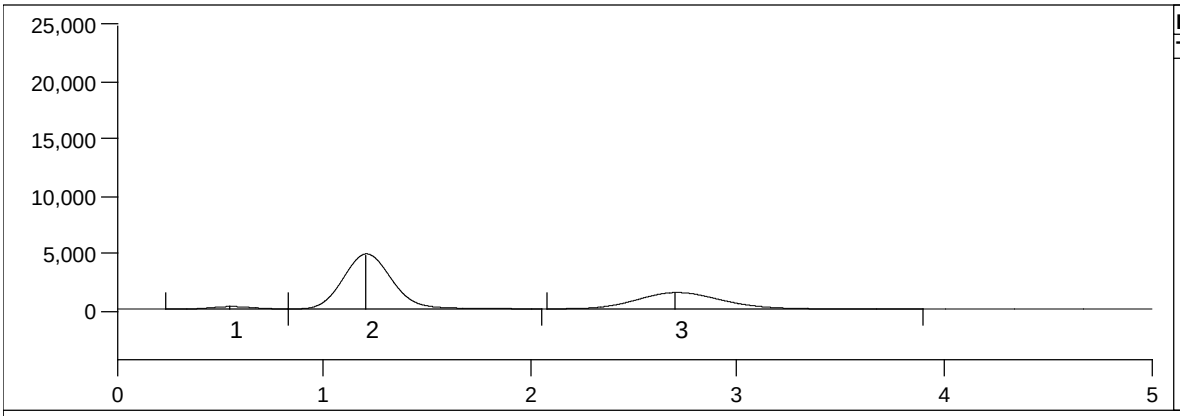
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

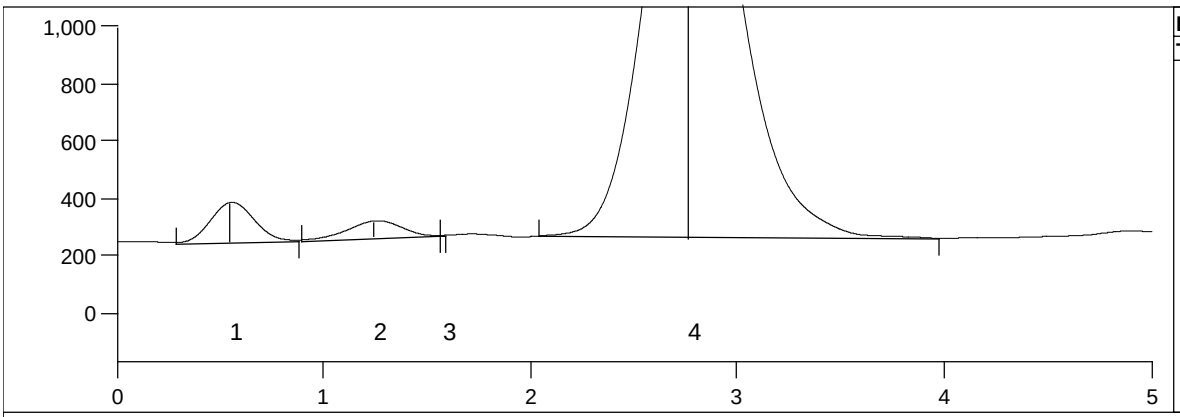


Date: 12/12/12
Time: 9:24 PM

Peak	rt	Height
1	0.55	222
2	1.20	4,813
3	2.70	1,427

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
76	C	S	1247011-01		2	4,813	19.5	0.00		< HS	accept

Notes

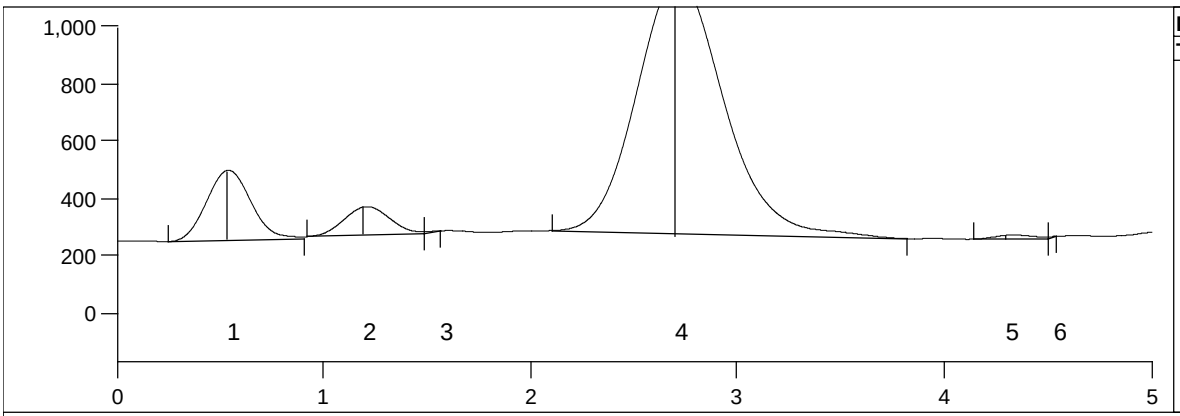


Date: 12/12/12
Time: 9:31 PM

Peak	rt	Height
1	0.55	137
2	1.24	60
3	1.58	1
4	2.76	1,808

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
77	A	S	1247012-02		2	60	0.196	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 9:38 PM

Peak	rt	Height
1	0.53	243
2	1.20	97
3	1.56	1
4	2.70	897
5	4.30	11
6	4.52	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
78	B	S	1247012-04		2	97	0.347	0.00		< HS	accept

Notes

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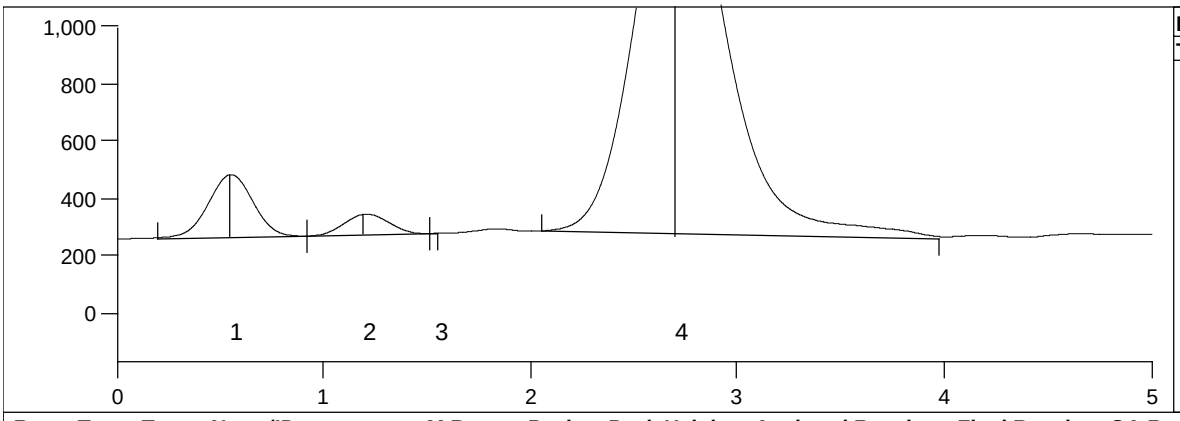
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

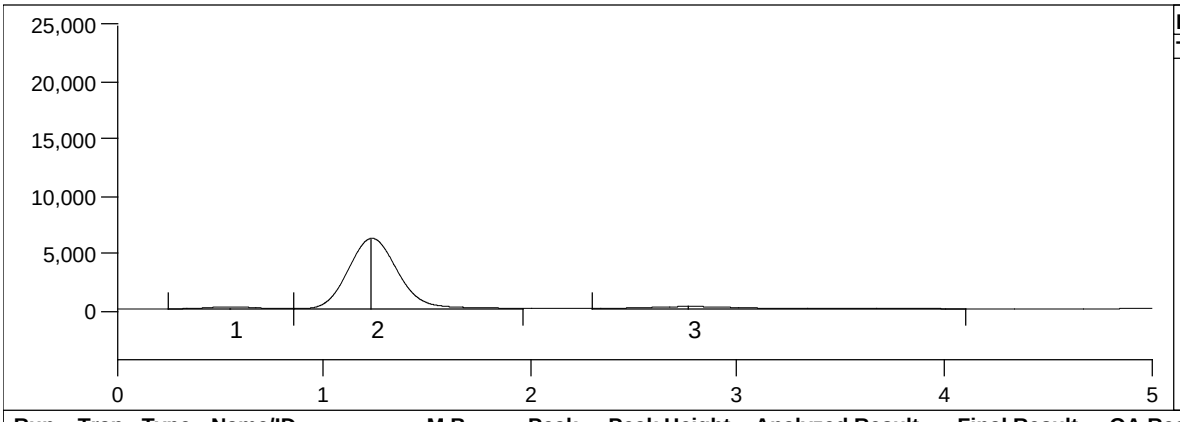


Date: 12/12/12
Time: 9:44 PM

Peak	rt	Height
1	0.54	218
2	1.20	73
3	1.54	1
4	2.70	1,435

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
79	C	S	1247012-06		2	73	0.249	0.00		< HS	accept

Notes

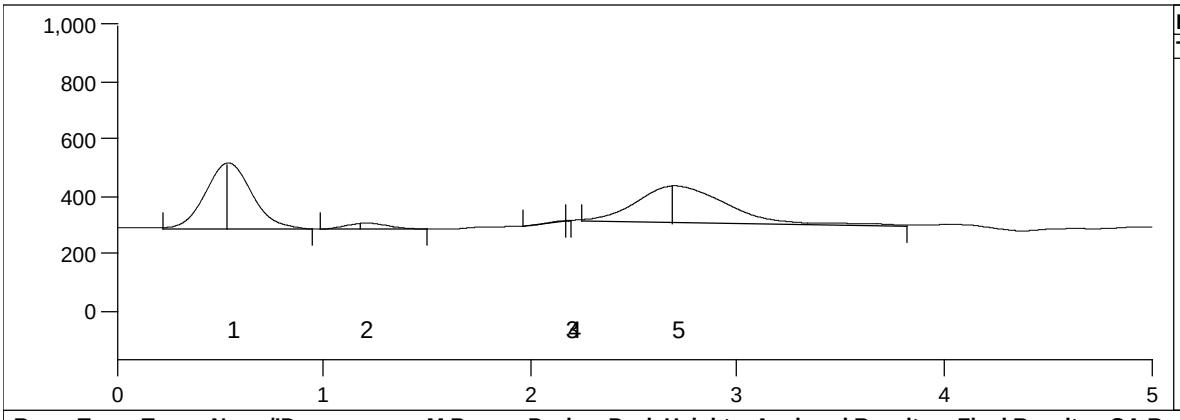


Date: 12/12/12
Time: 9:51 PM

Peak	rt	Height
1	0.54	176
2	1.23	6,147
3	2.76	164

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
80	A	CCV	SEQ-CCV		2	6,147	24.9		99.7	67-133	accept

Notes



Date: 12/12/12
Time: 9:58 PM

Peak	rt	Height
1	0.53	229
2	1.18	20
3	2.17	1
4	2.19	1
5	2.68	123

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
81	B	CCB	SEQ-CCB		2	20	0.0813		0.0813	< 1.4	accept

Notes

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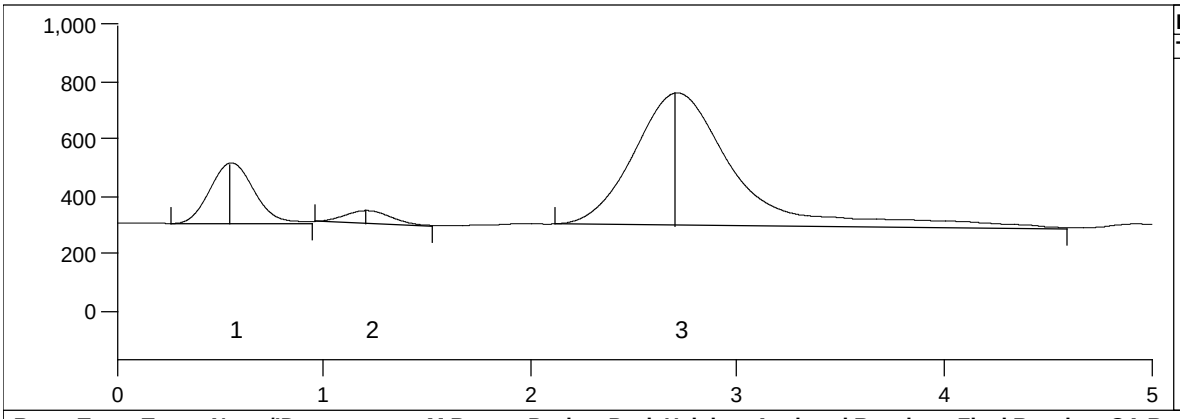
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

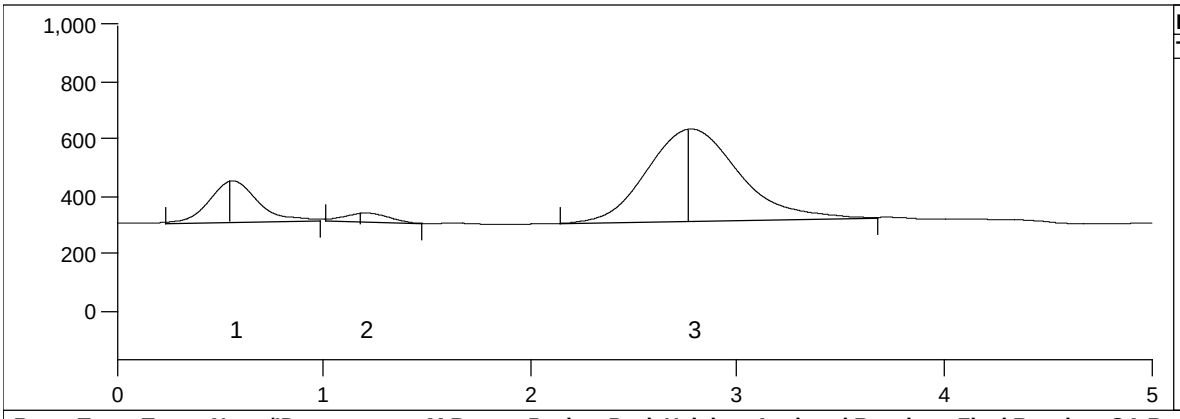


Date: 12/12/12
Time: 10:04 PM

Peak	rt	Height
1	0.55	211
2	1.20	44
3	2.70	462

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
82	C	S	1247012-08		2	44	0.131	0.00		< HS	accept

Notes

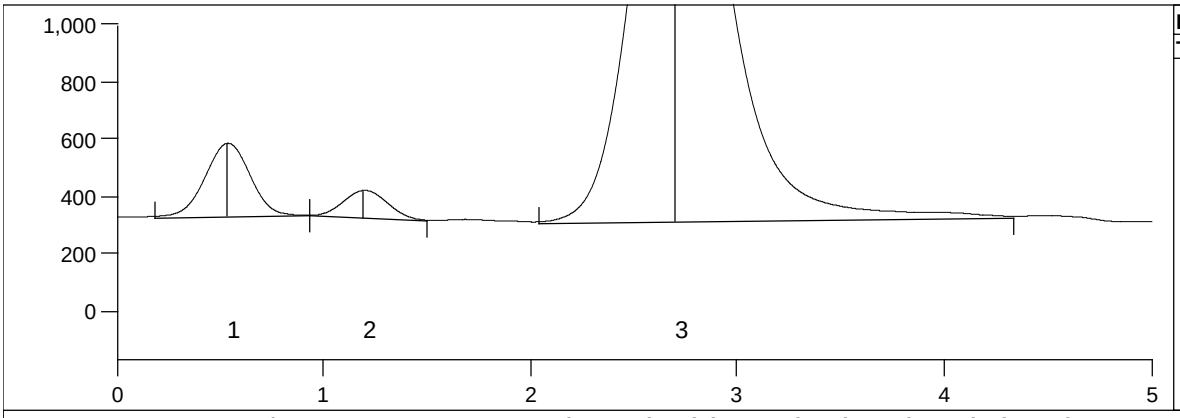


Date: 12/12/12
Time: 10:11 PM

Peak	rt	Height
1	0.55	140
2	1.18	25
3	2.76	322

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
83	A	S	1247012-10		2	25	0.0542	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 10:18 PM

Peak	rt	Height
1	0.53	255
2	1.19	94
3	2.70	1,890

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
84	B	S	1247025-01RE1		2	94	0.335	0.00		< HS	accept

Notes

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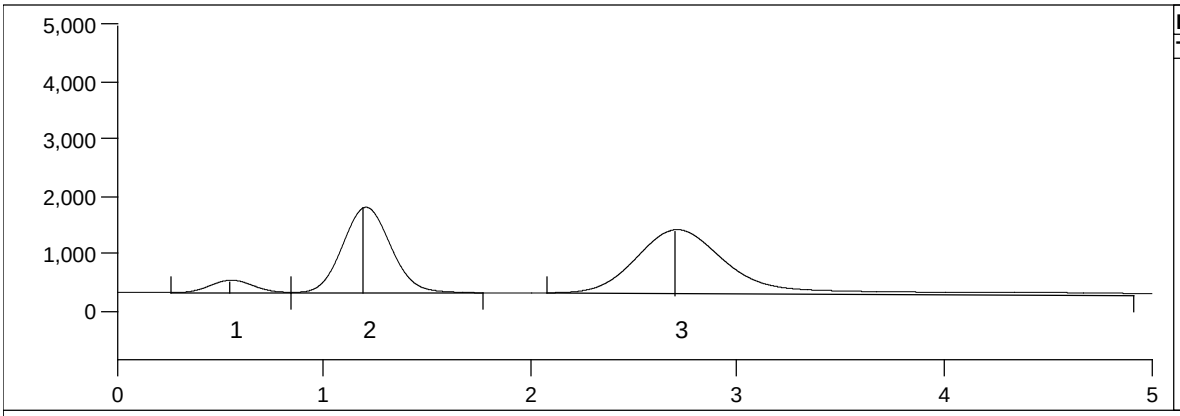
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

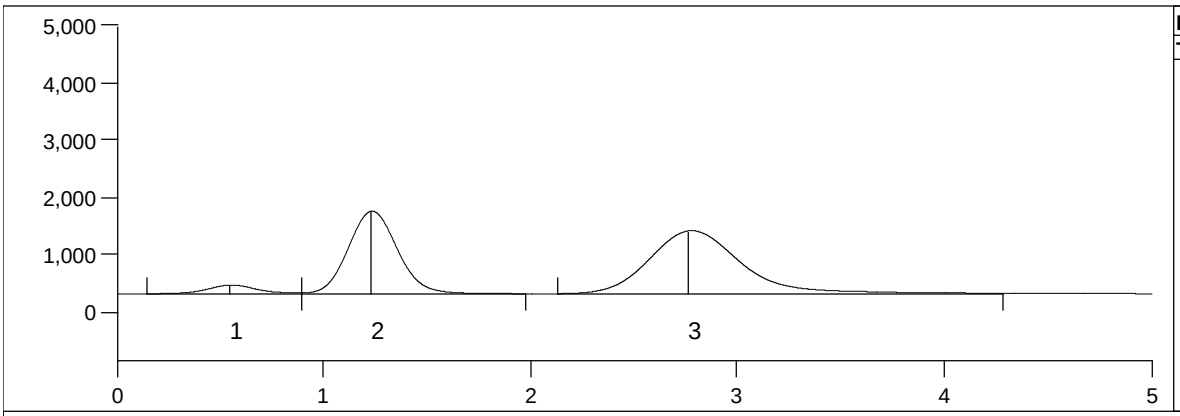


Date: 12/12/12
Time: 10:24 PM

Peak	rt	Height
1	0.55	216
2	1.20	1,494
3	2.70	1,109

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
85	C	S	B122187-MS4		2	1,494	6.02	0.00		< HS	accept

Notes

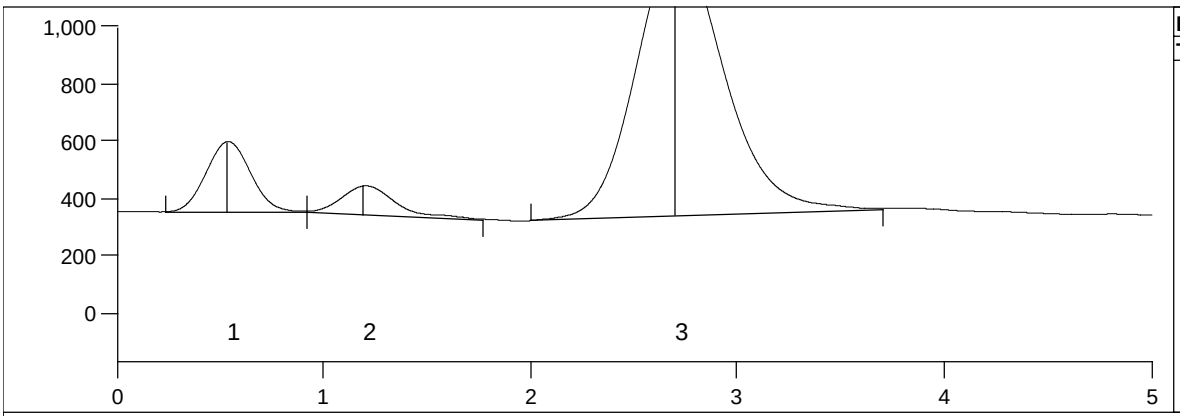


Date: 12/12/12
Time: 10:31 PM

Peak	rt	Height
1	0.55	144
2	1.23	1,436
3	2.77	1,103

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
86	A	S	B122187-MSD4		2	1,436	5.79	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 10:38 PM

Peak	rt	Height
1	0.53	246
2	1.19	98
3	2.70	952

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
87	B	S	1247026-01RE1		2	98	0.351	0.00		< HS	accept

Notes

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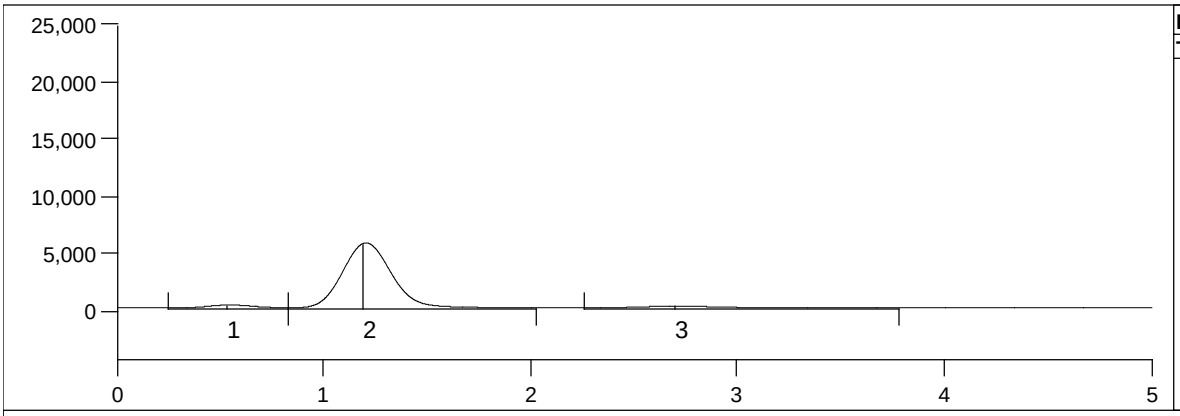
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

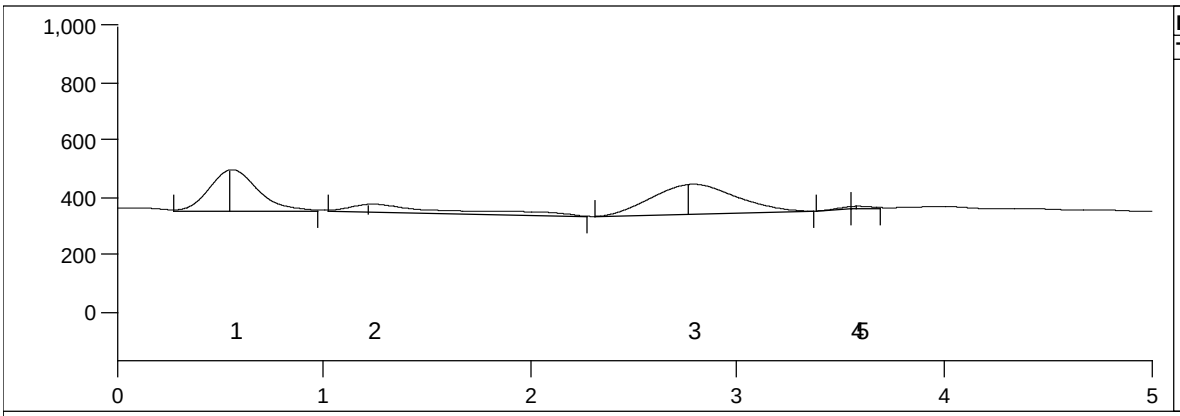


Date: 12/12/12
Time: 10:44 PM

Peak	rt	Height
1	0.54	247
2	1.20	5,683
3	2.70	148

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
88	C	CCV	SEQ-CCV		2	5,683	23.0		92.2	67-133	accept

Notes

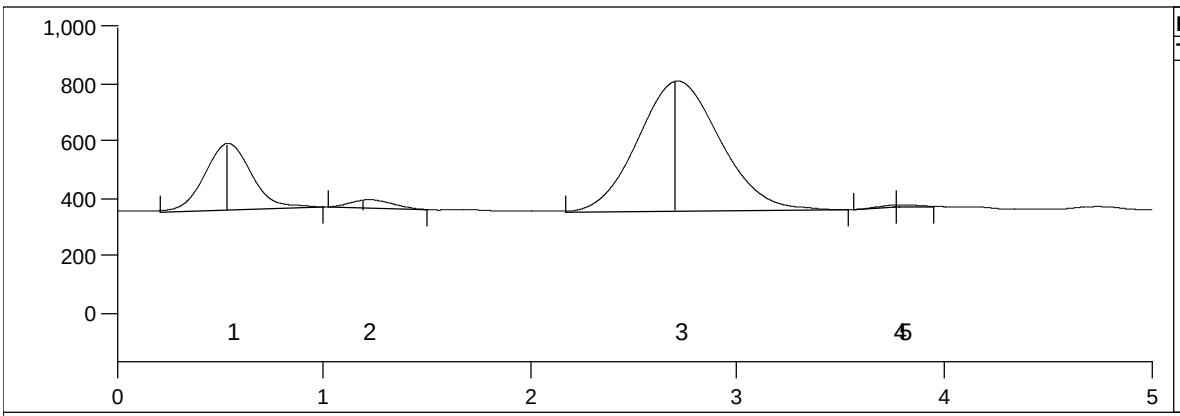


Date: 12/12/12
Time: 10:51 PM

Peak	rt	Height
1	0.55	140
2	1.21	23
3	2.77	105
4	3.54	1
5	3.57	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
89	A	CCB	SEQ-CCB		2	23	0.0934		0.0934	< 1.4	accept

Notes



Date: 12/12/12
Time: 10:58 PM

Peak	rt	Height
1	0.53	231
2	1.20	28
3	2.70	456
4	3.75	2
5	3.78	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
90	B	S	B122279-BLK1		2	28	0.0664	0.00		< HS	accept

Notes

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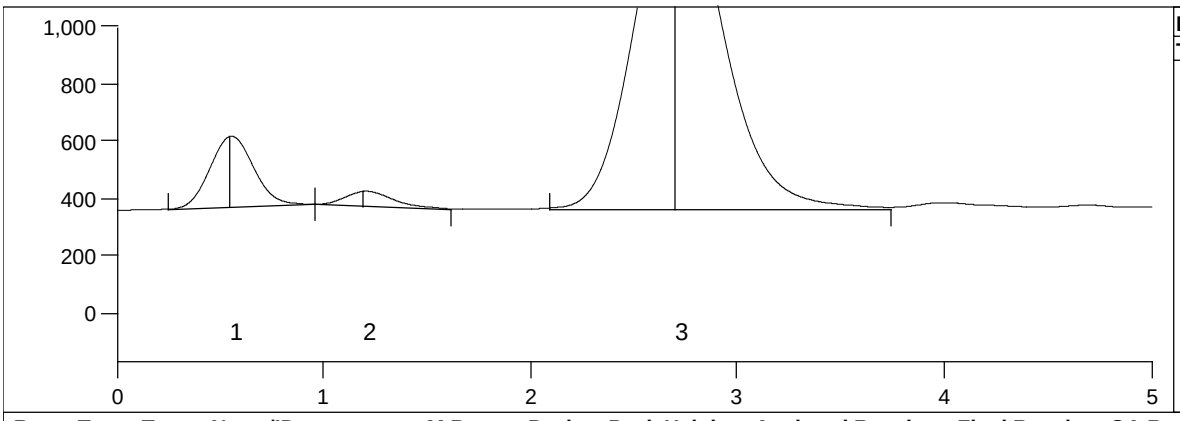
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

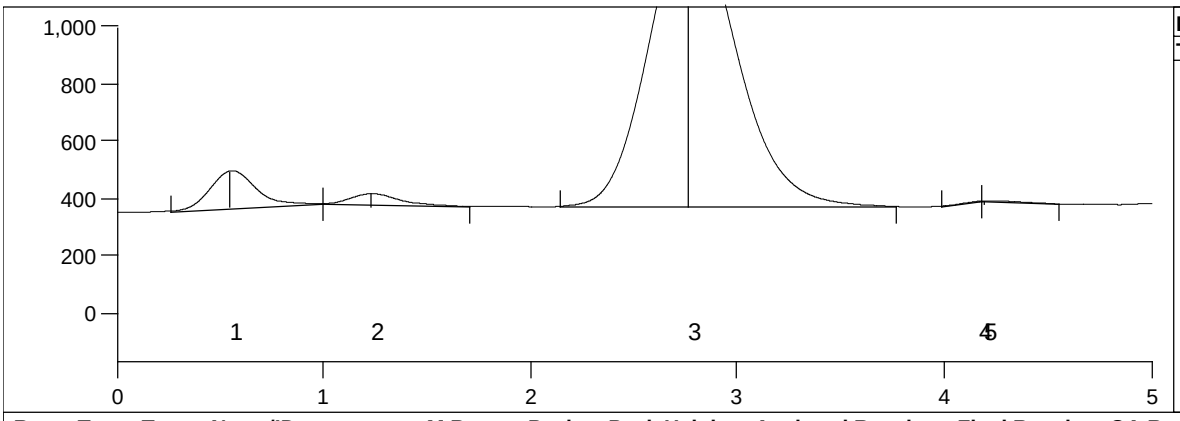


Date: 12/12/12
Time: 11:04 PM

Peak	rt	Height
1	0.55	249
2	1.20	51
3	2.70	1,211

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
91	C	S	B122279-BLK2		2	51	0.160	0.00		< HS	accept

Notes

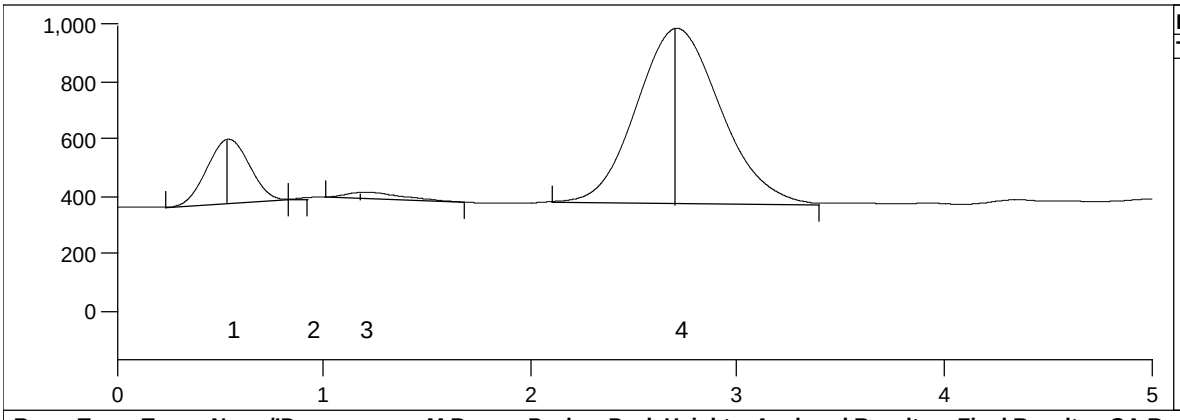


Date: 12/12/12
Time: 11:11 PM

Peak	rt	Height
1	0.55	132
2	1.22	38
3	2.76	1,031
4	4.18	1
5	4.20	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
92	A	S	B122279-BLK3		2	38	0.107	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 11:18 PM

Peak	rt	Height
1	0.53	225
2	0.92	1
3	1.18	21
4	2.70	609

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
93	B	S	B122279-BLK4		3	21	0.0379	0.00		< HS	accept

Notes

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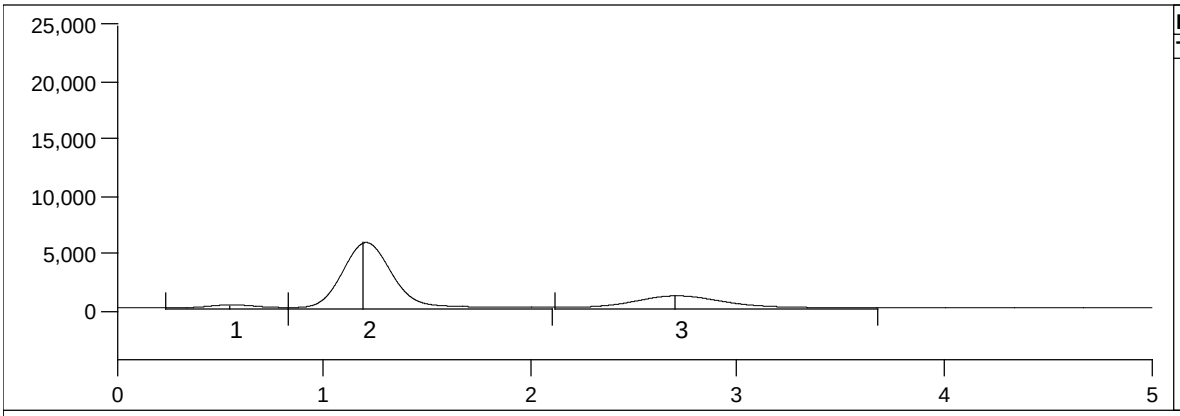
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

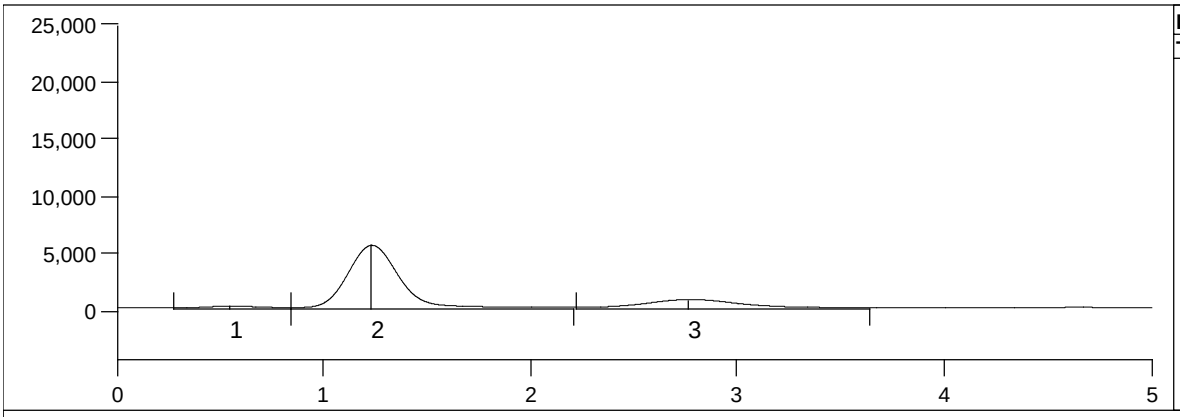


Date: 12/12/12
Time: 11:24 PM

Peak	rt	Height
1	0.55	242
2	1.20	5,689
3	2.70	1,018

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
94	C	S	B122279-BS1		2	5,689	23.1	0.00		< HS	accept

Notes

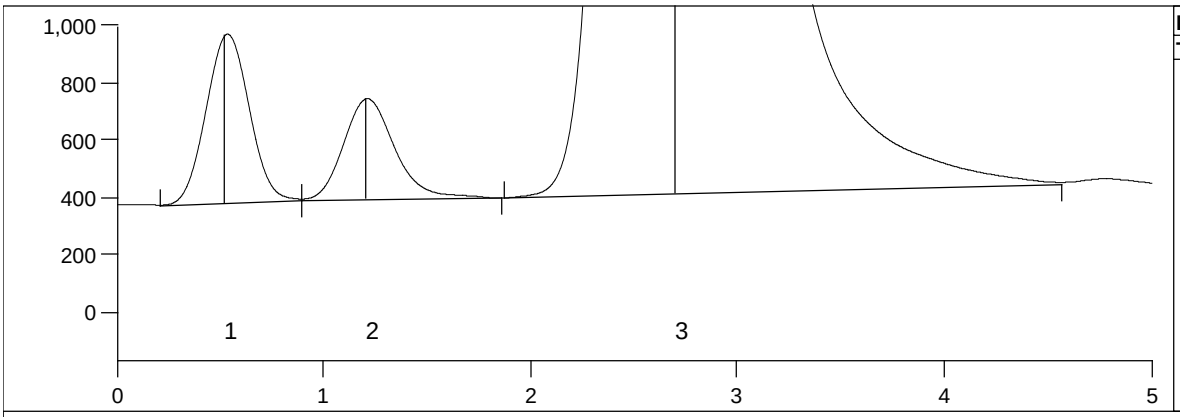


Date: 12/12/12
Time: 11:31 PM

Peak	rt	Height
1	0.55	141
2	1.23	5,443
3	2.76	690

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
95	A	S	B122279-BS2		2	5,443	22.1	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 11:38 PM

Peak	rt	Height
1	0.53	590
2	1.20	351
3	2.70	20,095

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
96	B	S	1247009-01		2	351	1.38	0.00		< HS	accept

Notes

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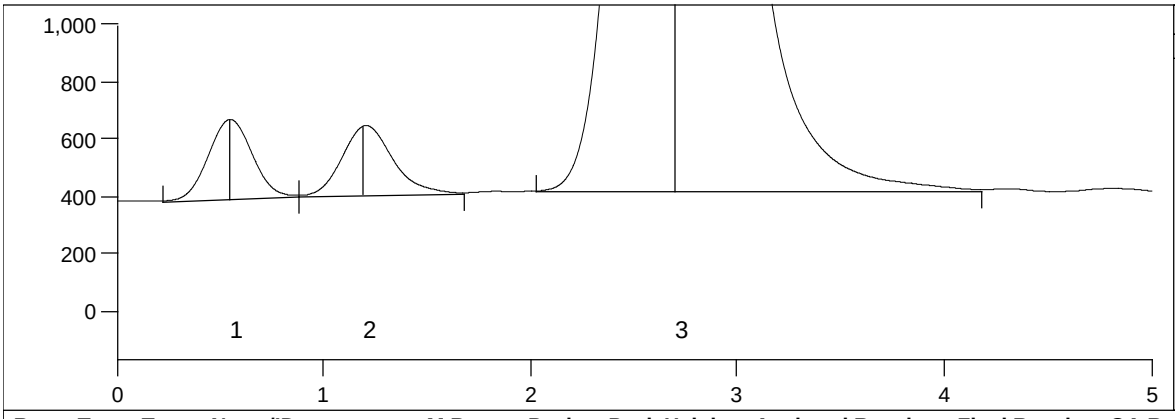
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

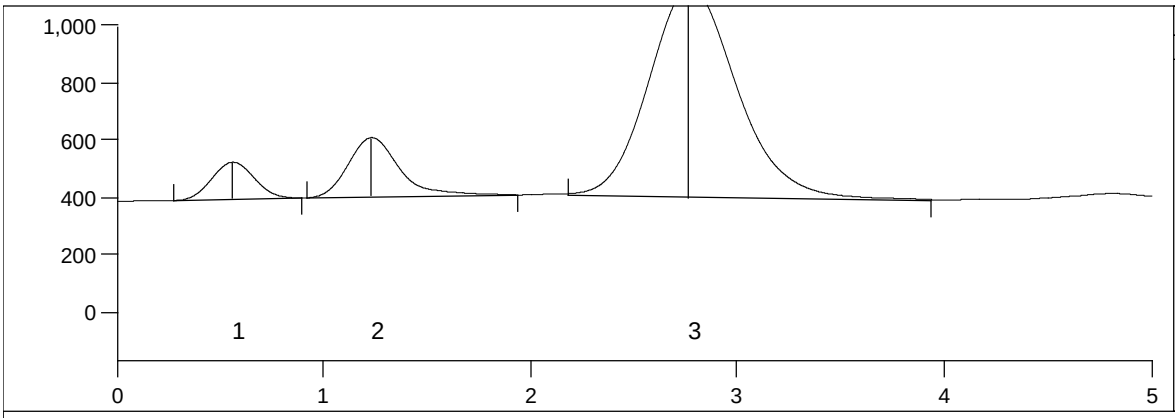


Date: 12/12/12
Time: 11:44 PM

Peak	rt	Height
1	0.54	276
2	1.20	241
3	2.70	6,346

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
97	C	S	1247009-03		2	241	0.932	0.00		< HS	accept

Notes

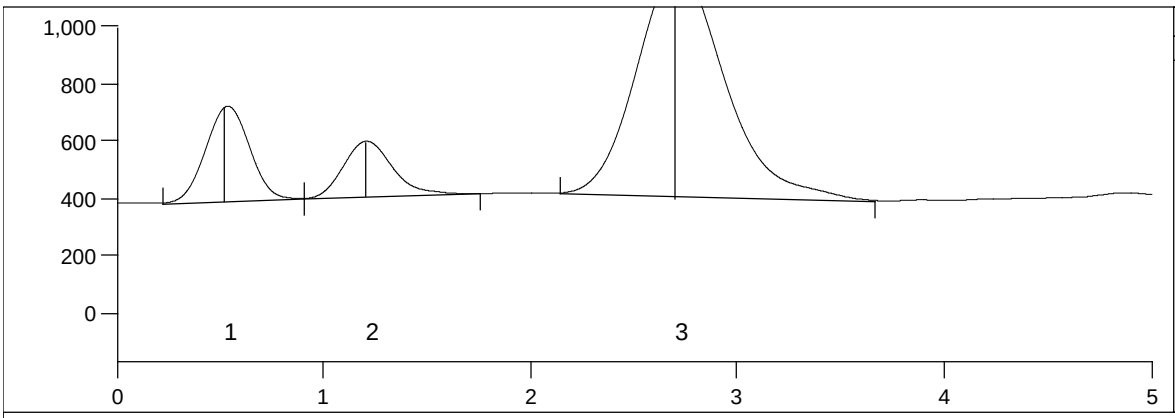


Date: 12/12/12
Time: 11:51 PM

Peak	rt	Height
1	0.56	131
2	1.22	209
3	2.76	732

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
98	A	S	1247009-05		2	209	0.802	0.00		< HS	accept

Notes



Date: 12/12/12
Time: 11:58 PM

Peak	rt	Height
1	0.53	332
2	1.20	196
3	2.70	798

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
99	B	S	1247009-11		2	196	0.749	0.00		< HS	accept

Notes

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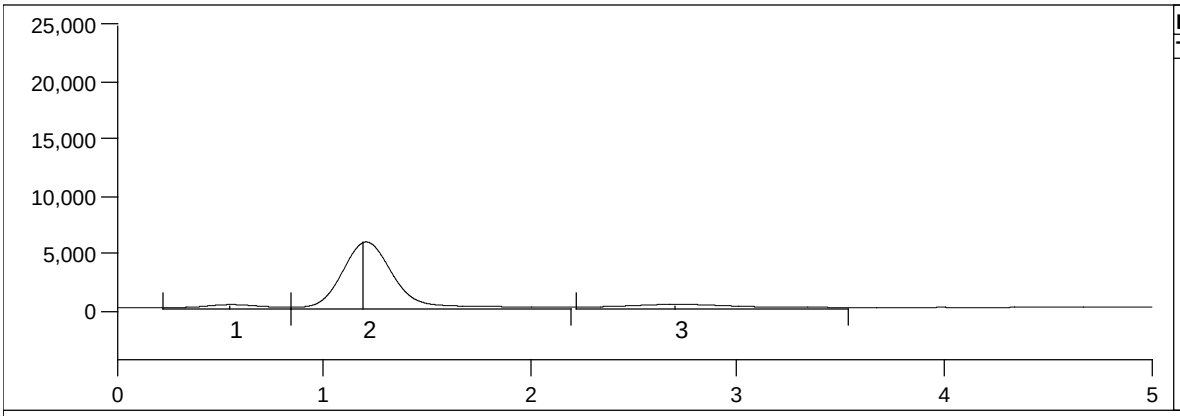
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

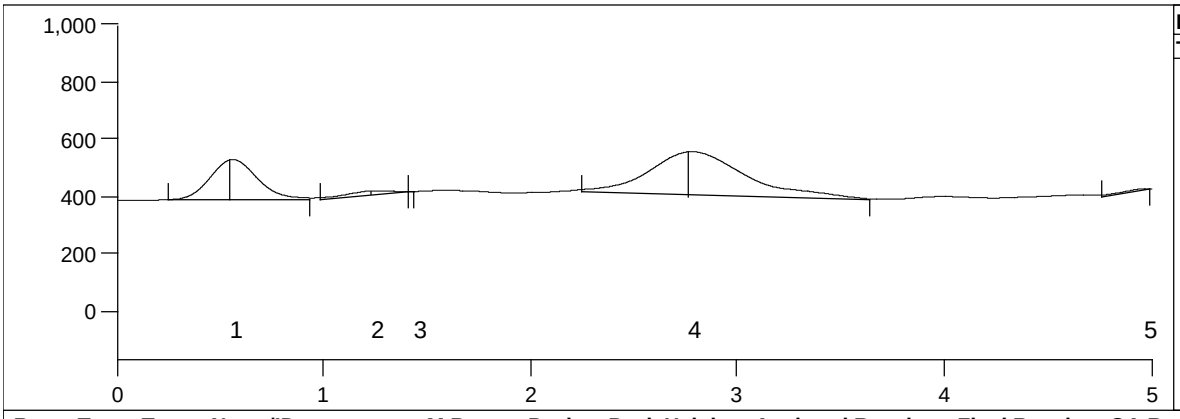
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 12:04 AM

Peak	rt	Height
1	0.54	243
2	1.20	5,709
3	2.69	241

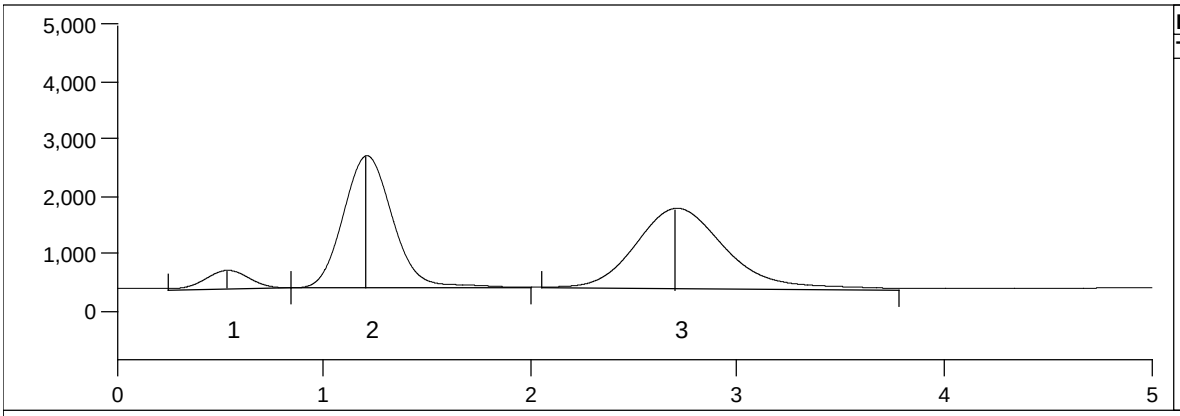
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
100	C	CCV	SEQ-CCV		2	5,709	23.1		92.6	67-133	accept
Notes											



Date: 12/13/12
Time: 12:11 AM

Peak	rt	Height
1	0.55	138
2	1.23	13
3	1.43	1
4	2.77	145
5	4.97	3

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
101	A	CCB	SEQ-CCB		2	13	0.0528		0.0528	< 1.4	accept
Notes											



Date: 12/13/12
Time: 12:18 AM

Peak	rt	Height
1	0.53	313
2	1.20	2,312
3	2.70	1,389

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
102	B	S	B122279-MS1		2	2,312	9.35	0.00		< HS	accept
Notes											

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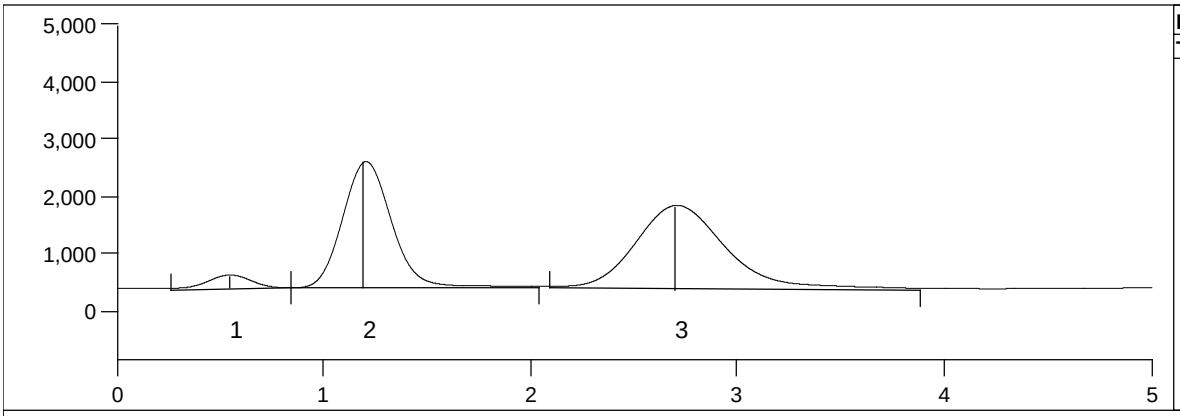
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

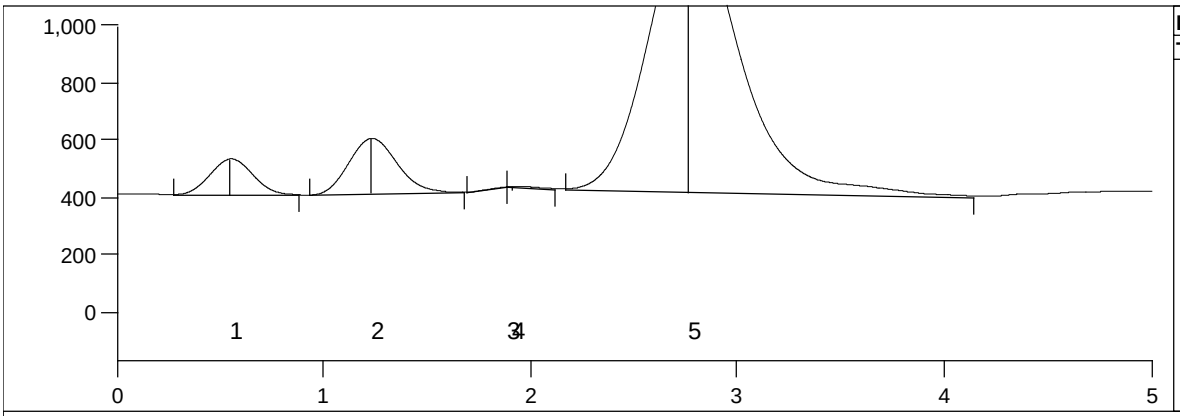


Date: 12/13/12
Time: 12:24 AM

Peak	rt	Height
1	0.54	229
2	1.20	2,206
3	2.70	1,432

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
103	C	S	B122279-MSD1		2	2,206	8.92	0.00		< HS	accept

Notes

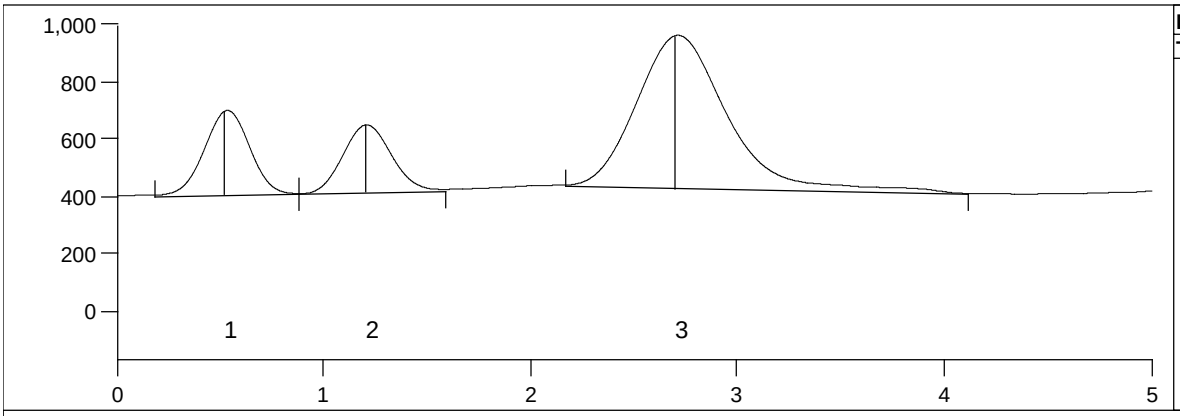


Date: 12/13/12
Time: 12:31 AM

Peak	rt	Height
1	0.55	125
2	1.23	196
3	1.88	1
4	1.91	1
5	2.76	976

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
104	A	S	1247009-13		2	196	0.749	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 12:38 AM

Peak	rt	Height
1	0.53	295
2	1.20	236
3	2.70	533

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
105	B	S	1247009-15		2	236	0.911	0.00		< HS	accept

Notes

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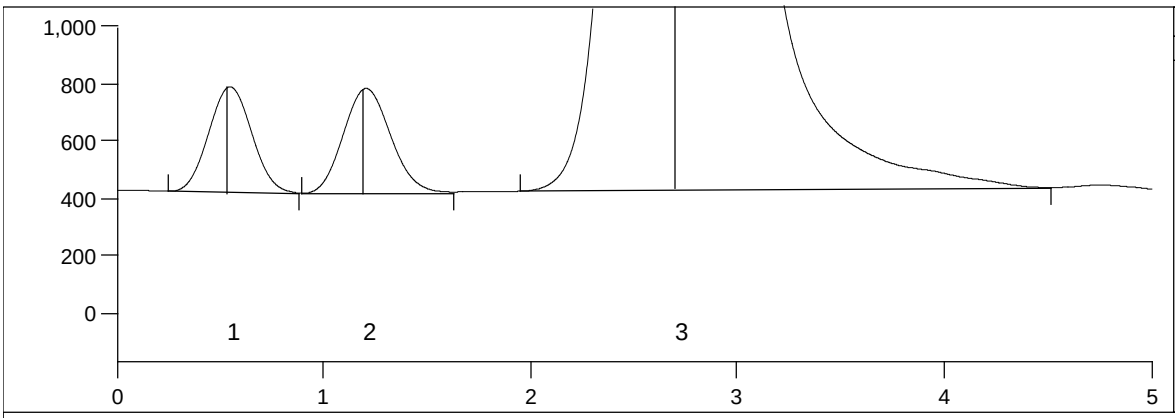
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

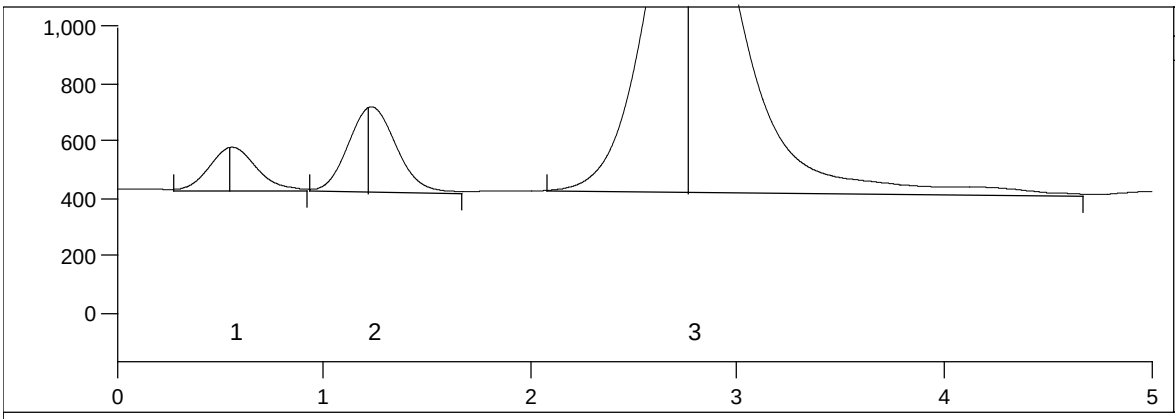


Date: 12/13/12
Time: 12:44 AM

Peak	rt	Height
1	0.54	369
2	1.20	367
3	2.70	8,942

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
106	C	S	1247009-17		2	367	1.44	0.00		< HS	accept

Notes

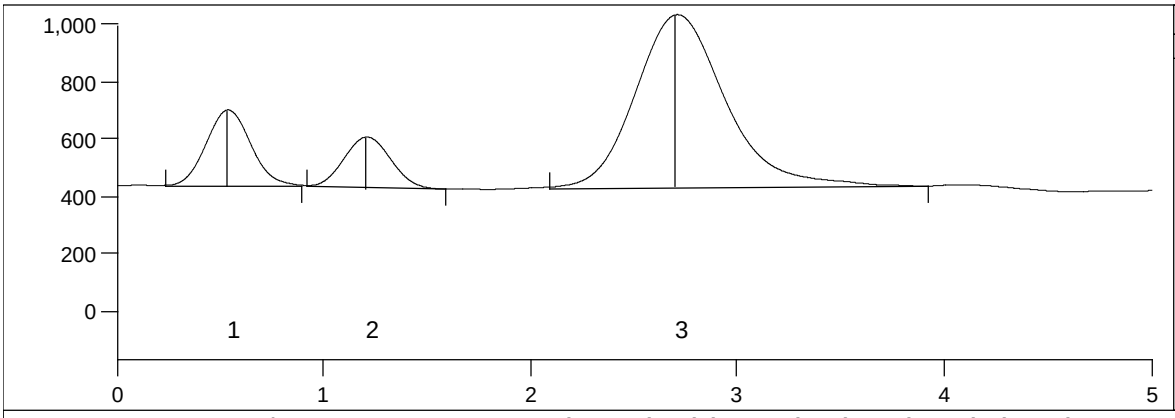


Date: 12/13/12
Time: 12:51 AM

Peak	rt	Height
1	0.55	148
2	1.22	292
3	2.76	1,262

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
107	A	S	1247009-19		2	292	1.14	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 12:58 AM

Peak	rt	Height
1	0.53	264
2	1.20	175
3	2.70	605

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
108	B	S	1247009-21		2	175	0.664	0.00		< HS	accept

Notes

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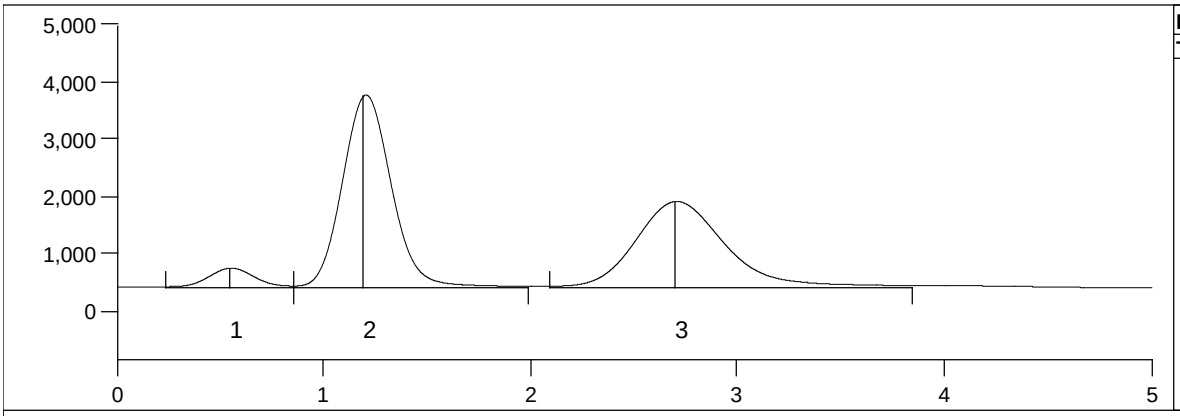
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

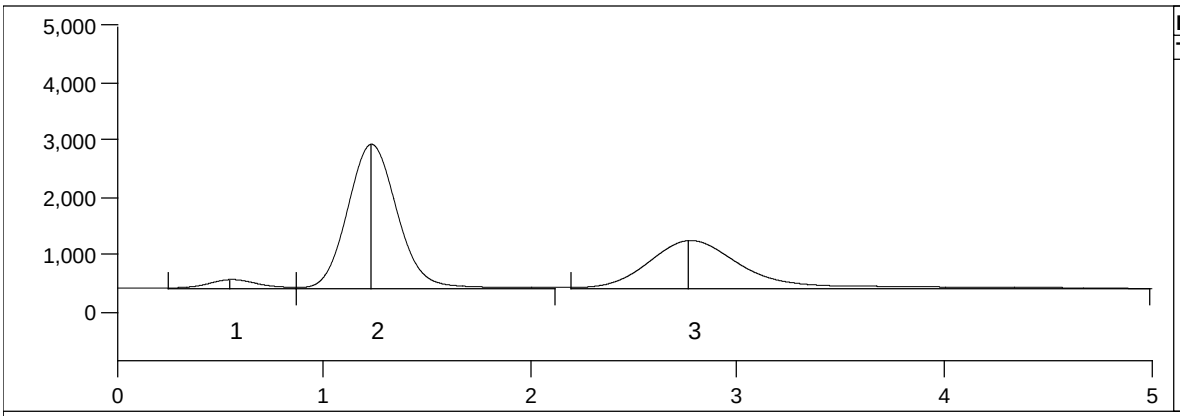


Date: 12/13/12
Time: 1:04 AM

Peak	rt	Height
1	0.55	320
2	1.20	3,350
3	2.70	1,485

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
109	C	S	B122279-MS2		2	3,350	13.6	0.00		< HS	accept

Notes

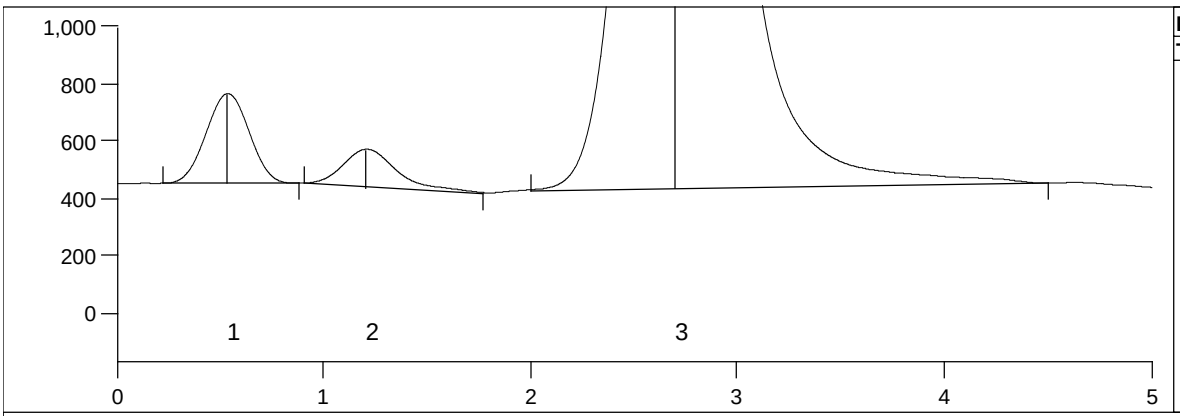


Date: 12/13/12
Time: 1:11 AM

Peak	rt	Height
1	0.55	144
2	1.22	2,511
3	2.77	829

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
110	A	S	B122279-MSD2		2	2,511	10.2	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 1:18 AM

Peak	rt	Height
1	0.53	315
2	1.20	130
3	2.70	4,115

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
111	B	S	1247009-23		2	130	0.481	0.00		< HS	accept

Notes

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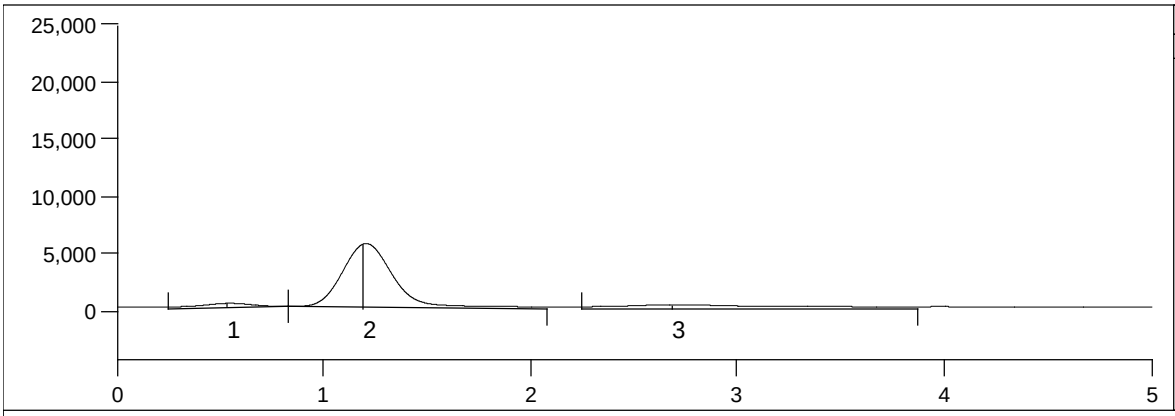
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

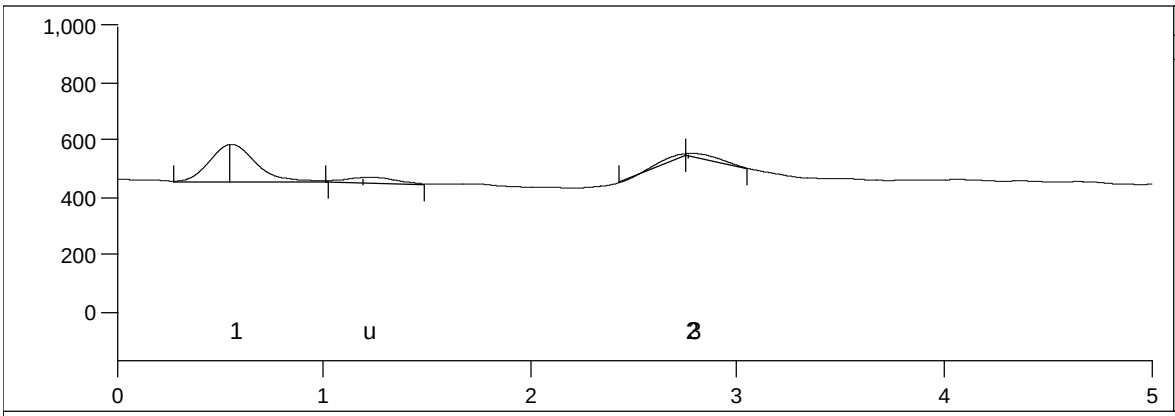


Date: 12/13/12
Time: 1:24 AM

Peak	rt	Height
1	0.54	298
2	1.20	5,529
3	2.69	170

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
112	C	CCV	SEQ-CCV		2	5,529	22.4		89.7	67-133	accept

Notes

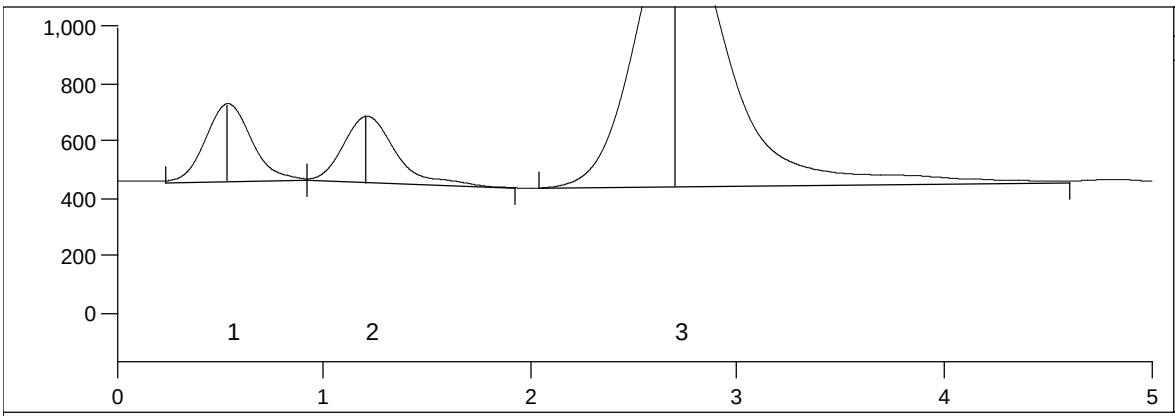


Date: 12/13/12
Time: 1:31 AM

Peak	rt	Height
1	0.55	129
2	2.75	2
3	2.77	3
u	1.19	16

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
113	A	CCB	SEQ-CCB		u	16	0.0650		0.0650	< 1.4	accept

Notes



Date: 12/13/12
Time: 1:38 AM

Peak	rt	Height
1	0.53	267
2	1.20	228
3	2.70	975

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
114	B	S	1247009-25		2	228	0.879	0.00		< HS	accept

Notes

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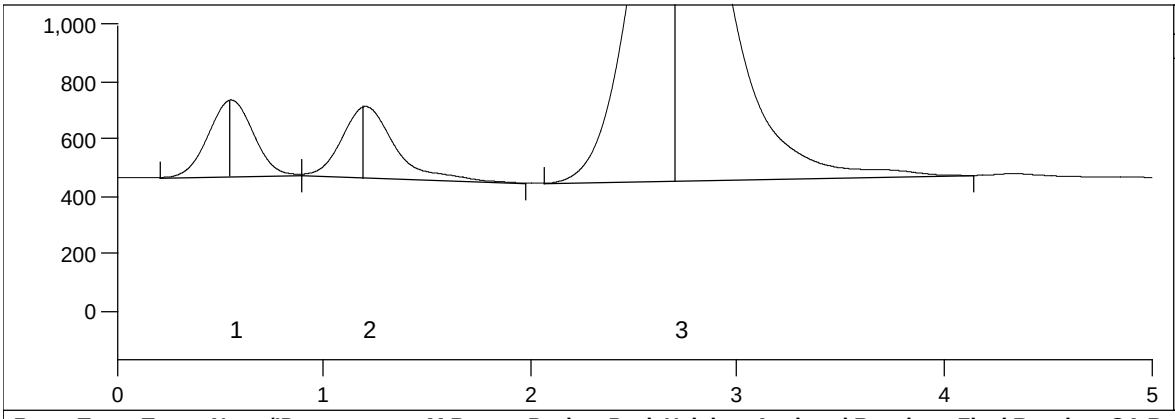
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

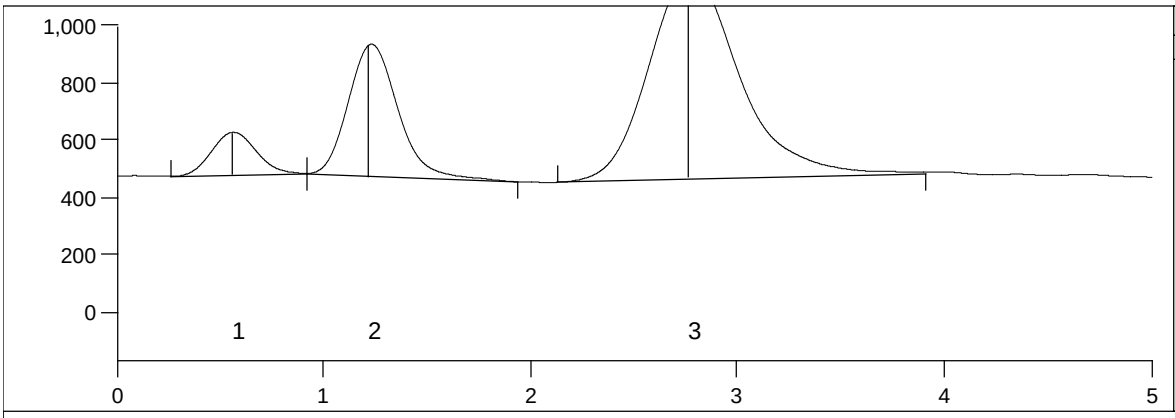


Date: 12/13/12
Time: 1:44 AM

Peak	rt	Height
1	0.54	267
2	1.20	245
3	2.70	1,530

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
115	C	S	1247009-27		2	245	0.948	0.00		< HS	accept

Notes

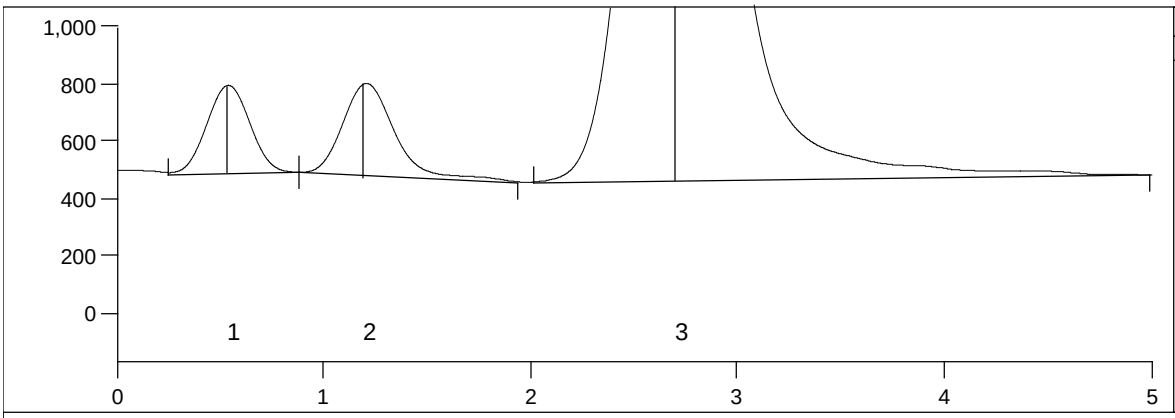


Date: 12/13/12
Time: 1:51 AM

Peak	rt	Height
1	0.56	151
2	1.22	461
3	2.77	724

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
116	A	S	1247009-29		2	461	1.83	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 1:58 AM

Peak	rt	Height
1	0.53	307
2	1.20	322
3	2.70	3,046

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
117	B	S	1247009-31		2	322	1.26	0.00		< HS	accept

Notes

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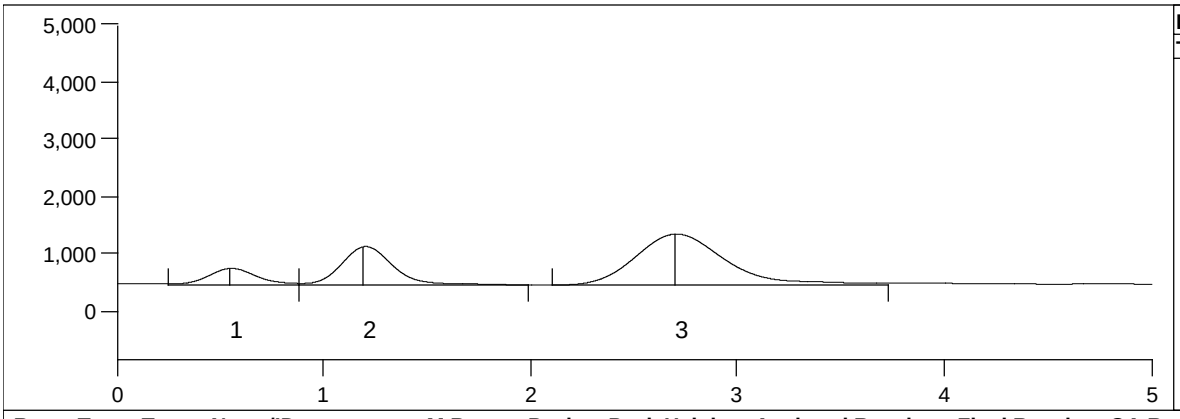
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

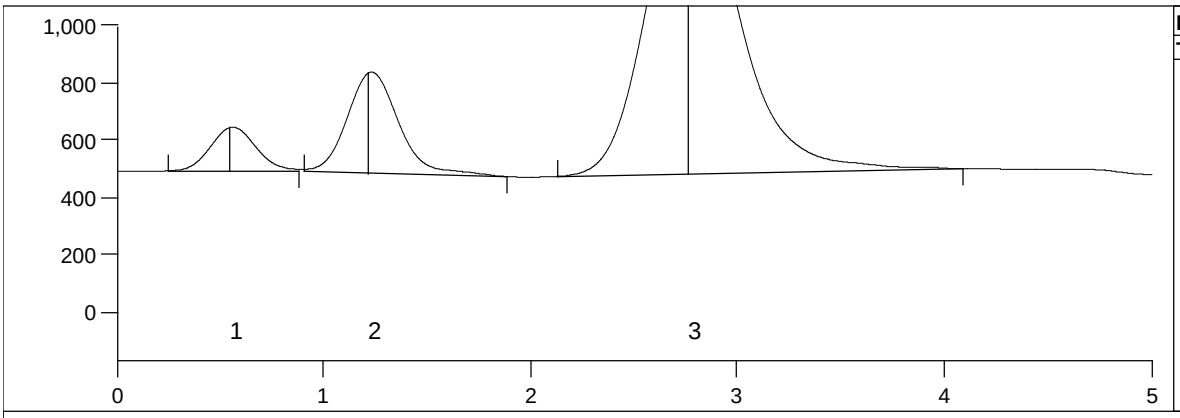


Date: 12/13/12
Time: 2:04 AM

Peak	rt	Height
1	0.55	268
2	1.20	654
3	2.70	884

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
118	C	S	1247009-33		2	654	2.61	0.00		< HS	accept

Notes

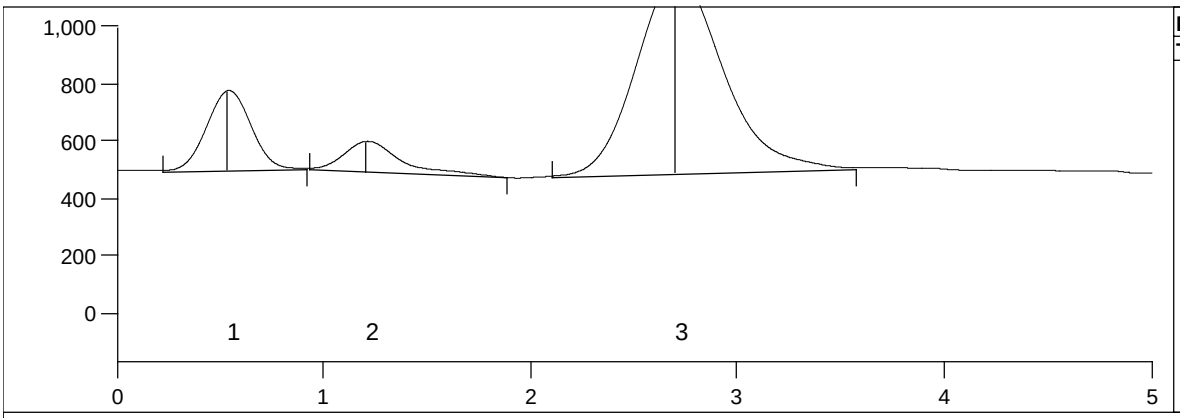


Date: 12/13/12
Time: 2:11 AM

Peak	rt	Height
1	0.55	151
2	1.22	349
3	2.76	1,127

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
119	A	S	1247009-35		2	349	1.37	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 2:18 AM

Peak	rt	Height
1	0.54	277
2	1.20	104
3	2.70	692

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
120	B	S	1248009-01		2	104	0.375	0.00		< HS	accept

Notes

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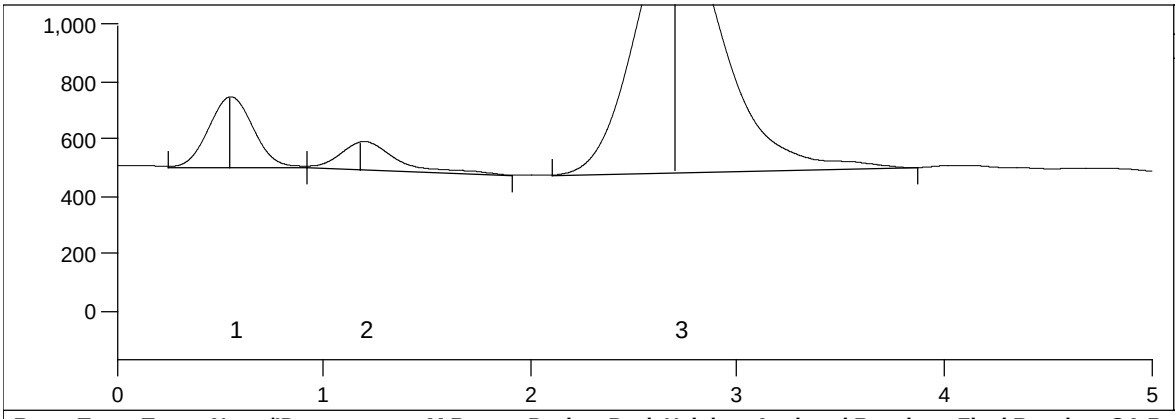
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

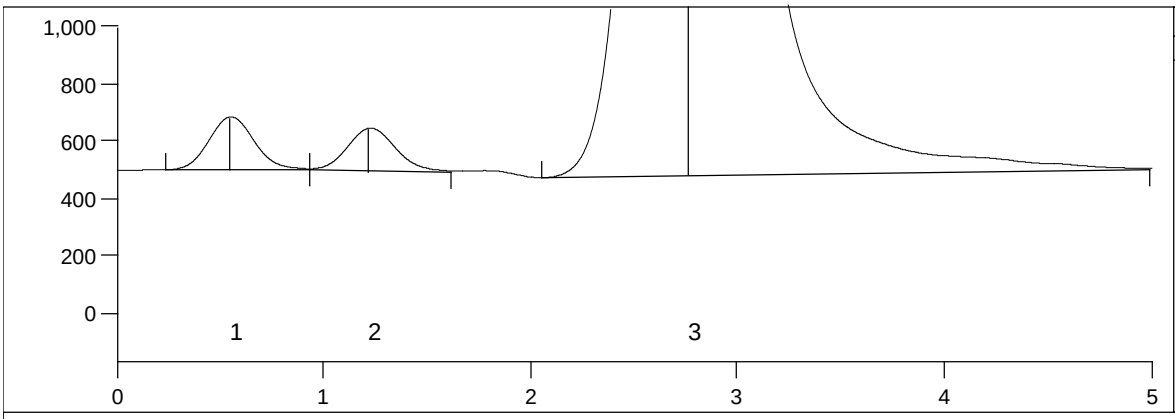


Date: 12/13/12
Time: 2:24 AM

Peak	rt	Height
1	0.54	244
2	1.18	94
3	2.70	895

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
121	C	S	1248009-02		2	94	0.335	0.00		< HS	accept

Notes

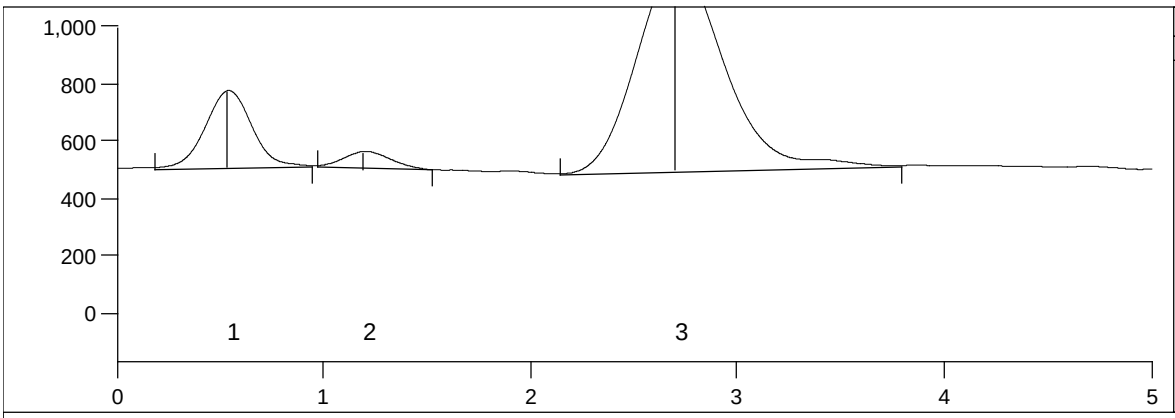


Date: 12/13/12
Time: 2:31 AM

Peak	rt	Height
1	0.54	184
2	1.22	145
3	2.76	5,678

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
122	A	S	1248009-03		2	145	0.542	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 2:38 AM

Peak	rt	Height
1	0.53	267
2	1.20	55
3	2.70	725

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
123	B	S	1248009-04		2	55	0.176	0.00		< HS	accept

Notes

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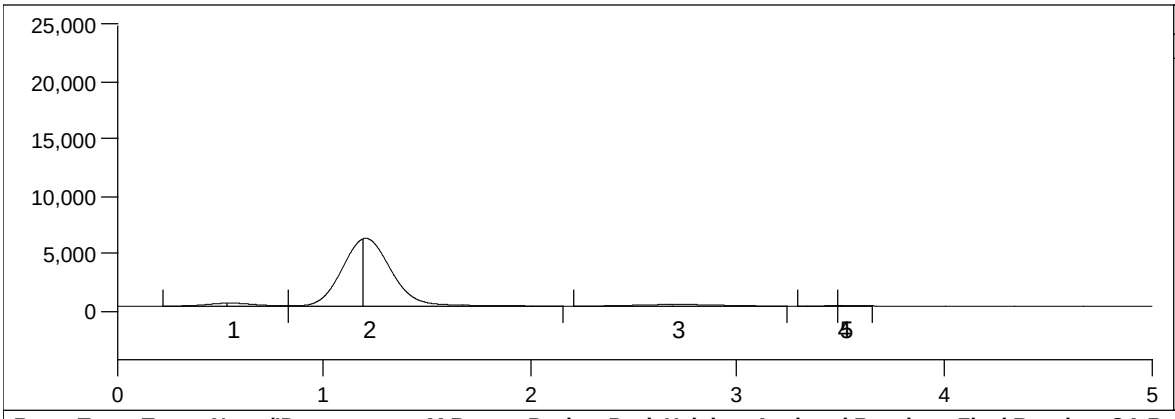
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

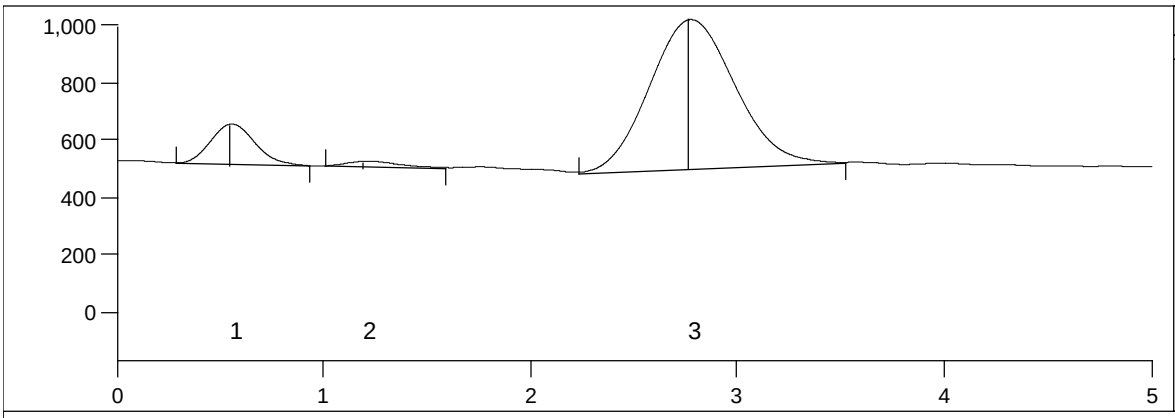
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 2:44 AM

Peak	rt	Height
1	0.54	259
2	1.20	5,926
3	2.69	156
4	3.48	1
5	3.50	1

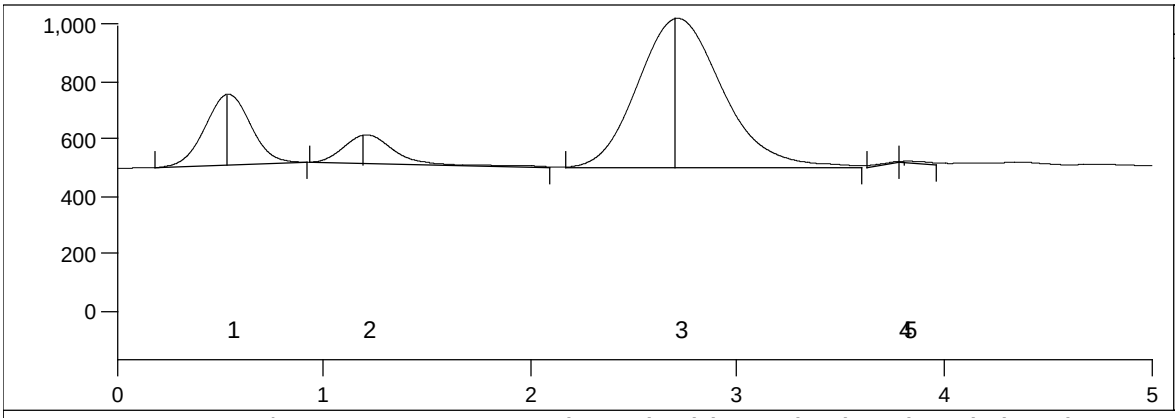
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
124	C	CCV	SEQ-CCV		2	5,926	24.0		96.1	67-133	accept
Notes											



Date: 12/13/12
Time: 2:51 AM

Peak	rt	Height
1	0.55	141
2	1.19	18
3	2.77	521

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
125	A	CCB	SEQ-CCB		2	18	0.0731		0.0731	< 1.4	accept
Notes											



Date: 12/13/12
Time: 2:58 AM

Peak	rt	Height
1	0.53	248
2	1.20	99
3	2.70	521
4	3.78	1
5	3.80	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
126	B	S	1248010-01		2	99	0.355	0.00		< HS	accept
Notes											

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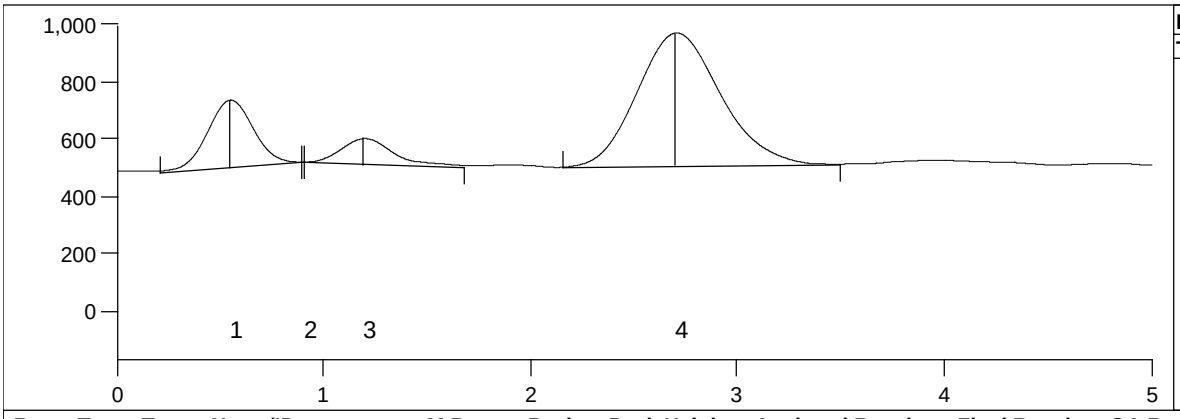
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

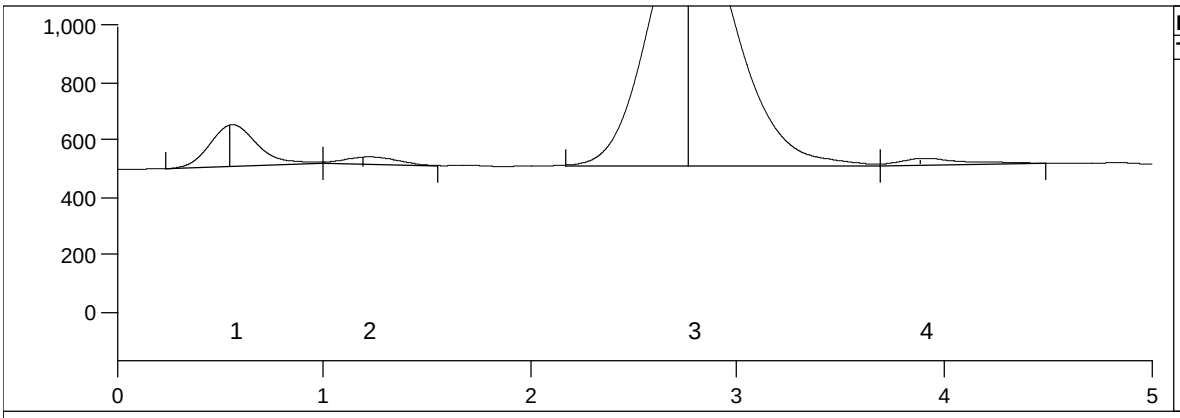
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 3:04 AM

Peak	rt	Height
1	0.54	234
2	0.91	1
3	1.19	87
4	2.70	466

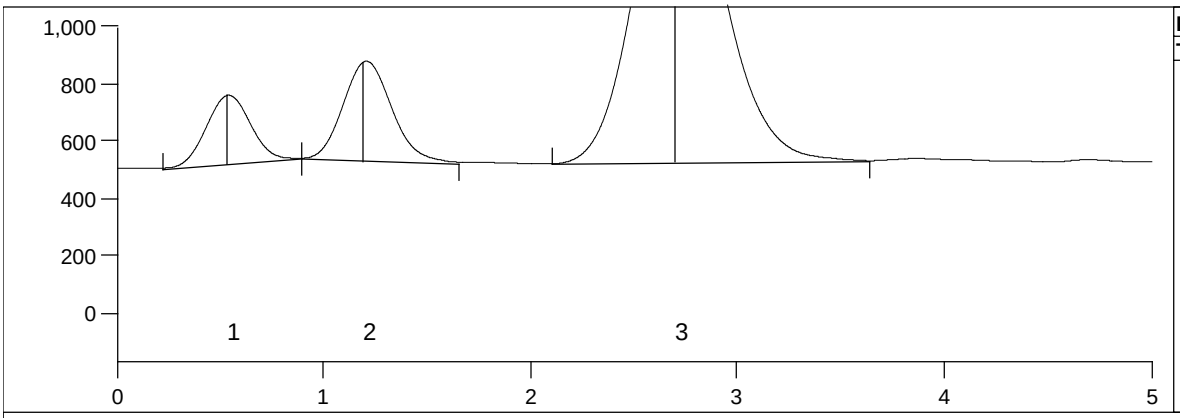
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
127	C	S	1248010-02		3	87	0.306	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 3:11 AM

Peak	rt	Height
1	0.55	145
2	1.20	22
3	2.76	912
4	3.88	20

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
128	A	S	1248010-03		2	22	0.0420	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 3:18 AM

Peak	rt	Height
1	0.53	240
2	1.20	345
3	2.70	1,208

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
129	B	S	B122279-MS3		2	345	1.35	0.00		< HS	accept
Notes											

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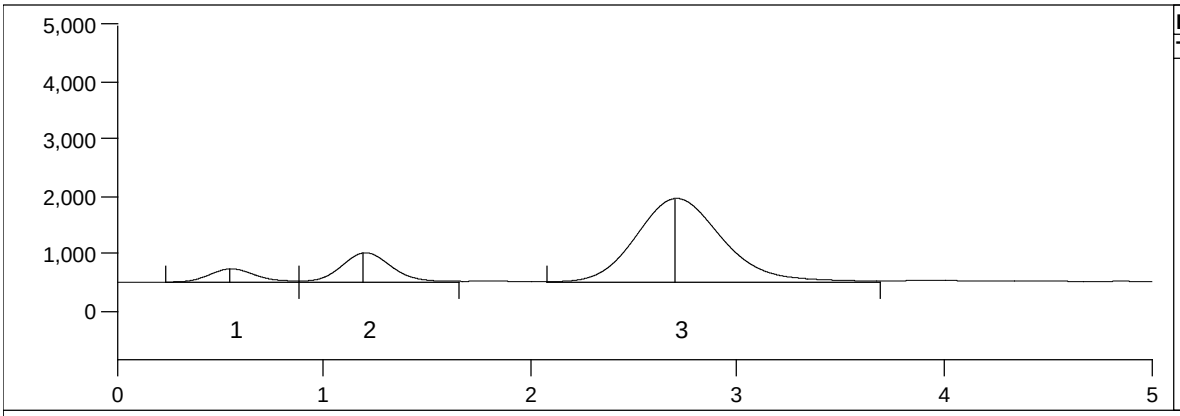
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

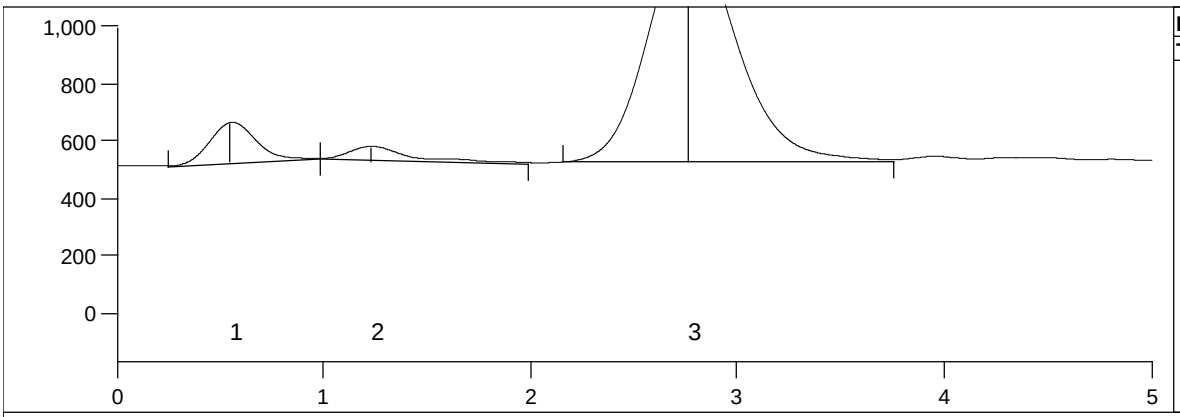


Date: 12/13/12
Time: 3:24 AM

Peak	rt	Height
1	0.54	222
2	1.20	496
3	2.70	1,456

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
130	C	S	B122279-MSD3		2	496	1.97	0.00		< HS	accept

Notes

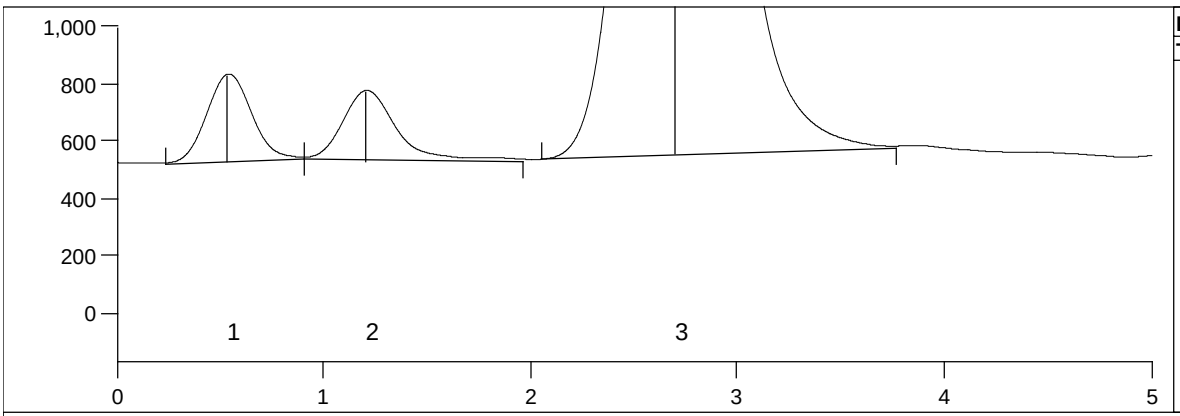


Date: 12/13/12
Time: 3:31 AM

Peak	rt	Height
1	0.55	143
2	1.22	46
3	2.76	814

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
131	A	S	1248010-04		2	46	0.139	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 3:38 AM

Peak	rt	Height
1	0.54	303
2	1.20	236
3	2.70	3,974

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
132	B	S	1248010-05		2	236	0.911	0.00		< HS	accept

Notes

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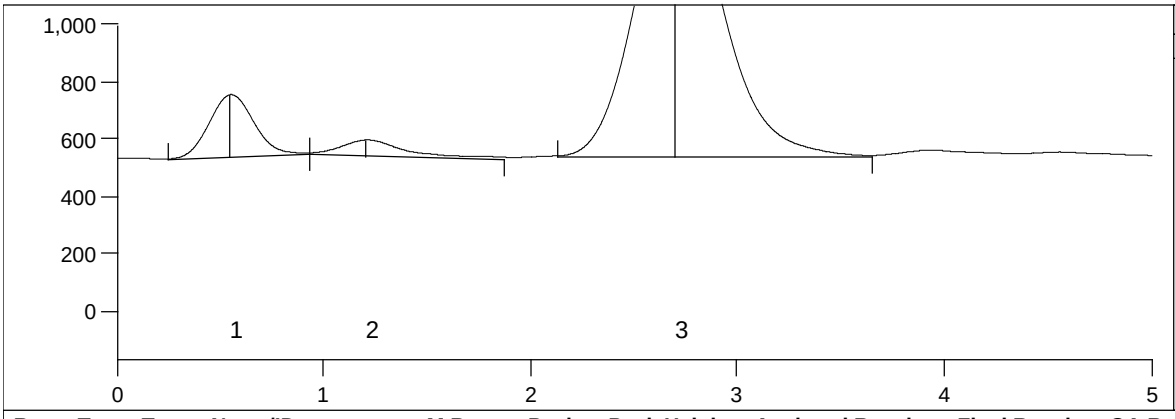
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

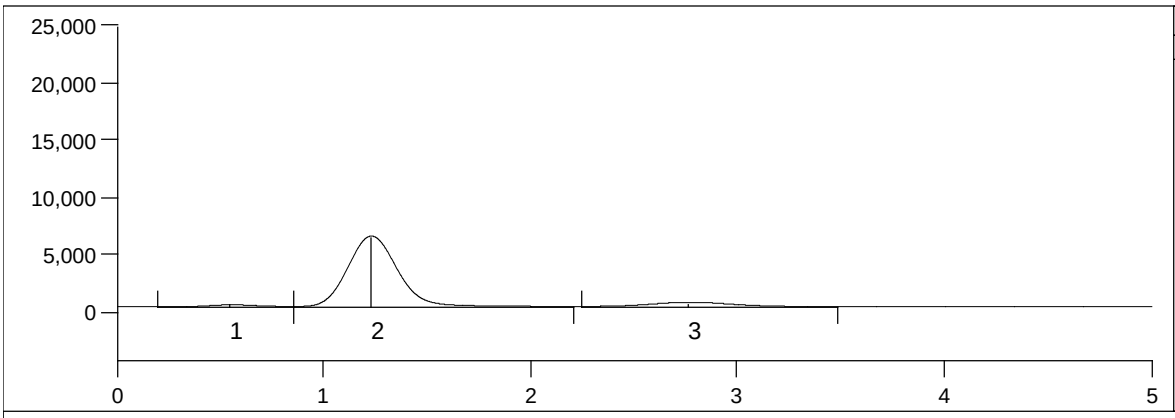
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 3:44 AM

Peak	rt	Height
1	0.54	216
2	1.20	49
3	2.70	1,021

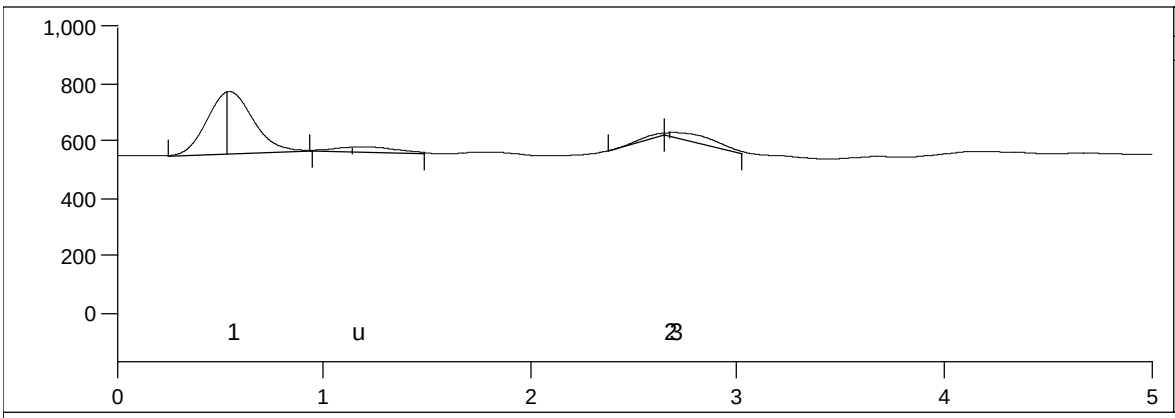
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
133	C	S	1248010-06		2	49	0.152	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 3:51 AM

Peak	rt	Height
1	0.55	170
2	1.22	6,177
3	2.76	363

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
134	A	CCV	SEQ-CCV		2	6,177	25.0		100.	67-133	accept
Notes											



Date: 12/13/12
Time: 3:58 AM

Peak	rt	Height
1	0.54	217
2	2.65	1
3	2.67	4
u	1.14	15

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
135	B	CCB	SEQ-CCB		u	15	0.0609		0.0609	< 1.4	accept
Notes											

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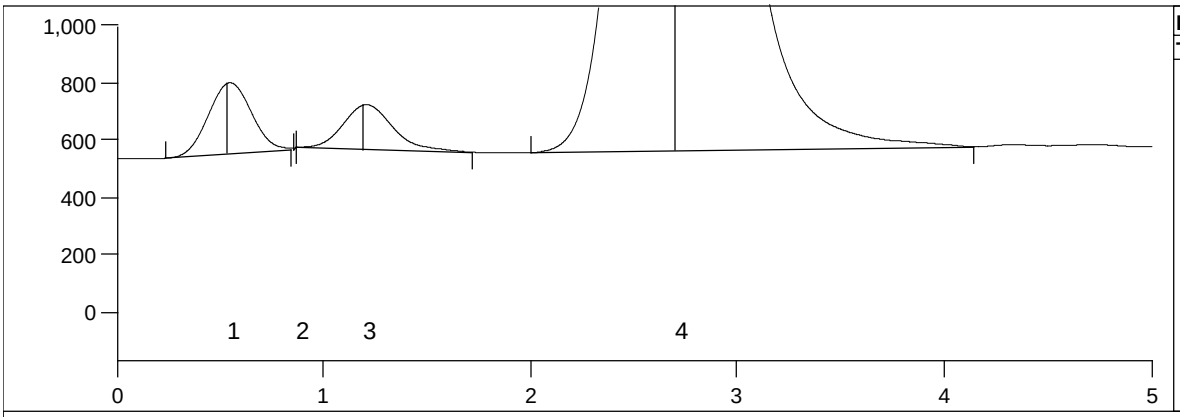
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

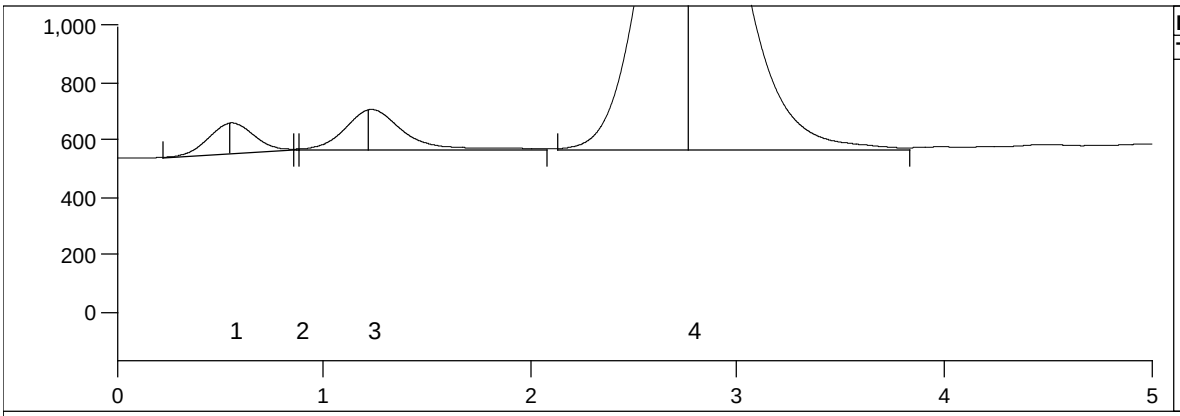


Date: 12/13/12
Time: 4:04 AM

Peak	rt	Height
1	0.54	247
2	0.87	1
3	1.20	156
4	2.70	4,786

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
136	C	S	B122313-BLK1		3	156	0.586	0.00		< HS	accept

Notes

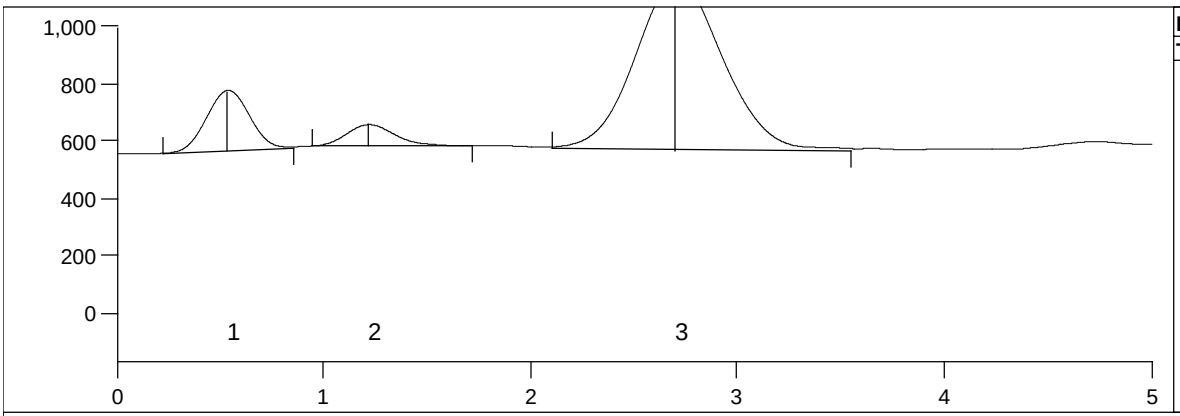


Date: 12/13/12
Time: 4:11 AM

Peak	rt	Height
1	0.55	106
2	0.87	1
3	1.22	138
4	2.76	1,505

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
137	A	S	B122313-BLK2		3	138	0.513	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 4:18 AM

Peak	rt	Height
1	0.53	210
2	1.21	75
3	2.70	592

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
138	B	S	B122313-BLK3		2	75	0.257	0.00		< HS	accept

Notes

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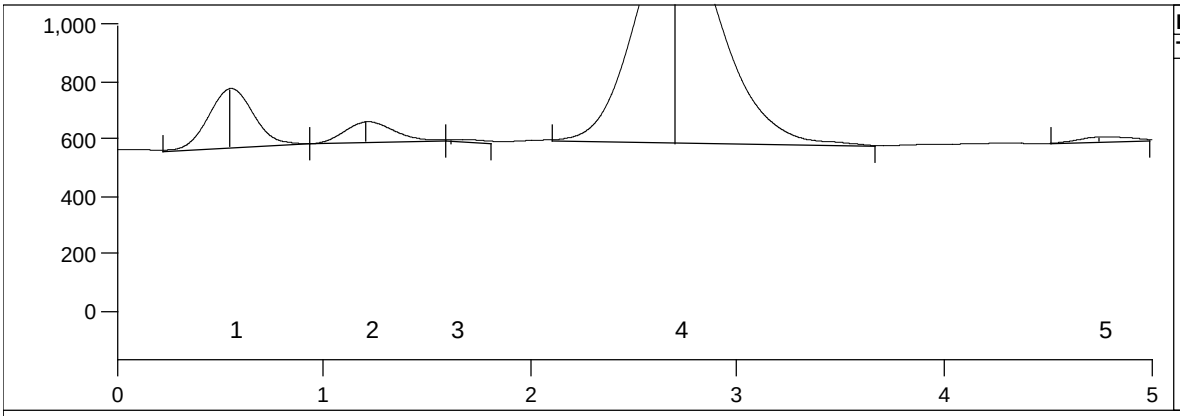
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

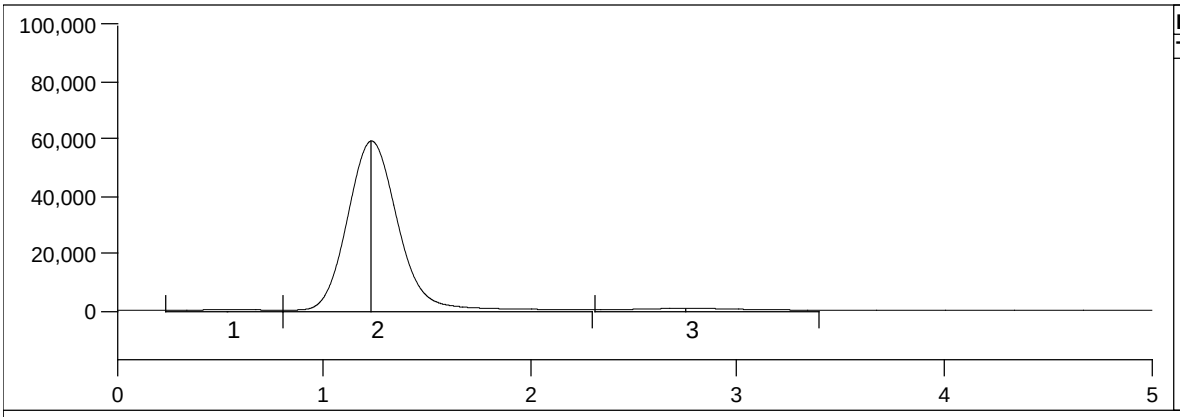


Date: 12/13/12
Time: 4:24 AM

Peak	rt	Height
1	0.54	206
2	1.20	71
3	1.61	1
4	2.70	784
5	4.74	17

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
139	C	S	B122313-BLK4		2	71	0.241	0.00		< HS	accept

Notes

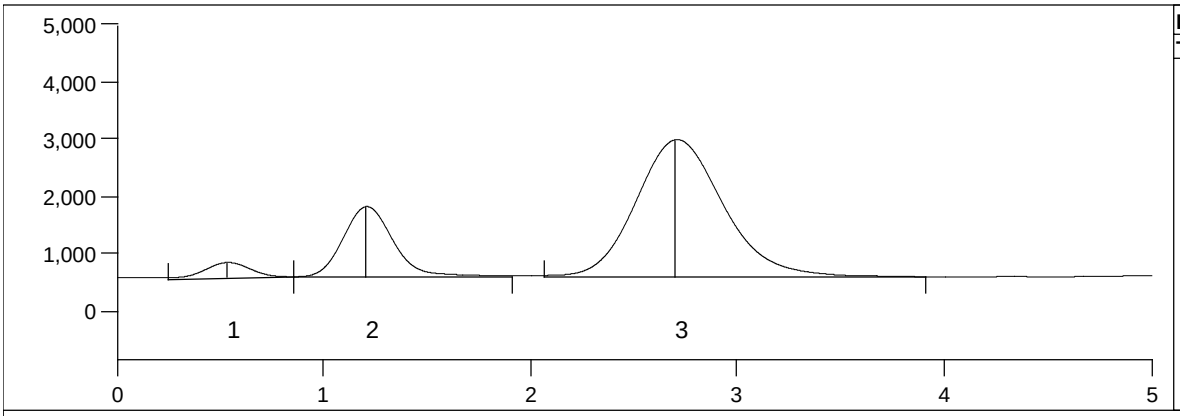


Date: 12/13/12
Time: 4:31 AM

Peak	rt	Height
1	0.54	252
2	1.22	59,215
3	2.75	545

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
140	A	S	B122313-SRM1		2	59,215	241	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 4:38 AM

Peak	rt	Height
1	0.53	260
2	1.20	1,224
3	2.70	2,388

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
141	B	S	1249025-04		2	1,224	4.93	0.00		< HS	accept

Notes

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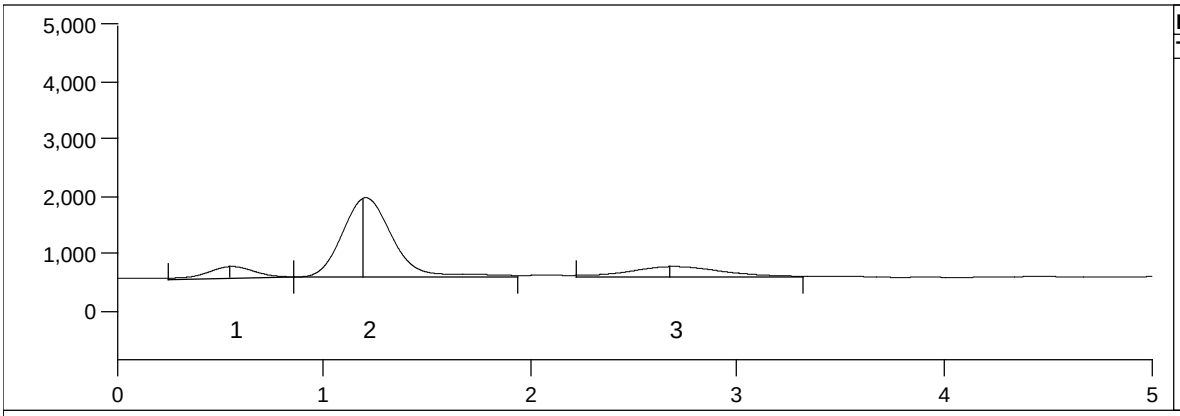
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

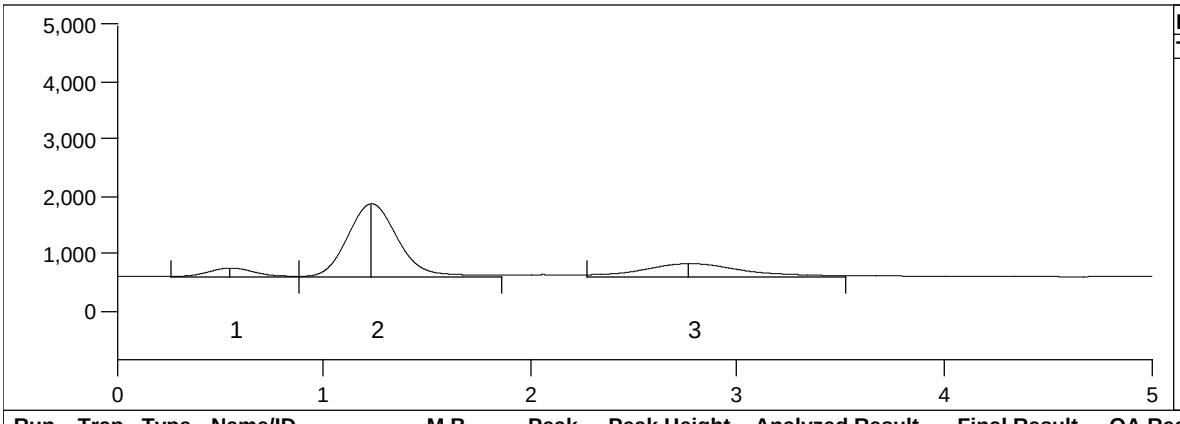


Date: 12/13/12
Time: 4:44 AM

Peak	rt	Height
1	0.55	193
2	1.20	1,379
3	2.68	159

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
142	C	S	1249029-01		2	1,379	5.56	0.00		< HS	accept

Notes

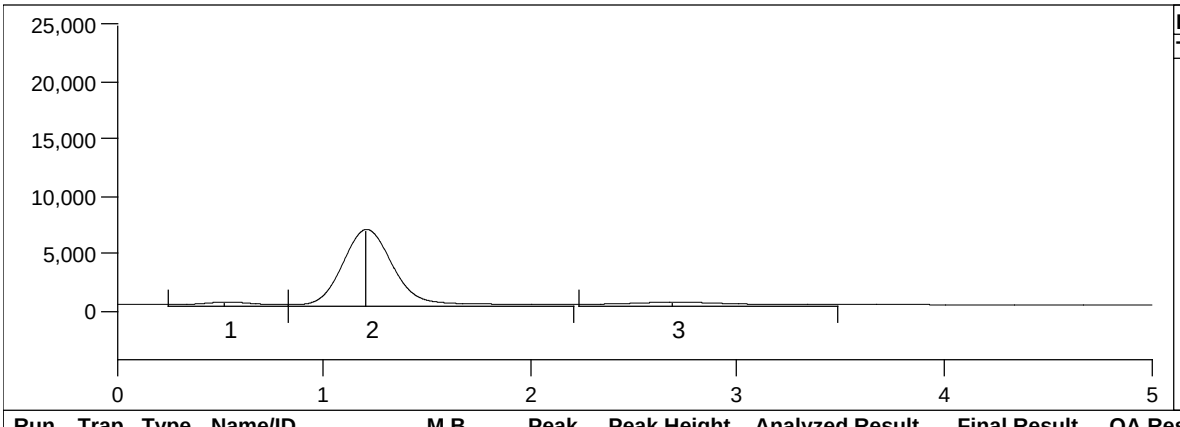


Date: 12/13/12
Time: 4:51 AM

Peak	rt	Height
1	0.54	146
2	1.22	1,264
3	2.76	200

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
143	A	S	B122313-DUP1		2	1,264	5.09	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 4:58 AM

Peak	rt	Height
1	0.53	226
2	1.20	6,581
3	2.68	185

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
144	B	S	B122313-MS1		2	6,581	26.7	0.00		< HS	accept

Notes

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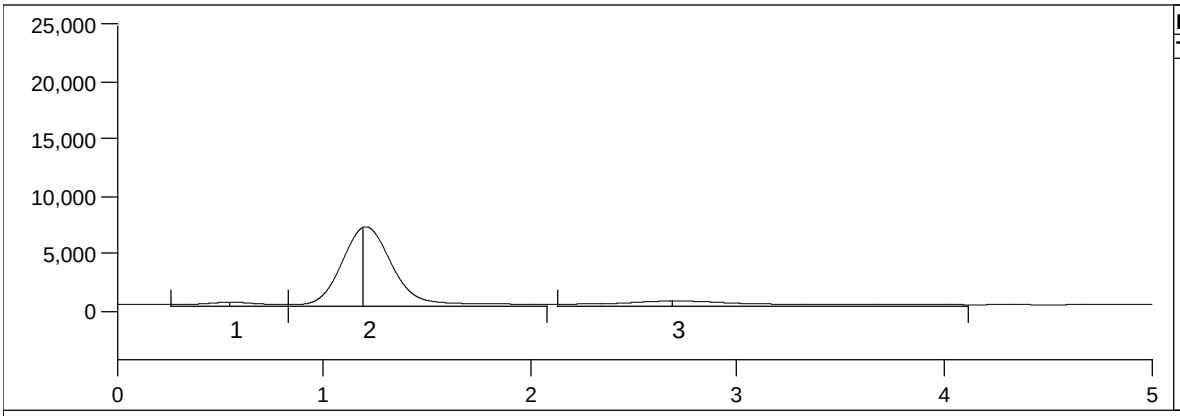
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

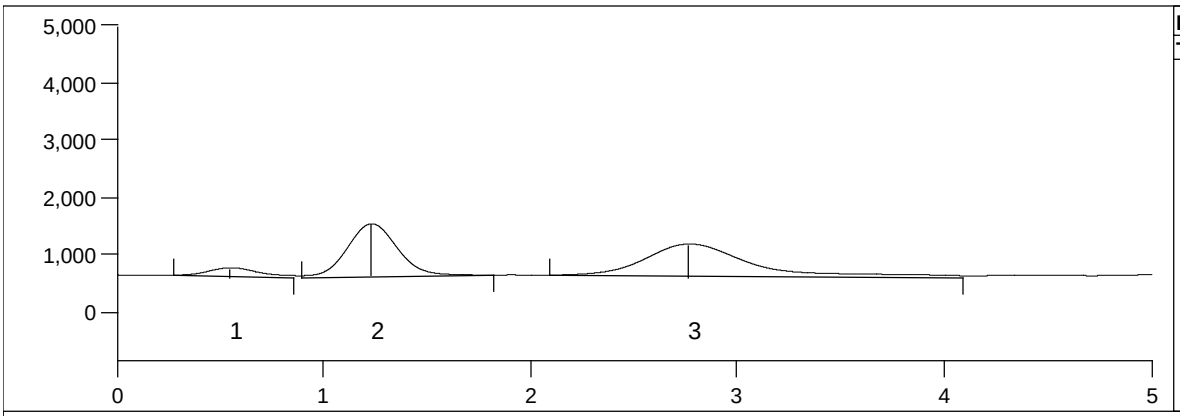
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 5:04 AM

Peak	rt	Height
1	0.54	203
2	1.20	6,813
3	2.69	280

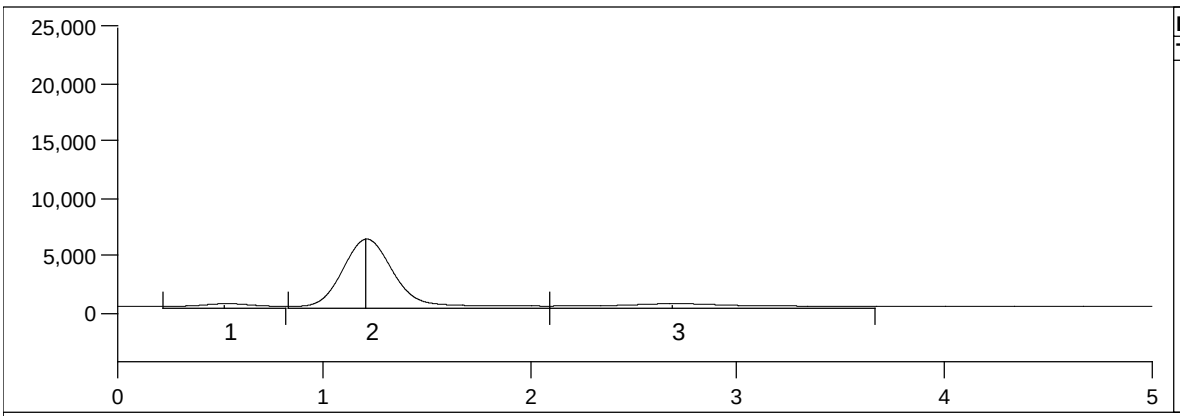
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
145	C	S	B122313-MSD1		2	6,813	27.6	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 5:11 AM

Peak	rt	Height
1	0.54	135
2	1.22	907
3	2.76	551

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
146	A	S	1249029-02		2	907	3.64	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 5:18 AM

Peak	rt	Height
1	0.53	225
2	1.20	5,882
3	2.69	205

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
147	B	CCV	SEQ-CCV		2	5,882	23.9		95.4	67-133	accept
Notes											

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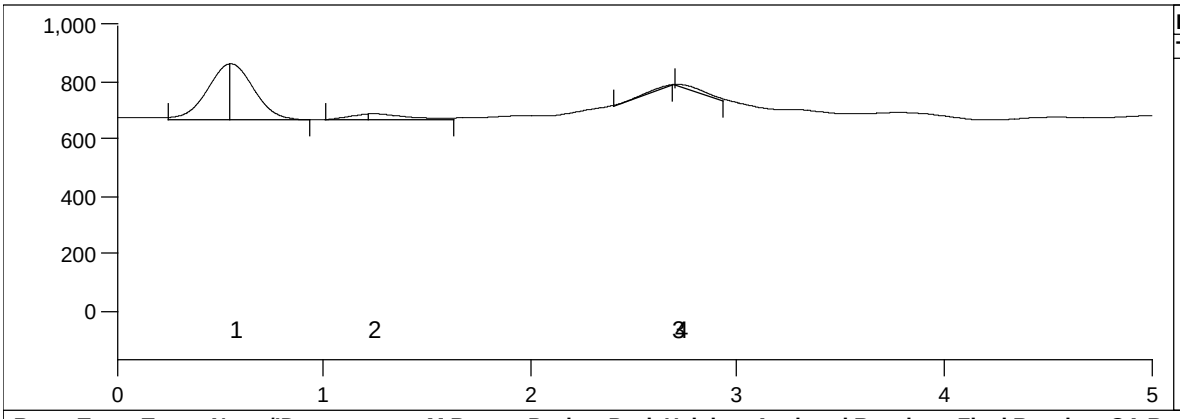
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

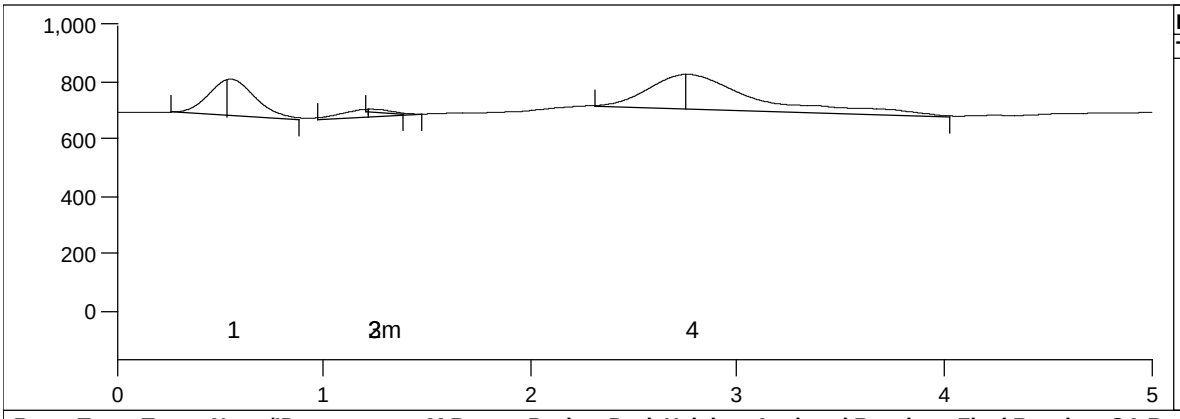


Date: 12/13/12
Time: 5:24 AM

Peak	rt	Height
1	0.54	191
2	1.22	18
3	2.69	2
4	2.70	2

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
148	C	CCB	SEQ-CCB		2	18	0.0731		0.0731	< 1.4	accept

Notes

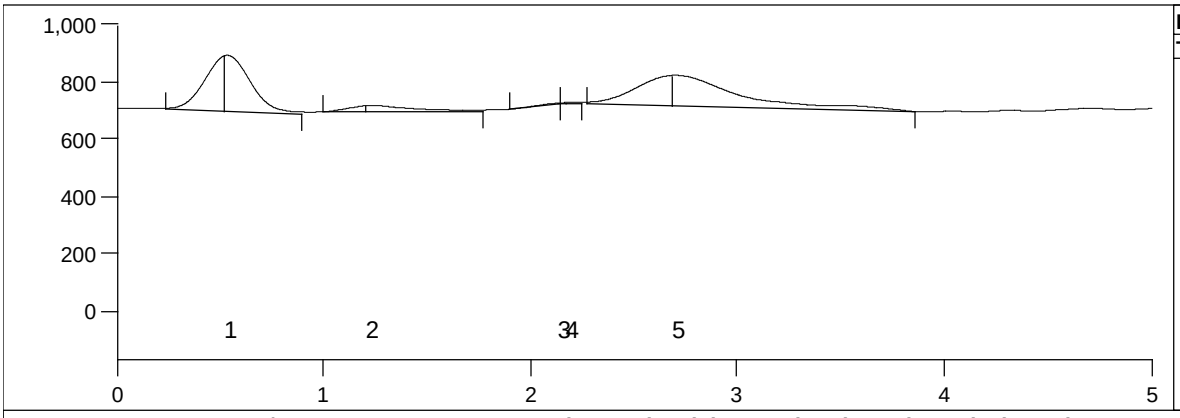


Date: 12/13/12
Time: 5:31 AM

Peak	rt	Height
1	0.54	124
2m	1.21	25
3	1.22	2
4	2.75	118

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
149	A	S	B122046-BLK1		2m	25	0.0542	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 5:38 AM

Peak	rt	Height
1	0.53	192
2	1.21	20
3	2.14	1
4	2.16	1
5	2.68	103

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
150	B	S	B122046-BLK2		2	20	0.0339	0.00		< HS	accept

Notes

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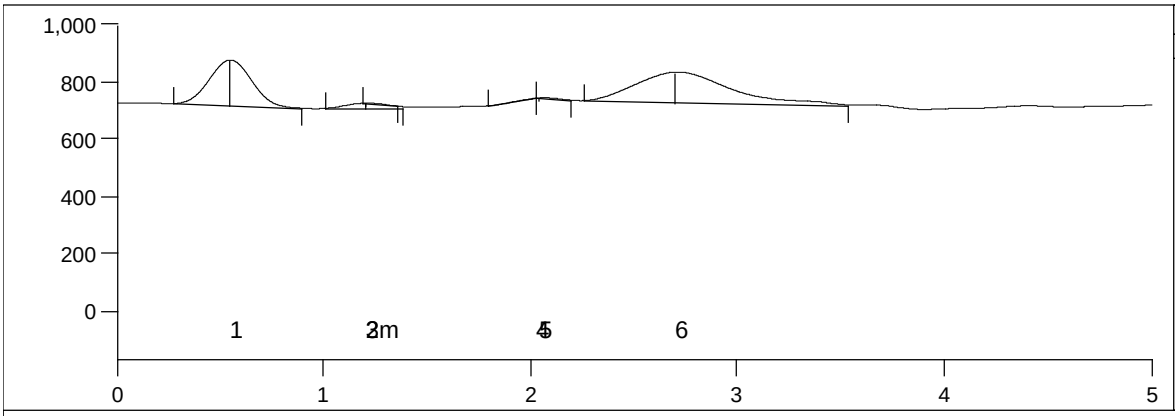
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

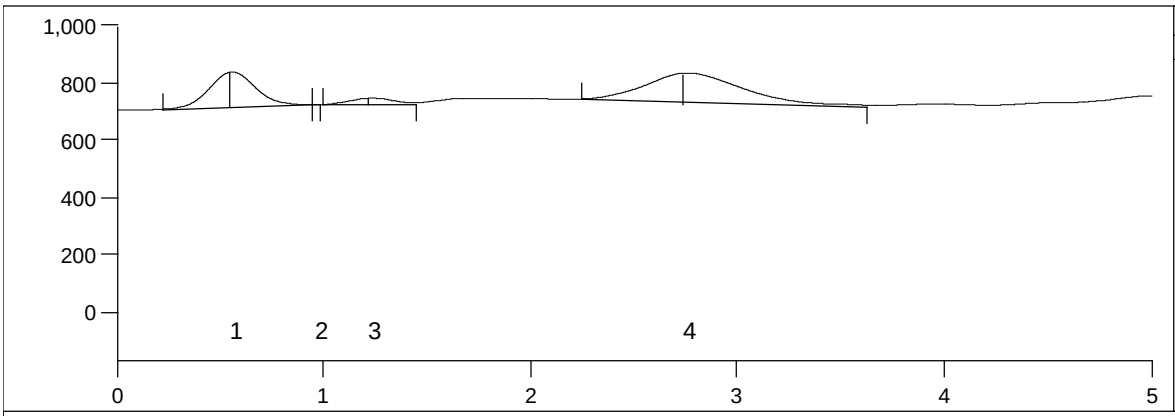
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 5:44 AM

Peak	rt	Height
1	0.54	159
2m	1.20	17
3	1.20	1
4	2.03	1
5	2.05	1
6	2.70	105

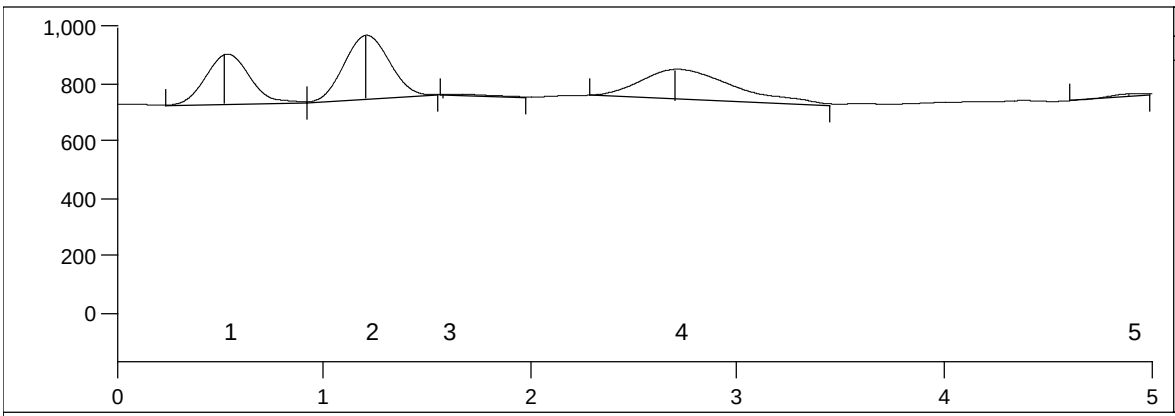
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
151	C	S	B122046-BLK3		2m	17	0.0217	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 5:51 AM

Peak	rt	Height
1	0.55	124
2	0.96	1
3	1.22	20
4	2.74	99

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
152	A	S	B122046-BLK4		3	20	0.0339	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 5:58 AM

Peak	rt	Height
1	0.53	174
2	1.20	222
3	1.58	1
4	2.69	102
5	4.90	7

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
153	B	S	B122046-BS1		2	222	0.855	0.00		< HS	accept
Notes											

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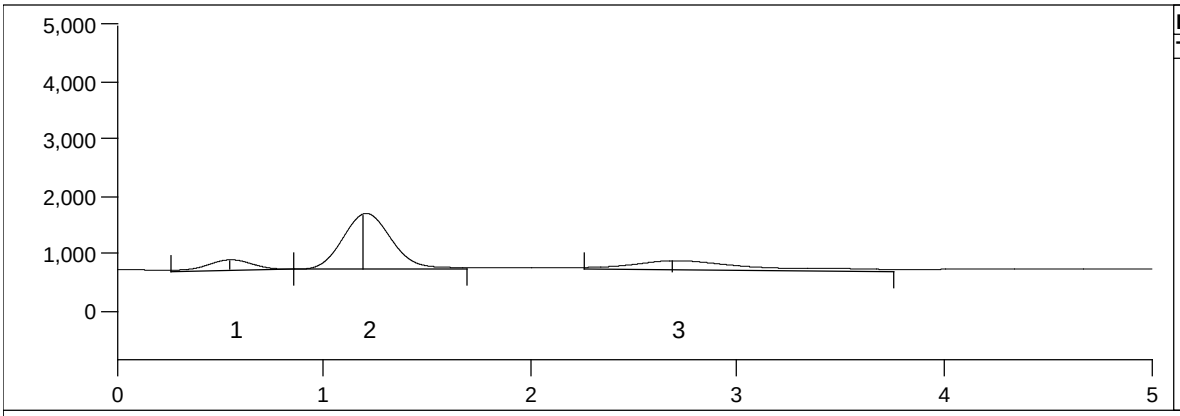
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

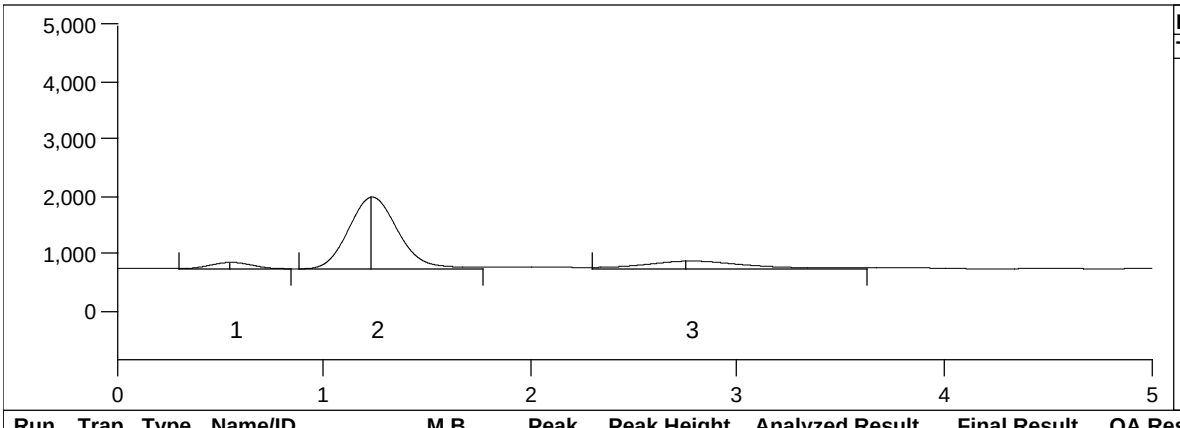


Date: 12/13/12
Time: 6:04 AM

Peak	rt	Height
1	0.54	176
2	1.20	966
3	2.69	128

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
154	C	S	B122046-BS2		2	966	3.88	0.00		< HS	accept

Notes

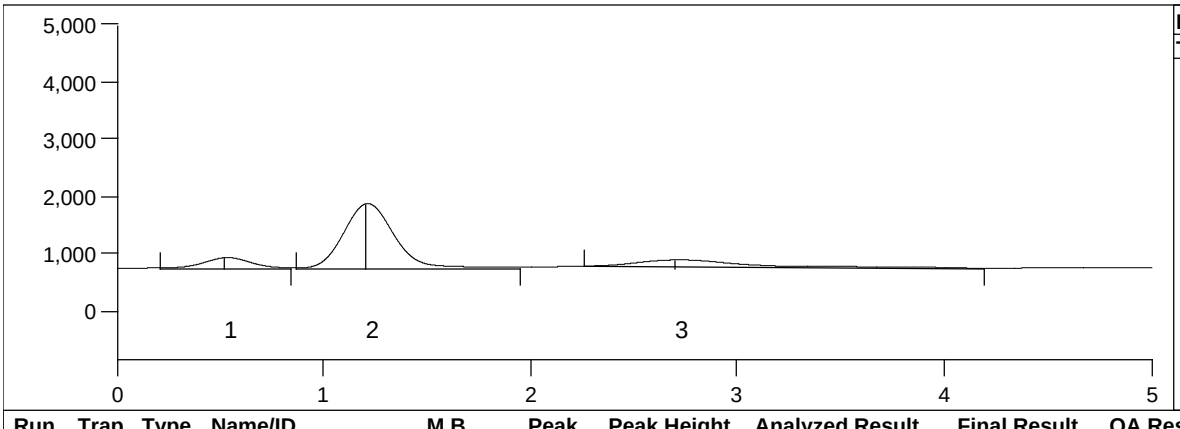


Date: 12/13/12
Time: 6:11 AM

Peak	rt	Height
1	0.54	109
2	1.23	1,245
3	2.76	113

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
155	A	S	B122046-BS3		2	1,245	5.01	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 6:18 AM

Peak	rt	Height
1	0.53	178
2	1.20	1,124
3	2.70	118

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
156	B	S	B122046-BS4		2	1,124	4.52	0.00		< HS	accept

Notes

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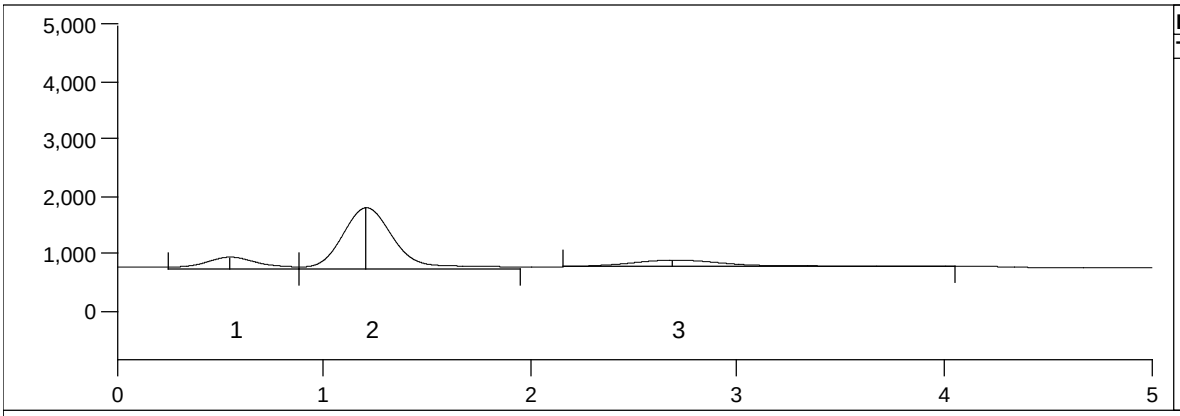
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

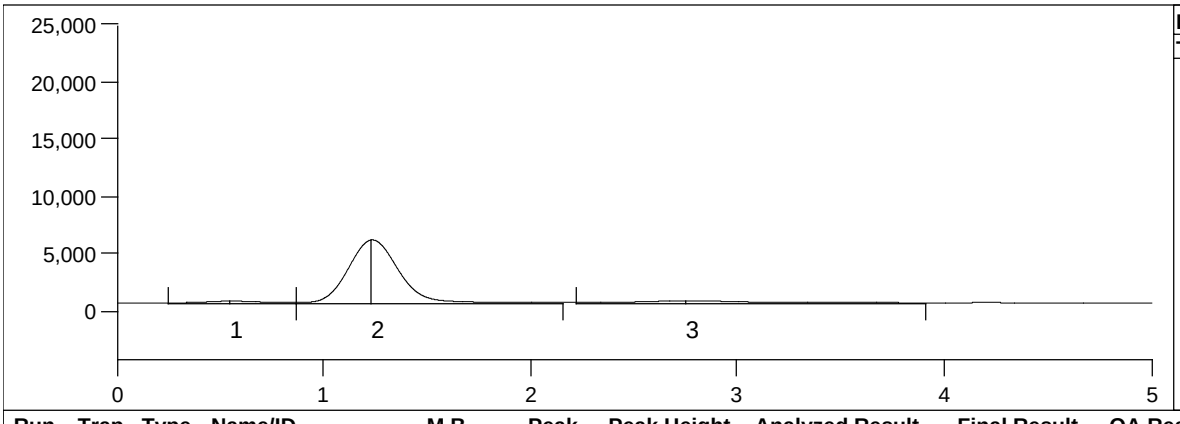
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 6:24 AM

Peak	rt	Height
1	0.54	171
2	1.20	1,038
3	2.68	115

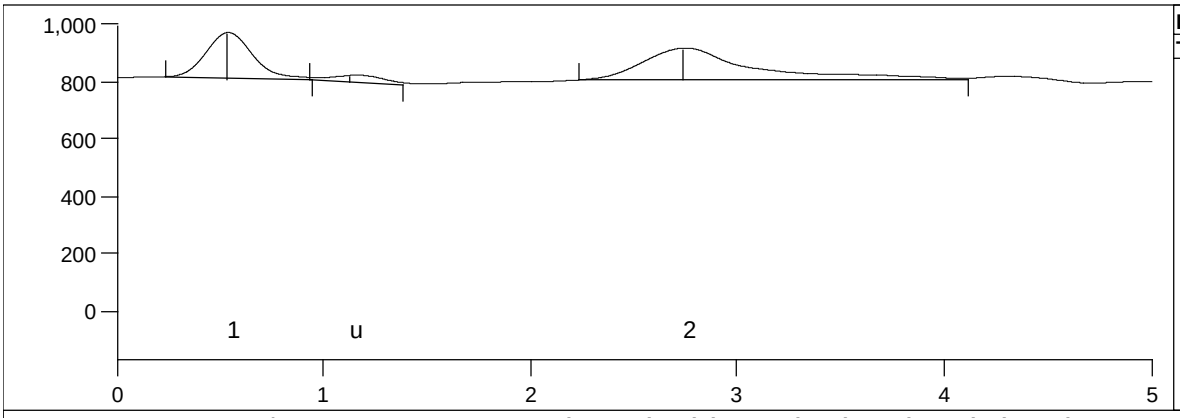
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
157	C	S	B122046-BS5		2	1,038	4.17	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 6:31 AM

Peak	rt	Height
1	0.55	136
2	1.23	5,496
3	2.75	155

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
158	A	CCV	SEQ-CCV		2	5,496	22.3		89.1	67-133	accept
Notes											



Date: 12/13/12
Time: 6:38 AM

Peak	rt	Height
1	0.53	155
2	2.73	110
u	1.12	15

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
159	B	CCB	SEQ-CCB		u	15	0.0609		0.0609	< 1.4	accept
Notes											

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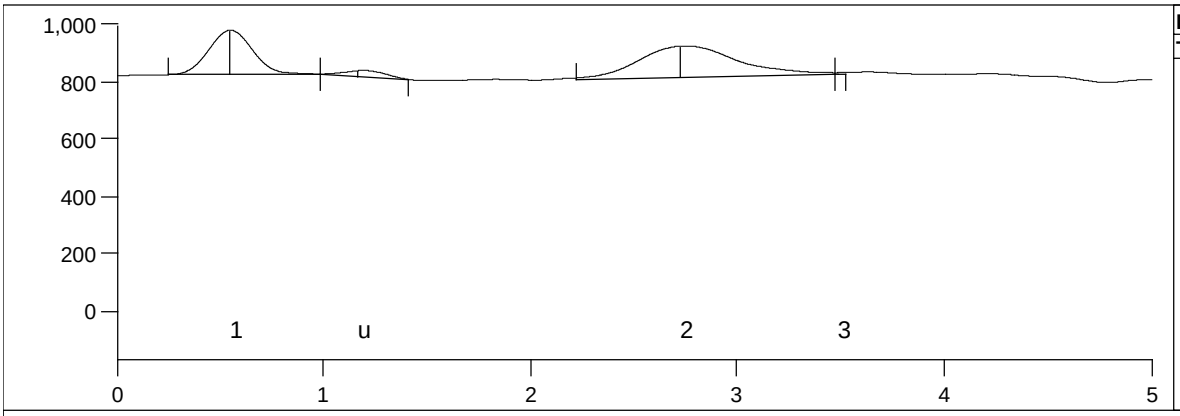
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

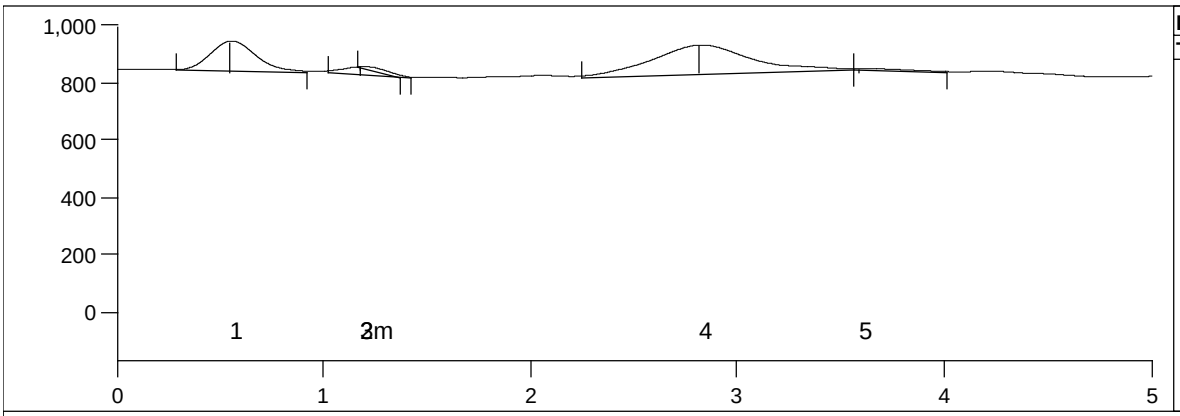
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 6:44 AM

Peak	rt	Height
1	0.54	155
2	2.72	105
3	3.48	1
u	1.16	20

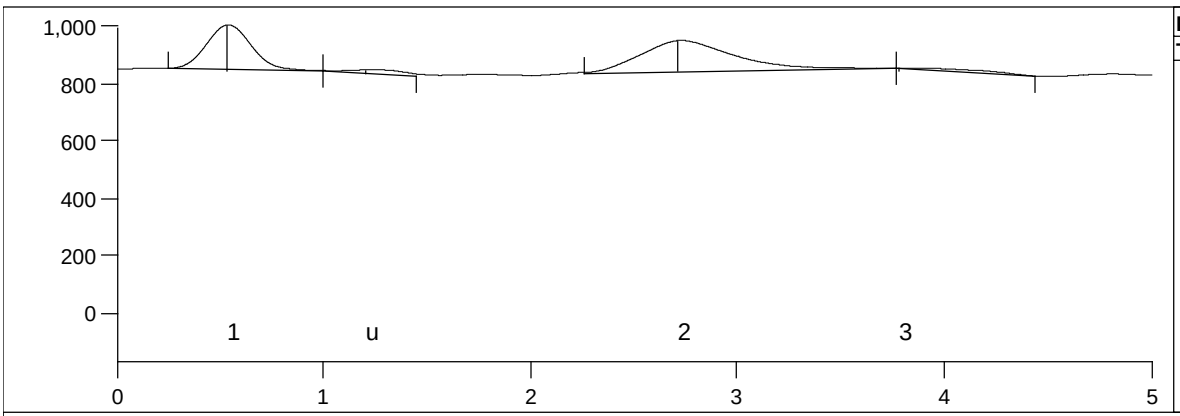
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
160	C	S	B122209-BLK1		u	20	0.0339	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 6:51 AM

Peak	rt	Height
1	0.55	102
2m	1.18	23
3	1.18	3
4	2.81	98
5	3.58	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
161	A	S	B122209-BLK2		2m	23	0.0460	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 6:58 AM

Peak	rt	Height
1	0.53	155
2	2.71	107
3	3.79	1
u	1.20	9

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
162	B	S	B122209-BLK3		u	9	-0.0108	0.00		< HS	accept
Notes											

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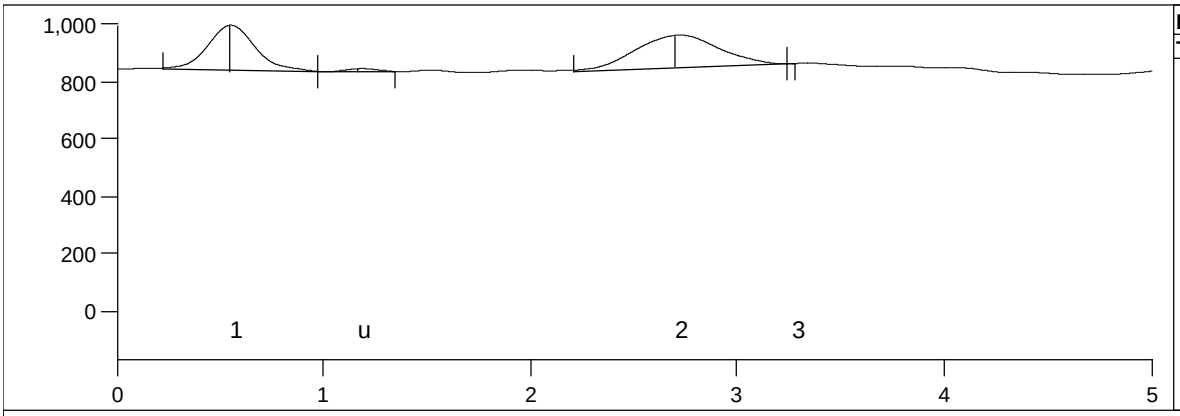
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

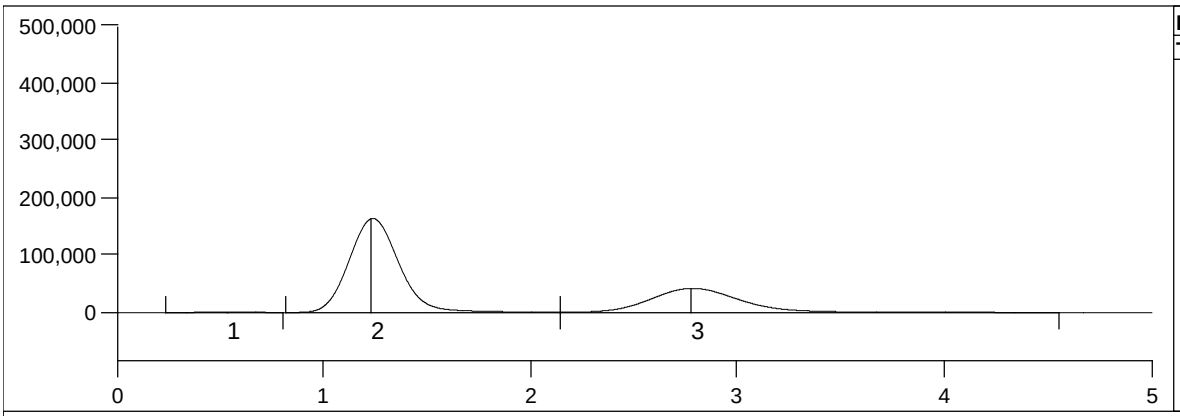


Date: 12/13/12
Time: 7:04 AM

Peak	rt	Height
1	0.54	154
2	2.70	112
3	3.26	1
u	1.16	11

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
163	C	S	B122209-BLK4		u	11	-0.00271	0.00		< HS	accept

Notes

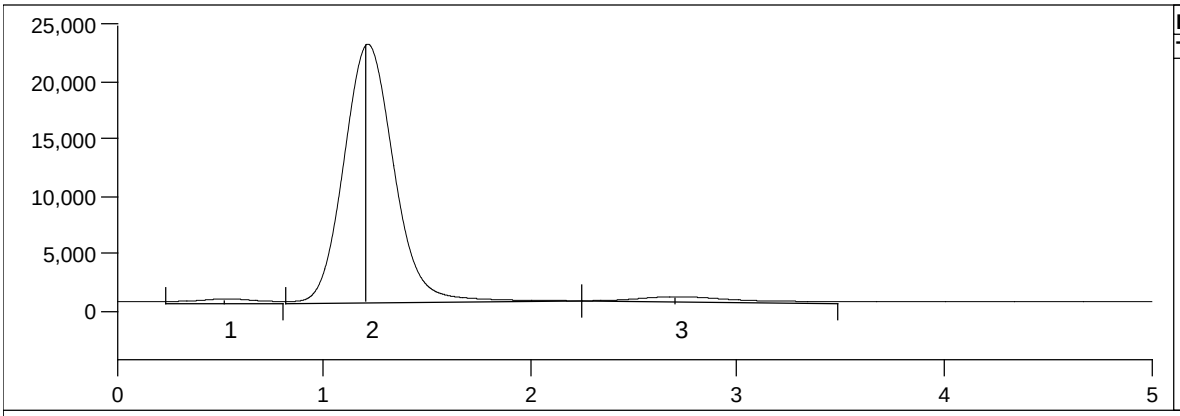


Date: 12/13/12
Time: 7:11 AM

Peak	rt	Height
1	0.53	1,384
2	1.23	164,426
3	2.78	41,717

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
164	A	S	B122209-SRM1		2	164,426	668	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 7:18 AM

Peak	rt	Height
1	0.52	236
2	1.21	22,530
3	2.70	379

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
165	B	S	B122209-SRM2		2	22,530	91.5	0.00		< HS	accept

Notes

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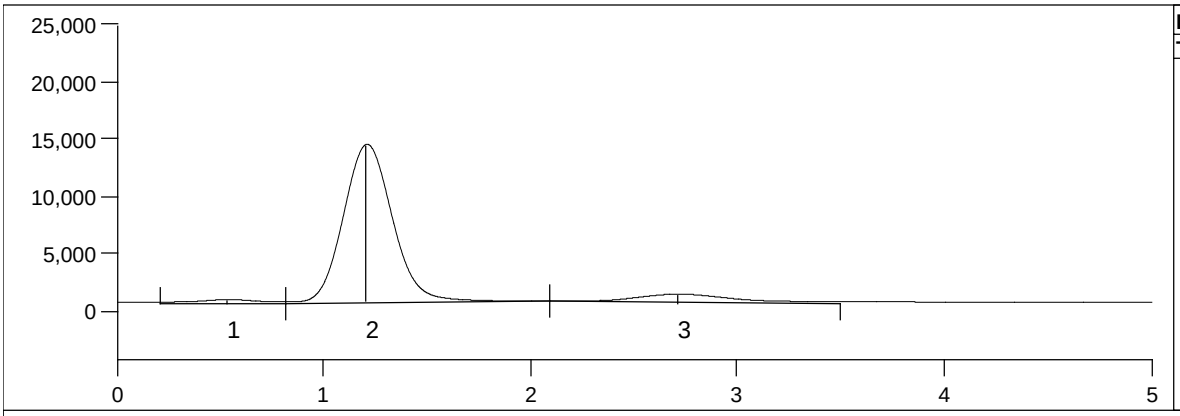
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

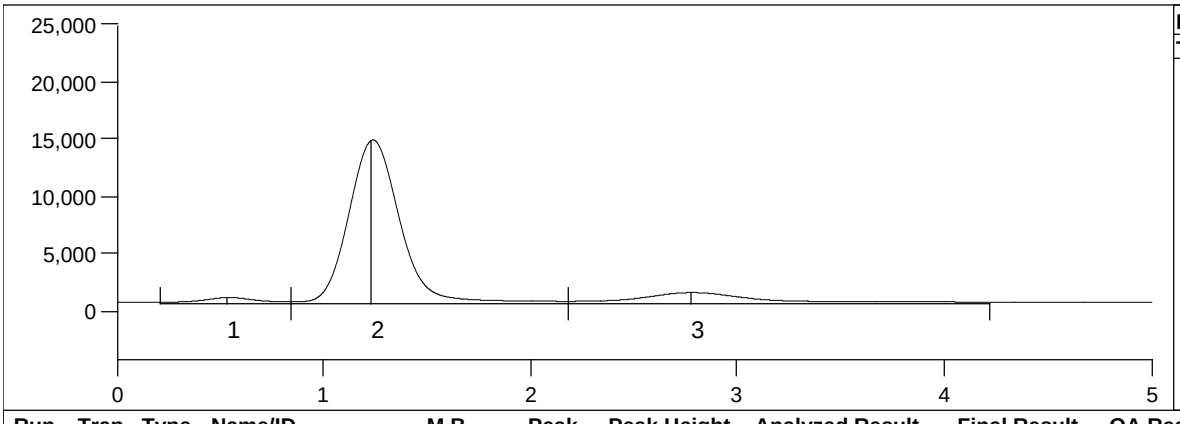


Date: 12/13/12
Time: 7:24 AM

Peak	rt	Height
1	0.53	218
2	1.20	13,799
3	2.71	646

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
166	C	S	1234023-01RE2		2	13,799	56.0	0.00		< HS	accept

Notes

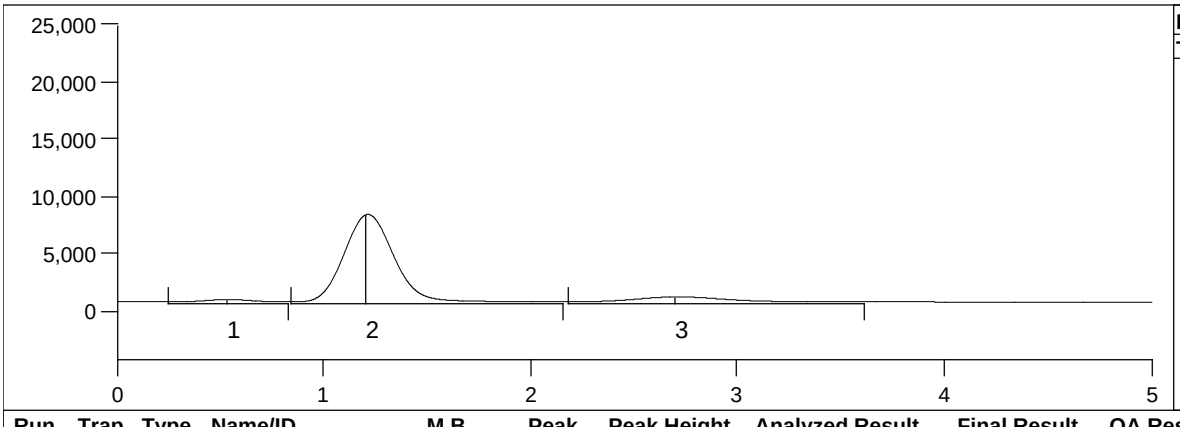


Date: 12/13/12
Time: 7:31 AM

Peak	rt	Height
1	0.54	383
2	1.23	14,180
3	2.77	788

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
167	A	S	1234023-01RE3		2	14,180	57.6	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 7:38 AM

Peak	rt	Height
1	0.53	219
2	1.21	7,669
3	2.70	433

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
168	B	S	1246016-01		2	7,669	31.1	0.00		< HS	accept

Notes

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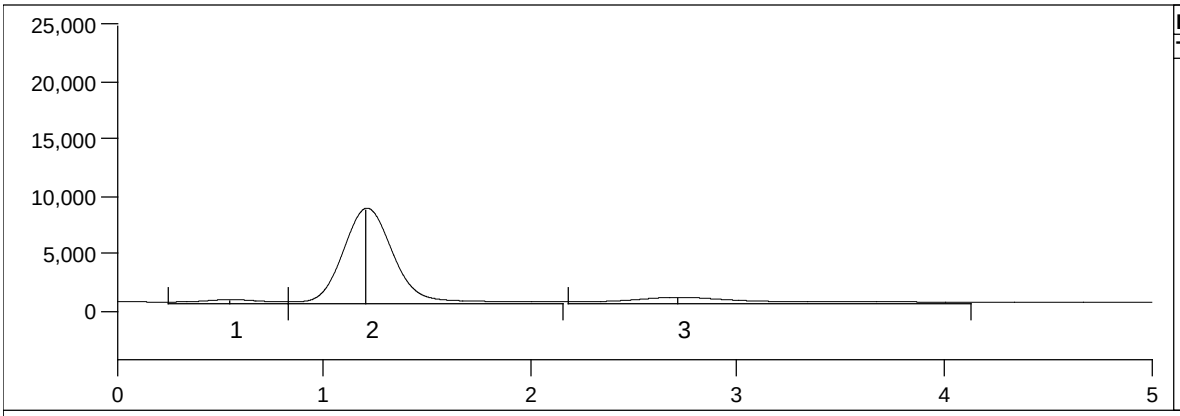
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

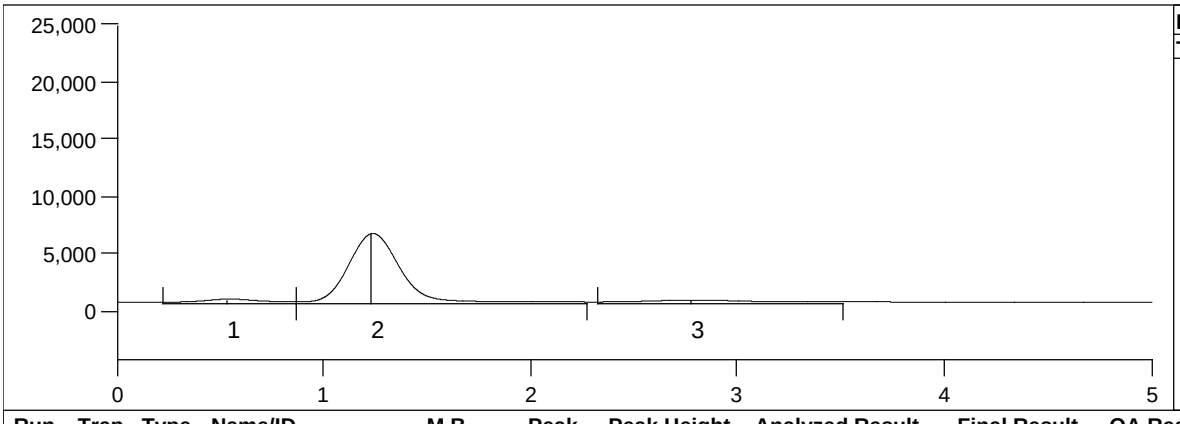


Date: 12/13/12
Time: 7:44 AM

Peak	rt	Height
1	0.54	213
2	1.20	8,213
3	2.71	398

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
169	C	S	B122209-DUP1		2	8,213	33.3	0.00		< HS	accept

Notes

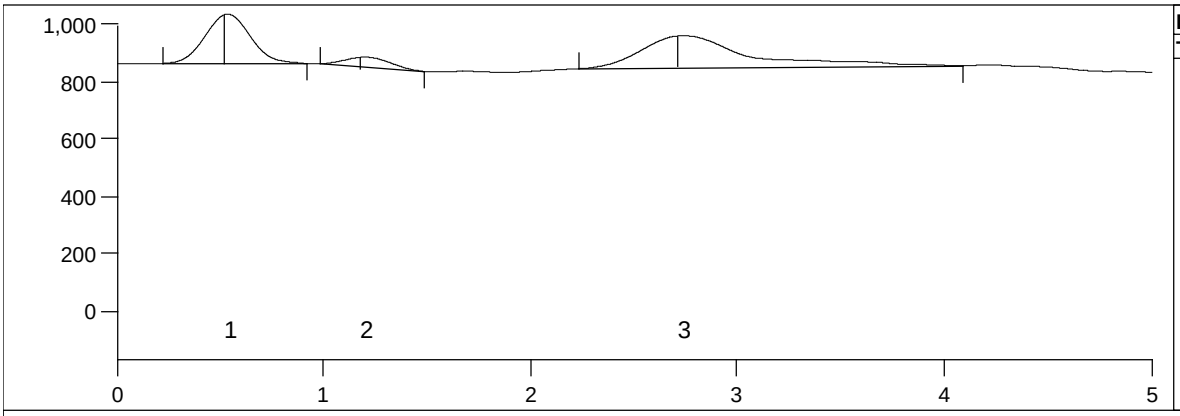


Date: 12/13/12
Time: 7:51 AM

Peak	rt	Height
1	0.54	262
2	1.23	5,990
3	2.78	173

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
170	A	CCV	SEQ-CCV		2	5,990	24.3		97.2	67-133	accept

Notes



Date: 12/13/12
Time: 7:58 AM

Peak	rt	Height
1	0.53	172
2	1.18	34
3	2.71	113

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
171	B	CCB	SEQ-CCB		2	34	0.138		0.138	< 1.4	accept

Notes

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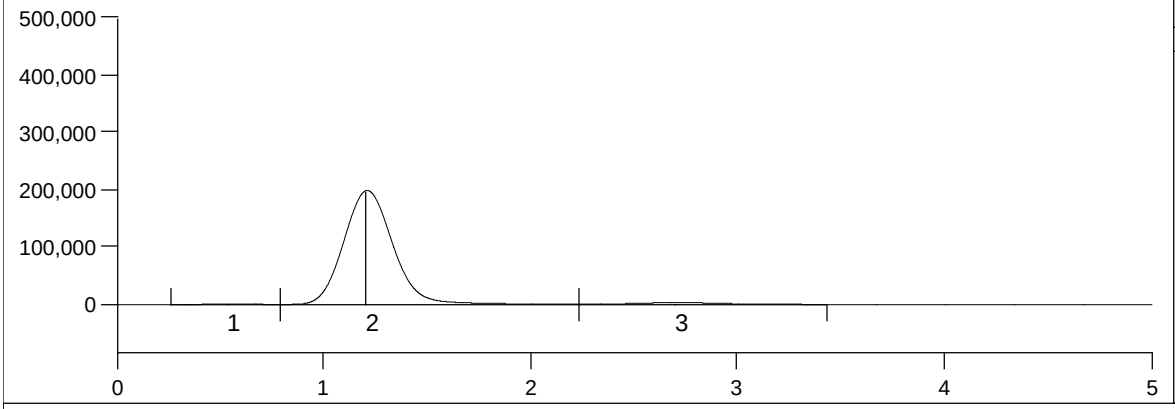
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

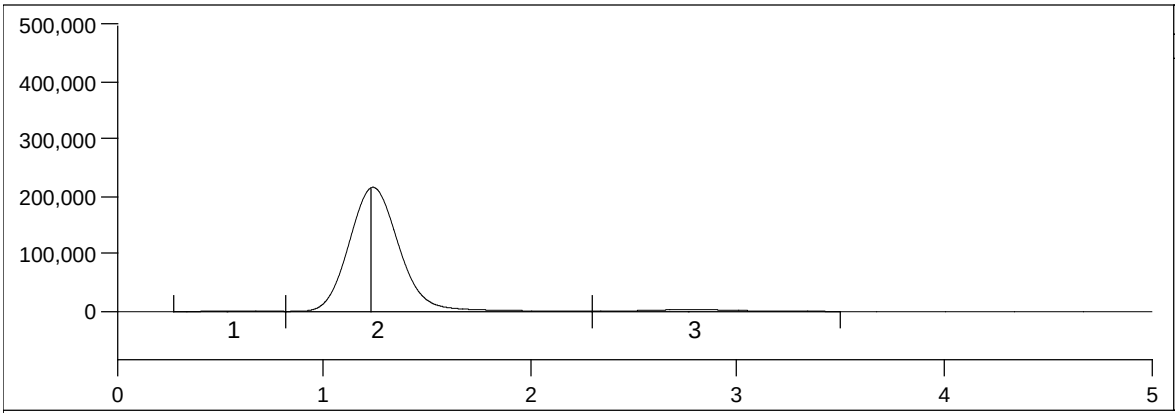


Date: 12/13/12
Time: 8:04 AM

Peak	rt	Height
1	0.54	652
2	1.20	199,322
3	2.70	2,646

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
172	C	S	B122209-MS1		2	199,322	810.	0.00		< HS	accept

Notes

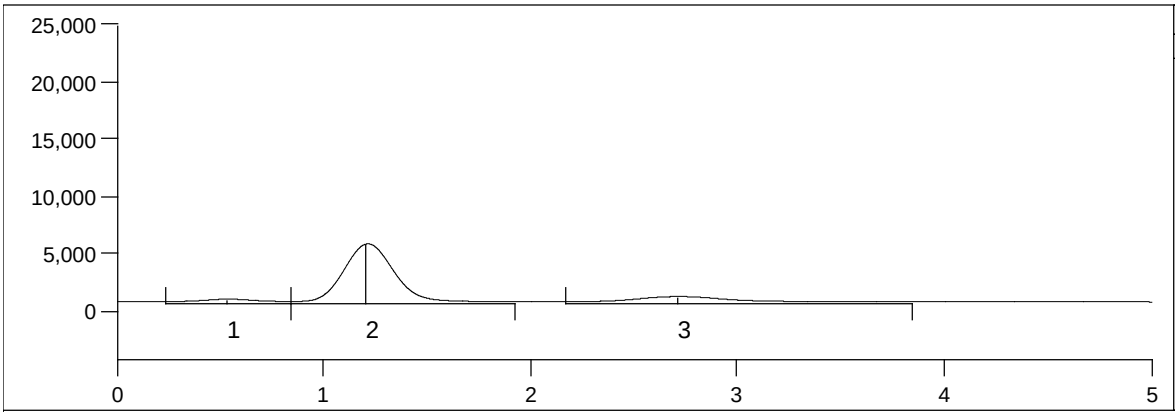


Date: 12/13/12
Time: 8:11 AM

Peak	rt	Height
1	0.54	644
2	1.23	217,297
3	2.77	2,629

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
173	A	S	B122209-MSD1		2	217,297	883	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 8:18 AM

Peak	rt	Height
1	0.53	214
2	1.21	5,063
3	2.71	457

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
174	B	S	1246016-02		2	5,063	20.5	0.00		< HS	accept

Notes

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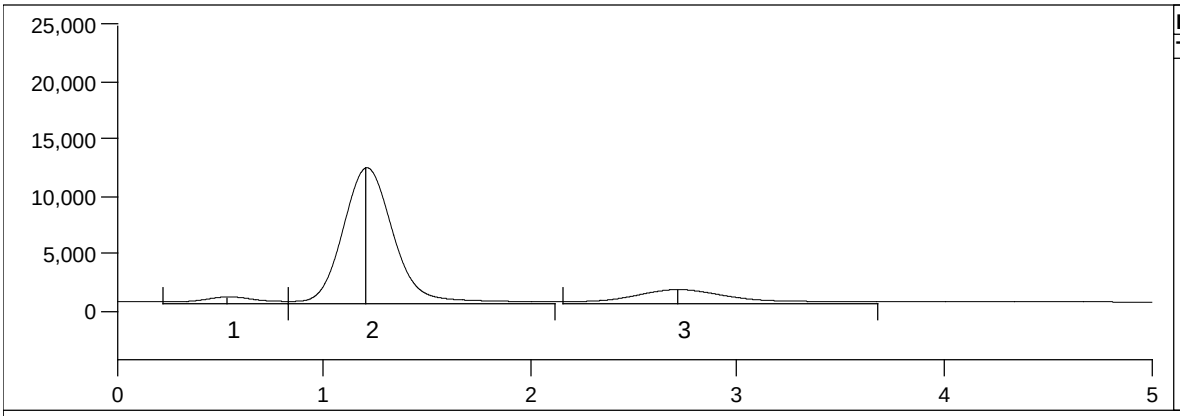
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

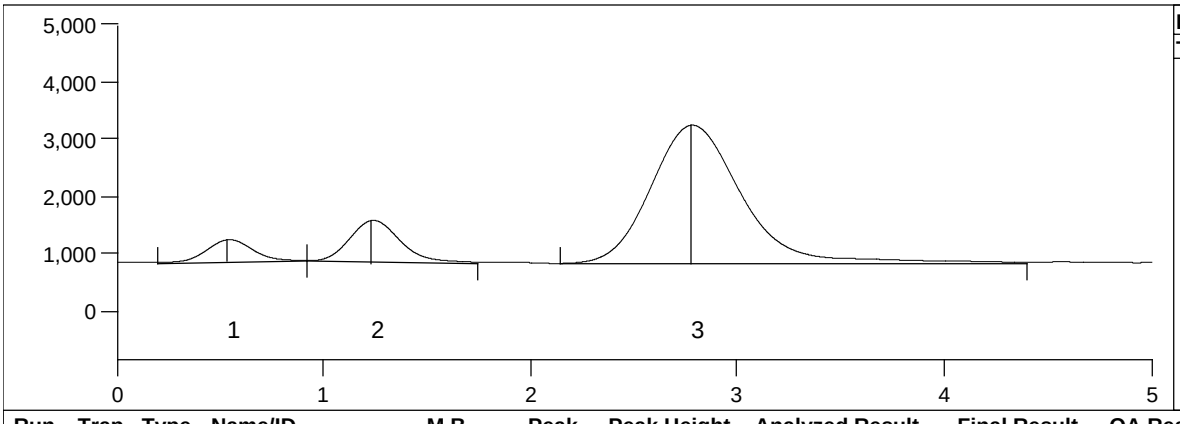


Date: 12/13/12
Time: 8:24 AM

Peak	rt	Height
1	0.54	415
2	1.20	11,718
3	2.71	1,056

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
175	C	S	1246016-03		2	11,718	47.6	0.00		< HS	accept

Notes

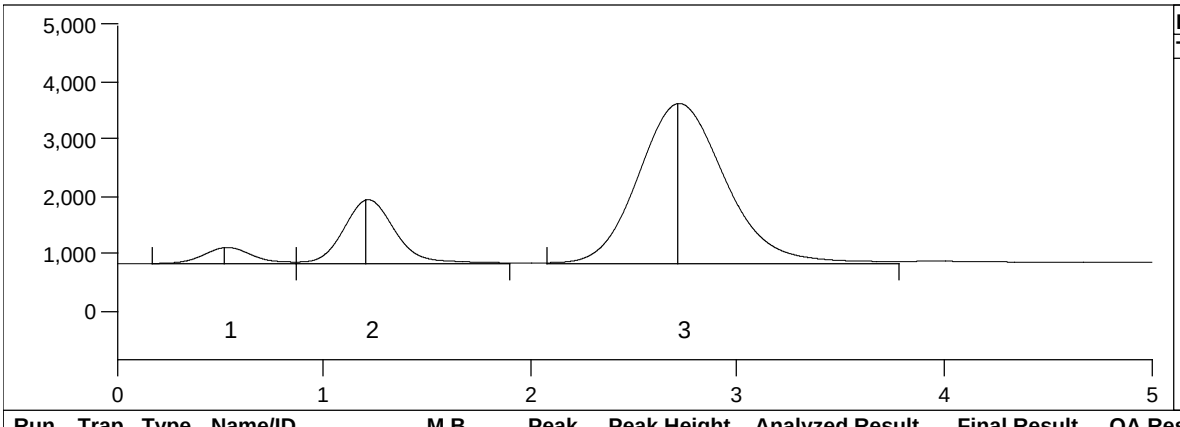


Date: 12/13/12
Time: 8:31 AM

Peak	rt	Height
1	0.54	384
2	1.23	716
3	2.78	2,416

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
176	A	S	1247010-01		2	716	2.86	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 8:38 AM

Peak	rt	Height
1	0.53	268
2	1.21	1,096
3	2.71	2,784

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
177	B	S	1247010-02		2	1,096	4.41	0.00		< HS	accept

Notes

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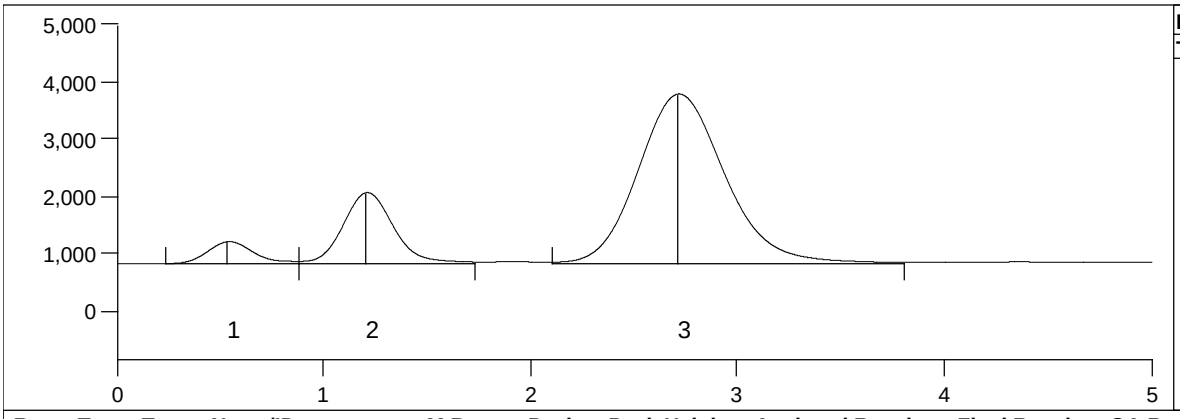
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

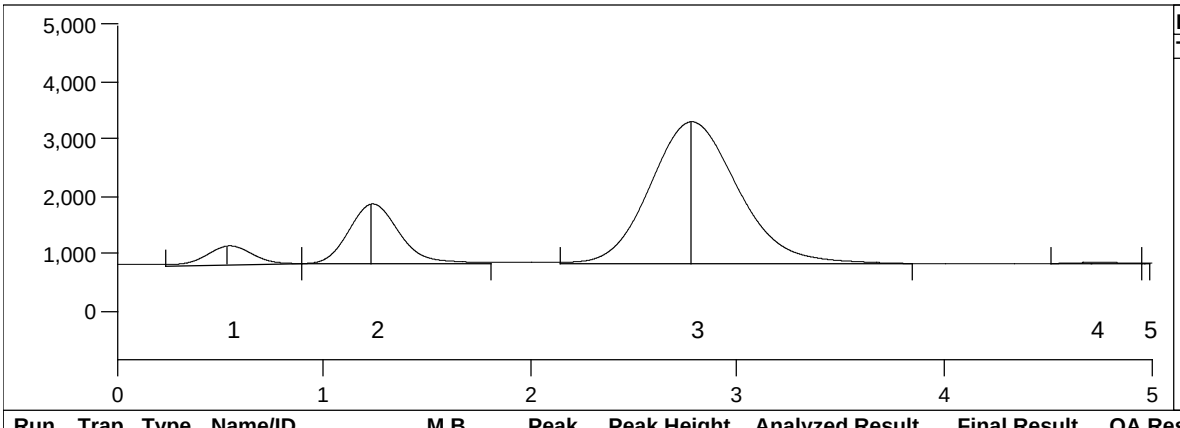


Date: 12/13/12
Time: 8:44 AM

Peak	rt	Height
1	0.54	366
2	1.20	1,211
3	2.71	2,950

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
178	C	S	1247010-03		2	1,211	4.87	0.00		< HS	accept

Notes

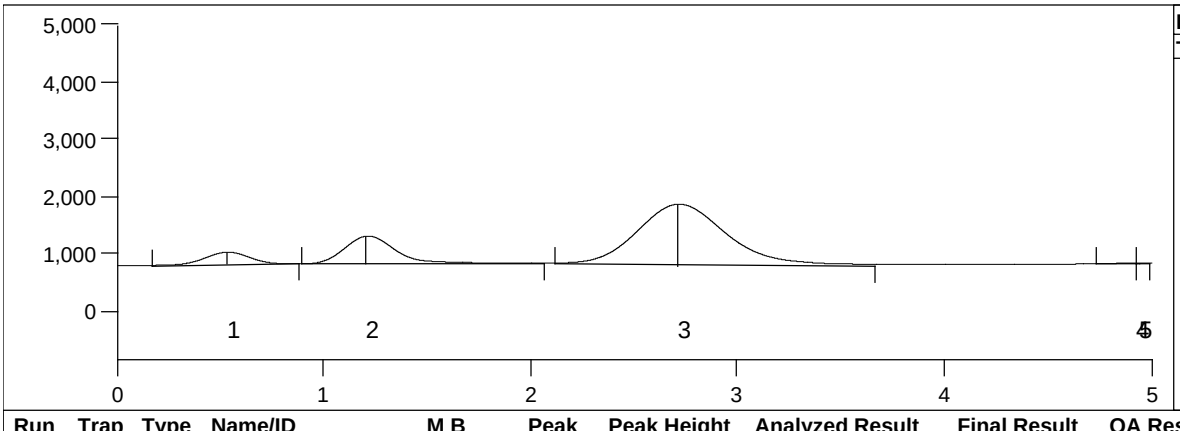


Date: 12/13/12
Time: 8:51 AM

Peak	rt	Height
1	0.54	318
2	1.23	1,037
3	2.77	2,470
4	4.71	12
5	4.97	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
179	A	S	1247010-04		2	1,037	4.17	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 8:58 AM

Peak	rt	Height
1	0.53	219
2	1.21	485
3	2.71	1,038
4	4.93	1
5	4.95	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
180	B	S	1247010-05		2	485	1.92	0.00		< HS	accept

Notes

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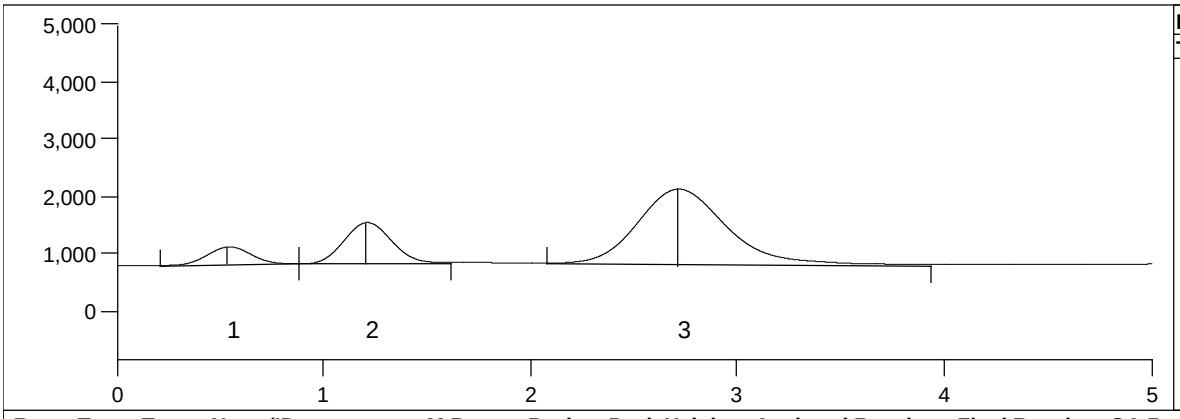
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

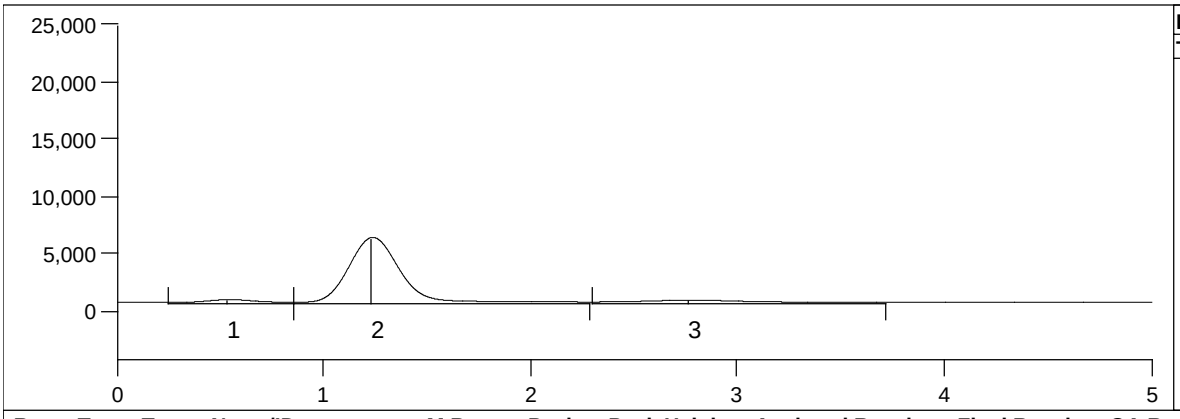


Date: 12/13/12
Time: 9:04 AM

Peak	rt	Height
1	0.54	313
2	1.20	715
3	2.71	1,303

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
181	C	S	1247010-06		2	715	2.86	0.00		< HS	accept

Notes

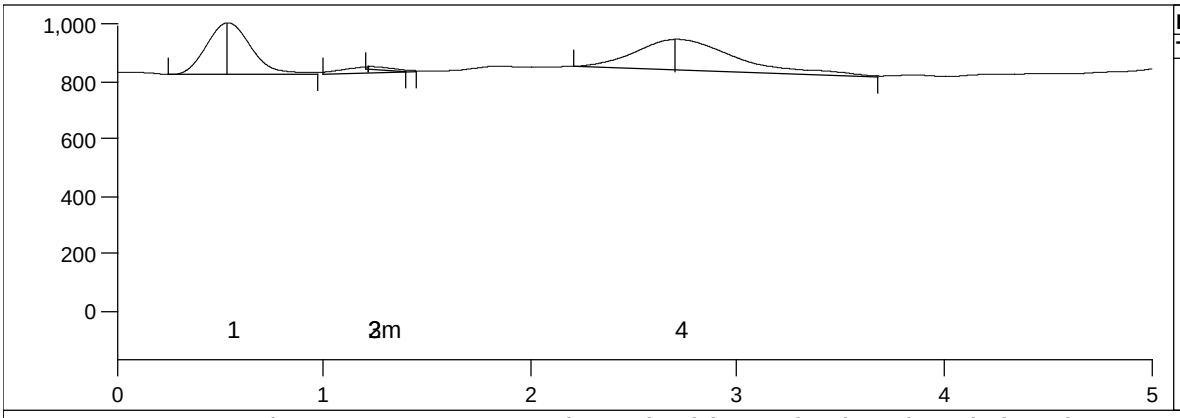


Date: 12/13/12
Time: 9:11 AM

Peak	rt	Height
1	0.54	252
2	1.23	5,676
3	2.76	178

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
182	A	CCV	SEQ-CCV		2	5,676	23.0		92.1	67-133	accept

Notes



Date: 12/13/12
Time: 9:18 AM

Peak	rt	Height
1	0.53	179
2m	1.21	18
3	1.22	2
4	2.69	106

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
183	B	CCB	SEQ-CCB		2m	18	0.0731		0.0731	< 1.4	accept

Notes

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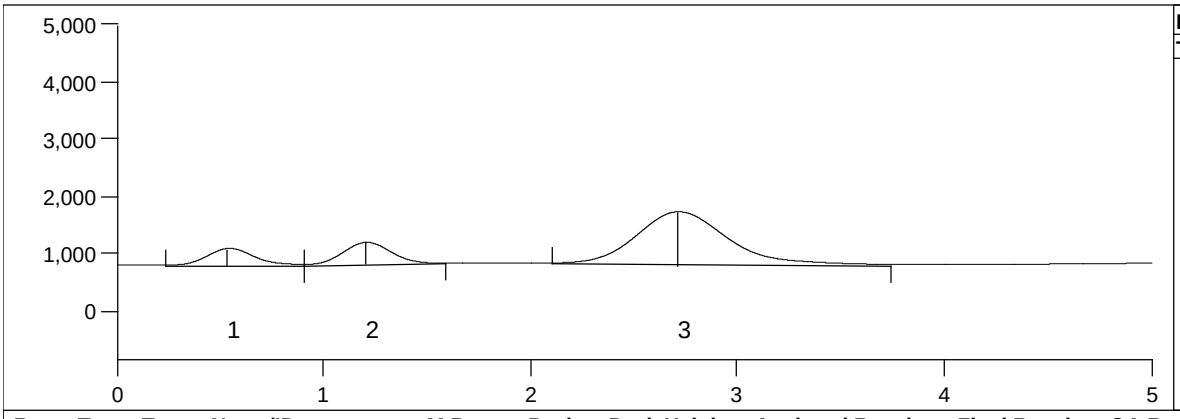
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

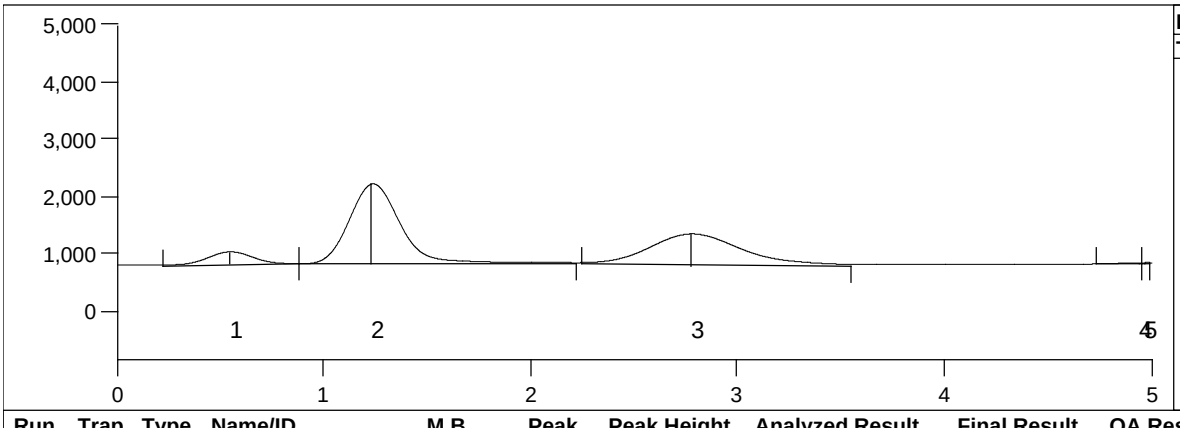
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 9:24 AM

Peak	rt	Height
1	0.54	287
2	1.20	377
3	2.71	905

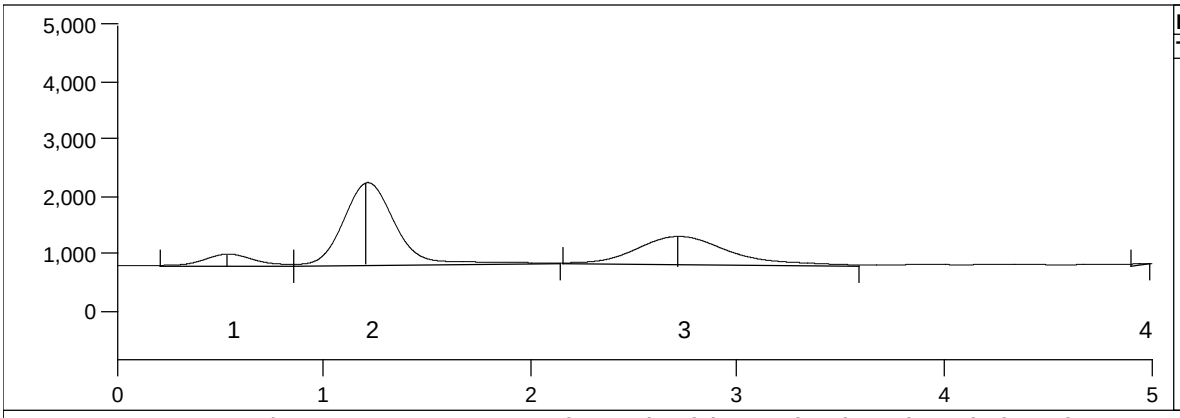
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
184	C	S	1247010-07		2	377	1.48	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 9:31 AM

Peak	rt	Height
1	0.54	221
2	1.23	1,396
3	2.77	514
4	4.95	1
5	4.97	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
185	A	S	1247010-08		2	1,396	5.62	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 9:38 AM

Peak	rt	Height
1	0.53	188
2	1.21	1,425
3	2.71	475
4	4.94	0

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
186	B	S	B122209-DUP2		2	1,425	5.74	0.00		< HS	accept
Notes											

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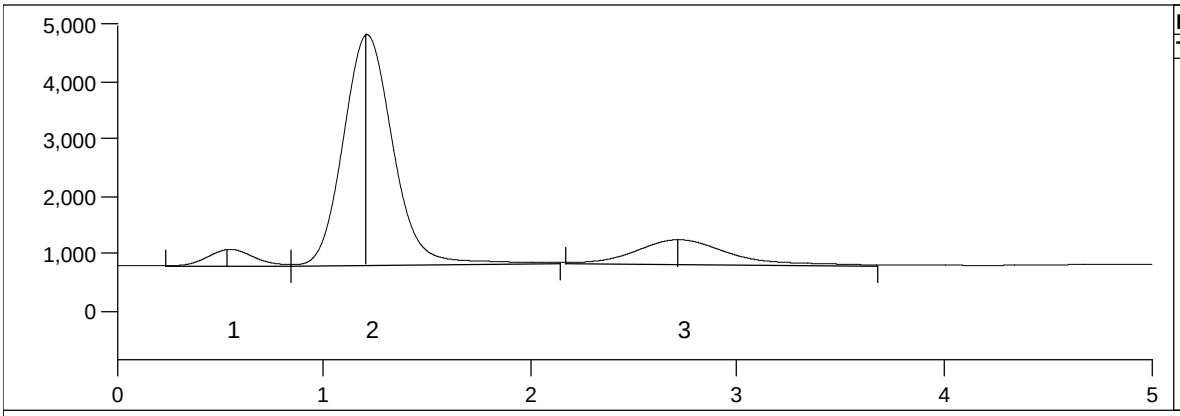
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

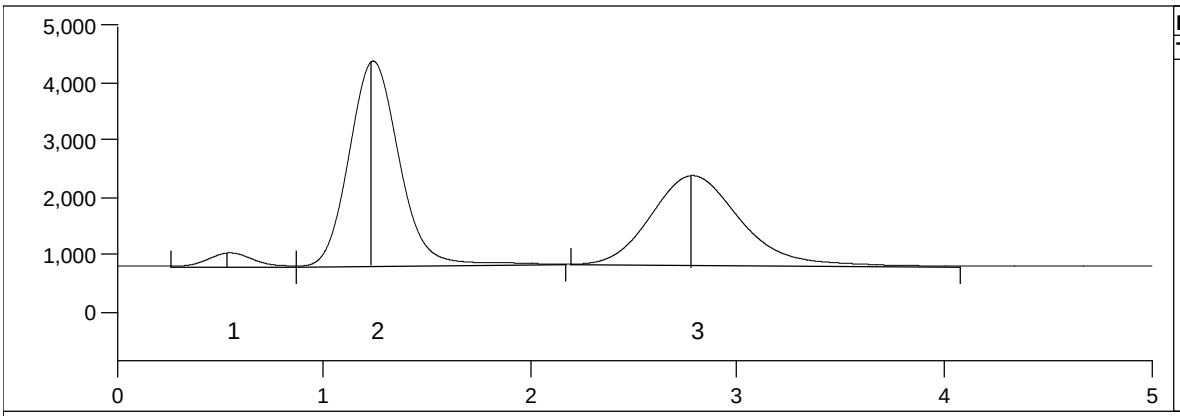


Date: 12/13/12
Time: 9:44 AM

Peak	rt	Height
1	0.54	277
2	1.20	4,020
3	2.71	415

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
187	C	S	B122209-MS2		2	4,020	16.3	0.00		< HS	accept

Notes

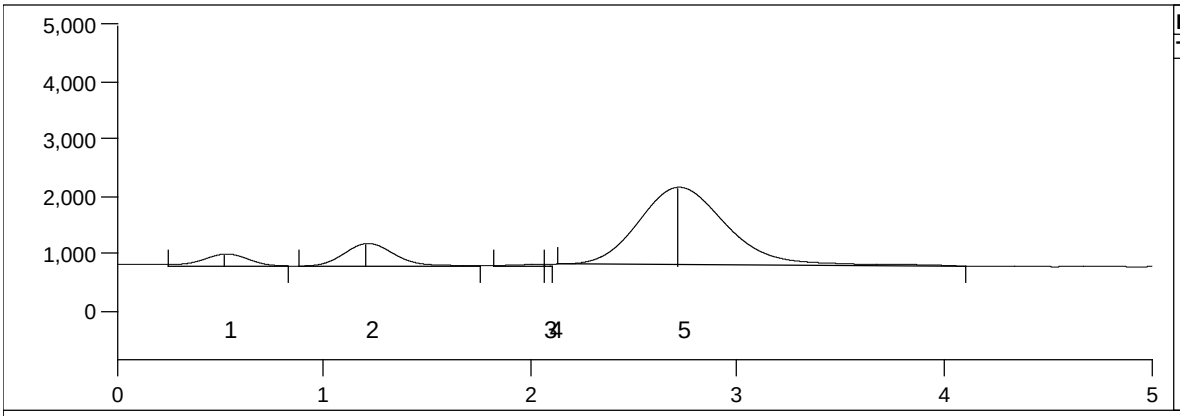


Date: 12/13/12
Time: 9:51 AM

Peak	rt	Height
1	0.54	231
2	1.23	3,583
3	2.78	1,562

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
188	A	S	B122209-MSD2		2	3,583	14.5	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 9:58 AM

Peak	rt	Height
1	0.52	195
2	1.21	395
3	2.07	1
4	2.09	1
5	2.71	1,356

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
189	B	S	1247010-09		2	395	1.56	0.00		< HS	accept

Notes

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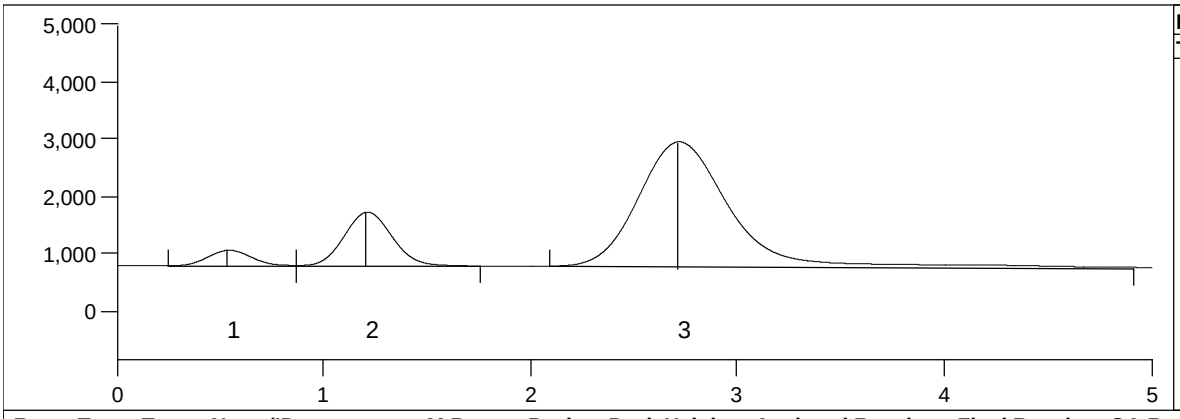
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

Date Analyzed: 12/12/12
Analyst Name: BJT

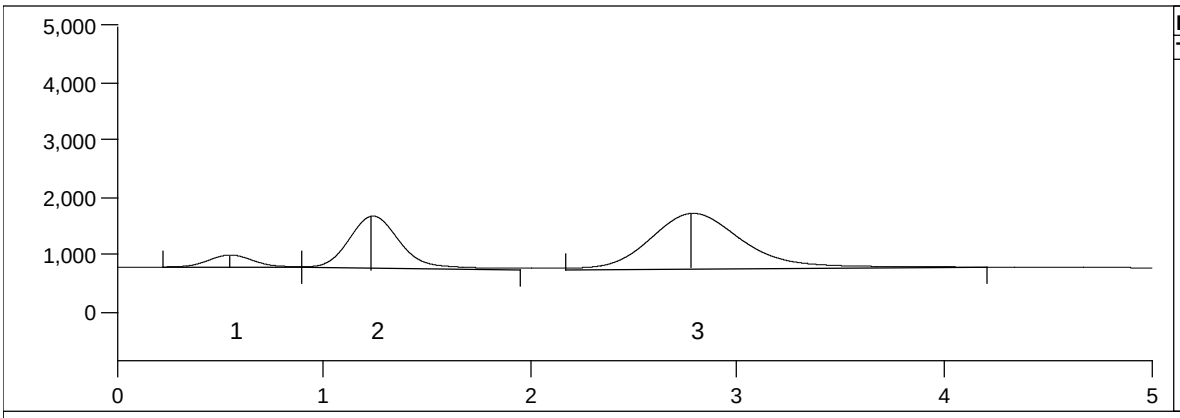


Date: 12/13/12
Time: 10:04 AM

Peak	rt	Height
1	0.54	271
2	1.20	937
3	2.71	2,183

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
190	C	S	1247010-10		2	937	3.76	0.00		< HS	accept

Notes

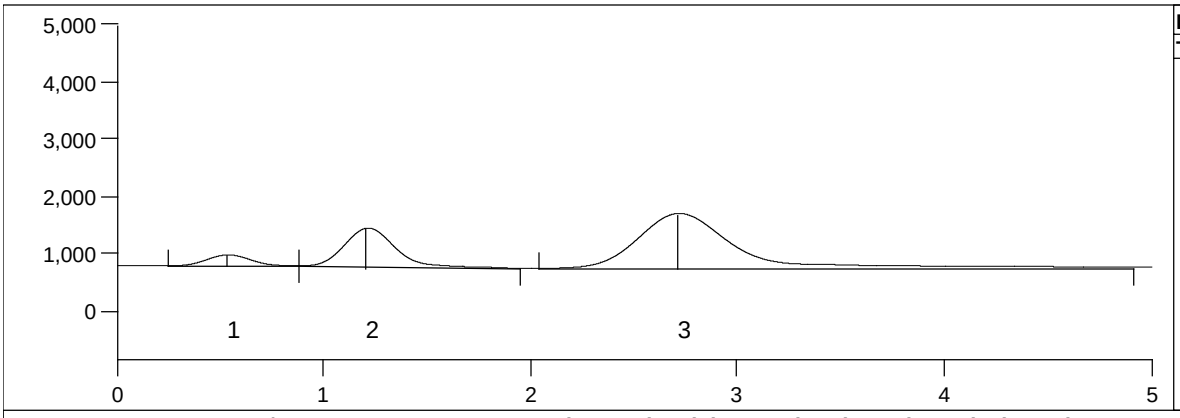


Date: 12/13/12
Time: 10:11 AM

Peak	rt	Height
1	0.54	208
2	1.23	896
3	2.78	954

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
191	A	S	1247010-11		2	896	3.59	0.00		< HS	accept

Notes



Date: 12/13/12
Time: 10:18 AM

Peak	rt	Height
1	0.53	193
2	1.21	675
3	2.71	959

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
192	B	S	1247010-12		2	675	2.70	0.00		< HS	accept

Notes

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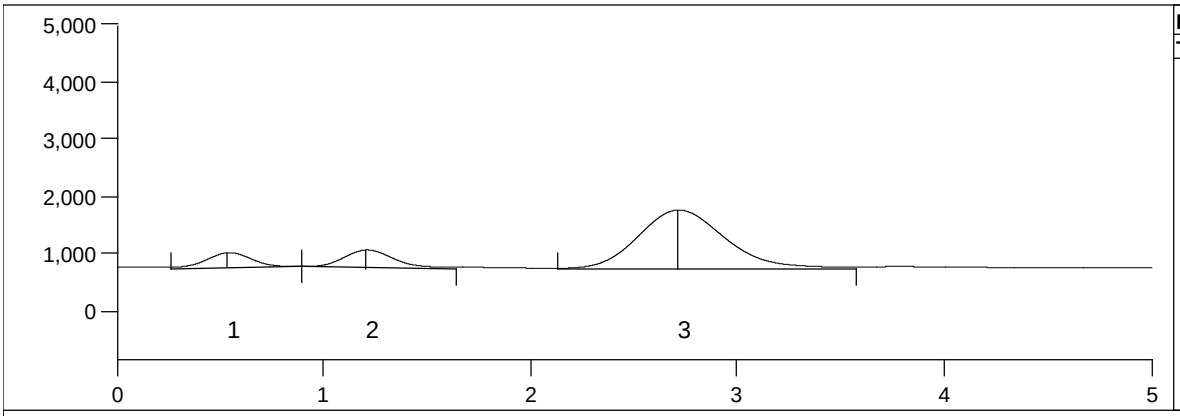
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

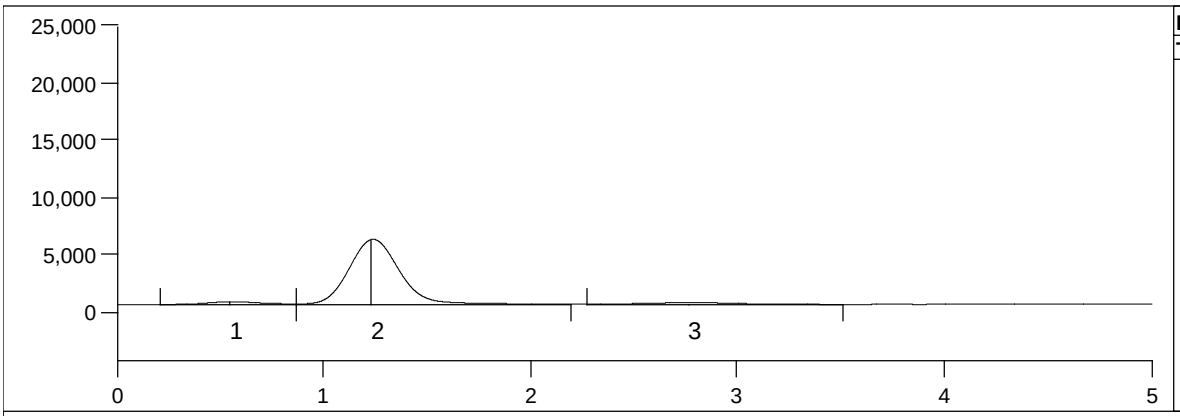
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 10:24 AM

Peak	rt	Height
1	0.54	249
2	1.20	296
3	2.71	1,011

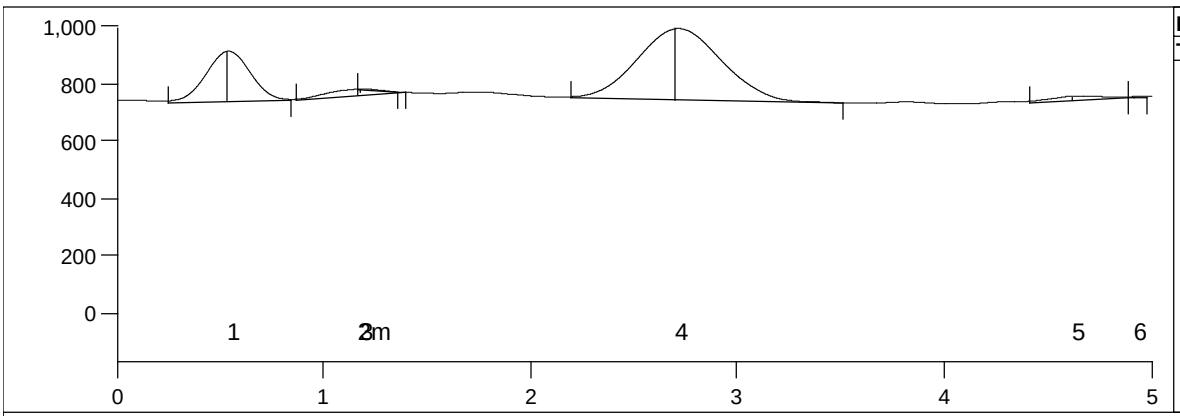
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
193	C	S	1247010-13		2	296	1.16	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 10:31 AM

Peak	rt	Height
1	0.55	211
2	1.23	5,662
3	2.76	130

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
194	A	CCV	SEQ-CCV		2	5,662	23.0		91.8	67-133	accept
Notes											



Date: 12/13/12
Time: 10:38 AM

Peak	rt	Height
1	0.53	172
2m	1.17	23
3	1.18	1
4	2.70	246
5	4.62	12
6	4.91	1

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
195	B	CCB	SEQ-CCB		2m	23	0.0934		0.0934	< 1.4	accept
Notes											

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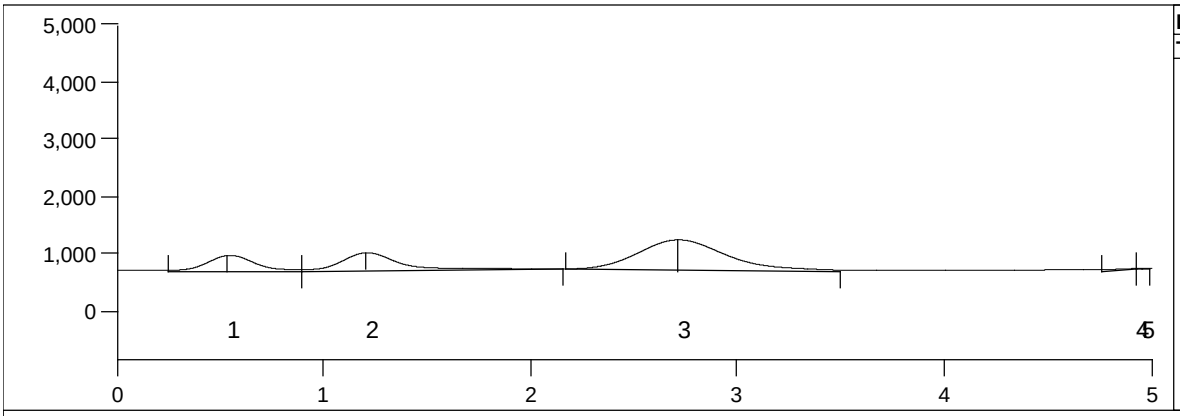
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

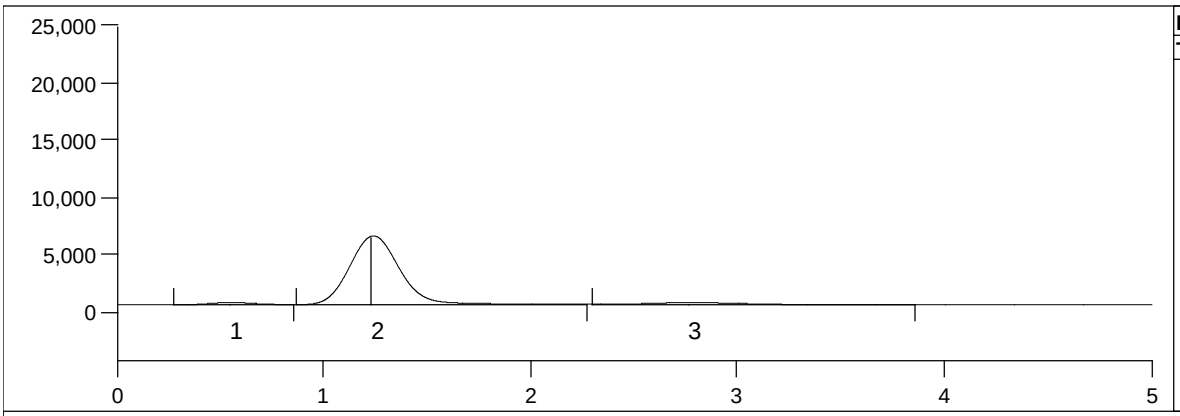
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 10:44 AM

Peak	rt	Height
1	0.54	258
2	1.20	294
3	2.71	518
4	4.93	1
5	4.95	1

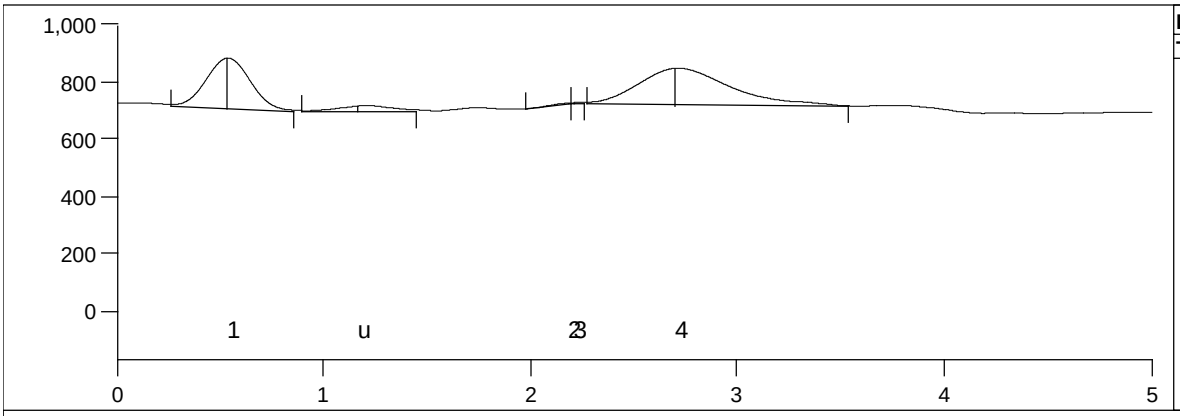
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
196	C	S	1247010-14		2	294	1.15	0.00		< HS	accept
Notes											



Date: 12/13/12
Time: 10:51 AM

Peak	rt	Height
1	0.54	190
2	1.23	6,016
3	2.76	157

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
197	A	CCV	SEQ-CCV		2	6,016	24.4		97.6	67-133	accept
Notes											



Date: 12/13/12
Time: 10:58 AM

Peak	rt	Height
1	0.53	172
2	2.18	1
3	2.21	1
4	2.69	123
u	1.16	16

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
198	B	CCB	SEQ-CCB		u	16	0.0650		0.0650	< 1.4	accept
Notes											

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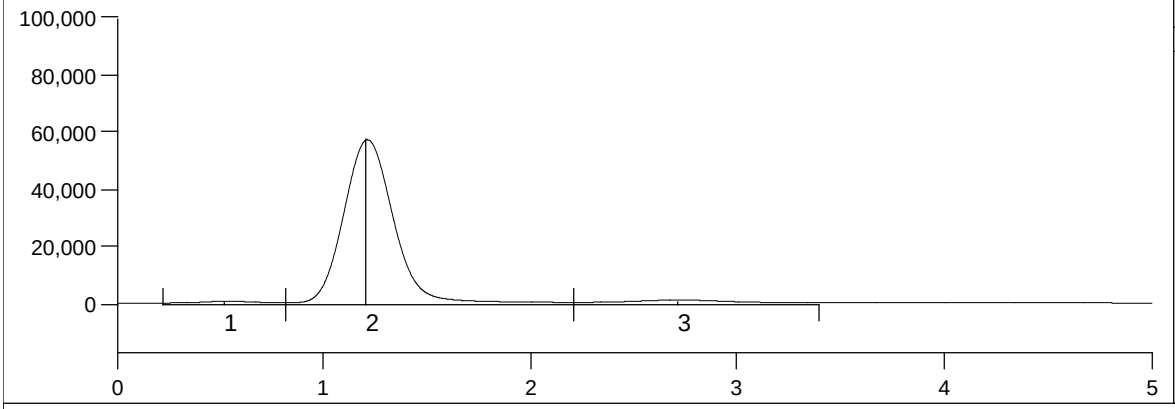
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

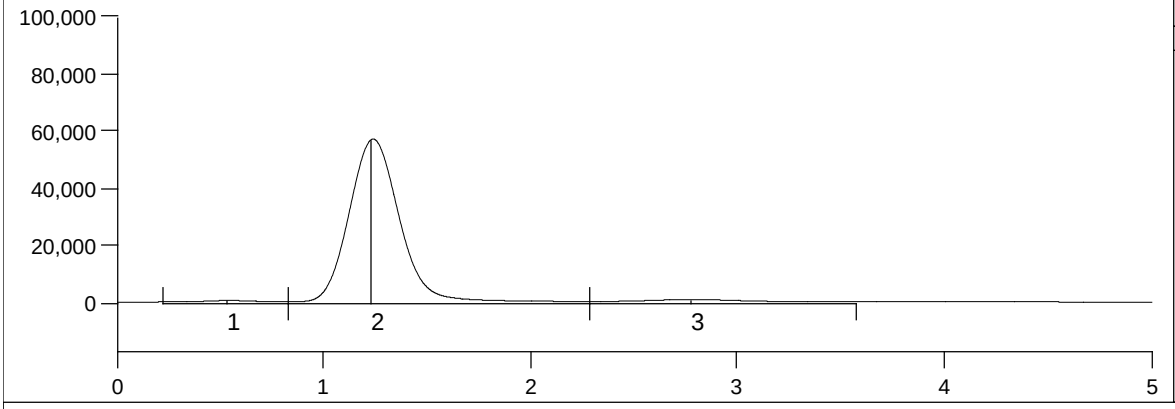
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 11:04 AM

Peak	rt	Height
1	0.53	594
2	1.20	57,128
3	2.71	913

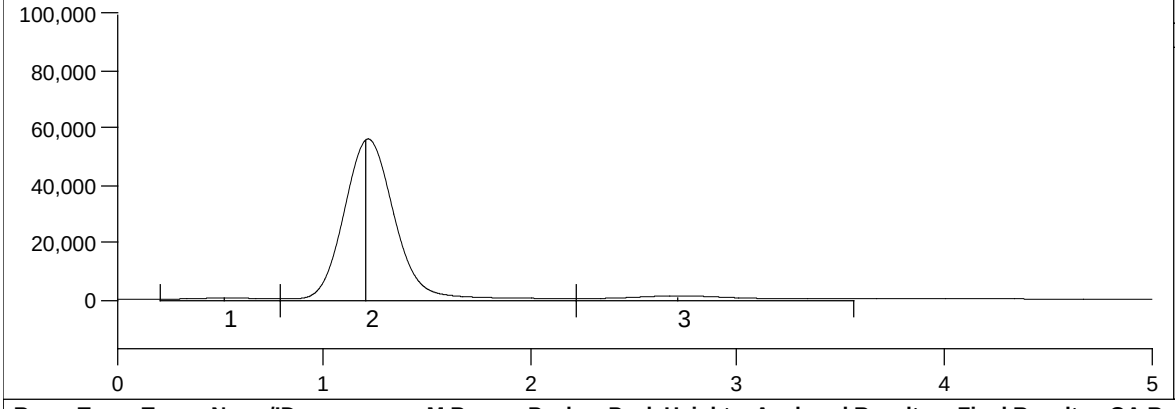
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
199	C	CCV	10 ng/ml old		2	57,128	232		92.8	67-133	accept
Notes											



Date: 12/13/12
Time: 11:11 AM

Peak	rt	Height
1	0.54	488
2	1.23	57,010
3	2.77	755

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
200	A	CCV	10 ng/ml old		2	57,010	232		92.6	67-133	accept
Notes											



Date: 12/13/12
Time: 11:18 AM

Peak	rt	Height
1	0.52	406
2	1.21	56,016
3	2.71	1,027

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
201	B	CCV	10 ng/ml old		2	56,016	228		91.0	67-133	accept
Notes											

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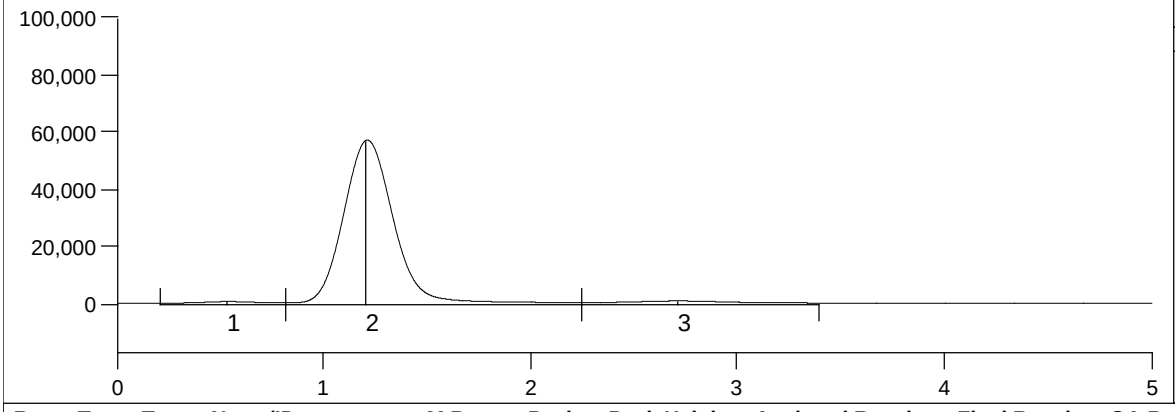
Peak Report

Batch Number: B122047, 2187, 2279, 2313, 2046, 2209
Method Number: CVAFS BR-0011

Project Number(s): 1200923
Instrument ID: MMHG-09

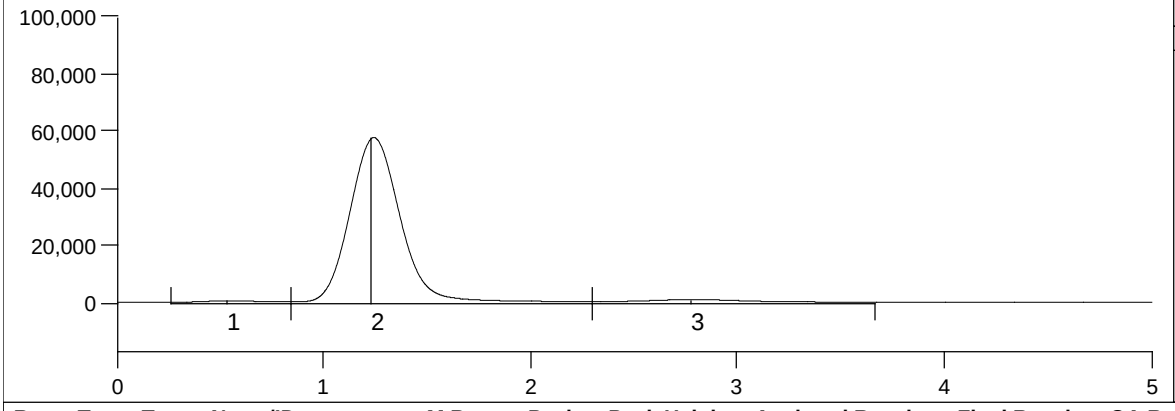
Date Analyzed: 12/12/12
Analyst Name: BJT



Date: 12/13/12
Time: 11:24 AM

Peak	rt	Height
1	0.53	495
2	1.20	57,029
3	2.71	640

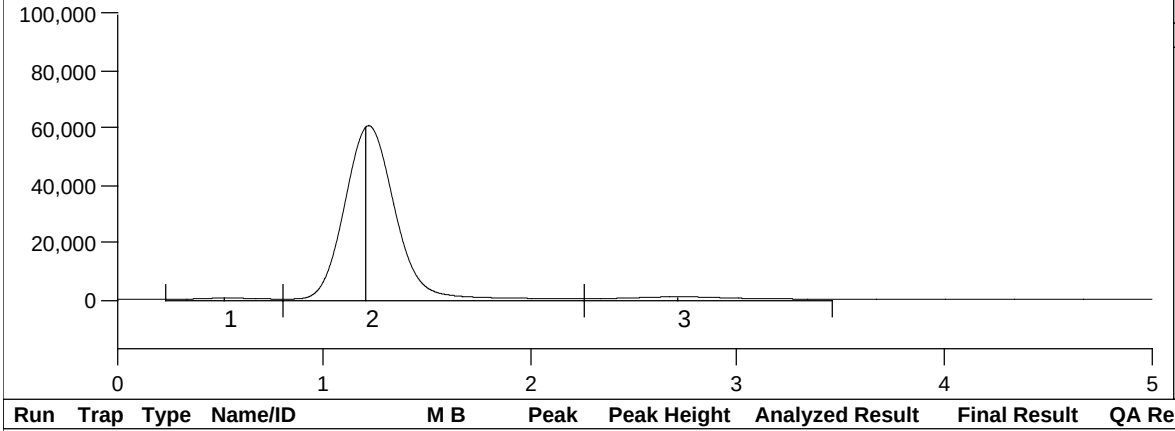
Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
202	C	CCV	10 ng/ml new		2	57,029	232		92.7	67-133	accept
Notes											



Date: 12/13/12
Time: 11:31 AM

Peak	rt	Height
1	0.54	480
2	1.24	57,571
3	2.78	805

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
203	A	CCV	10 ng/ml new		2	57,571	234		93.5	67-133	accept
Notes											



Date: 12/13/12
Time: 11:38 AM

Peak	rt	Height
1	0.53	406
2	1.21	60,747
3	2.71	723

Run	Trap	Type	Name/ID	M B	Peak	Peak Height	Analyzed Result	Final Result	QA Results	Criteria	Notes
204	B	CCV	10 ng/ml new		2	60,747	247		98.7	67-133	accept
Notes											

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ANALYSIS SEQUENCE

1200911

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200911-ICB1	1200911	QC	1		-			
1200911-CAL1	1200911	QC	2	1240051	-			
1200911-CAL2	1200911	QC	3	1240050	-			
1200911-CAL3	1200911	QC	4	1240049	-			
1200911-CAL4	1200911	QC	5	1240048	-			
1200911-CAL5	1200911	QC	6	1240047	-			
1200911-CAL6	1200911	QC	7	1240046	-			
1200911-CAL7	1200911	QC	8	1240045	-			
1200911-CAL8	1200911	QC	9	1240044	-			
1200911-ICB2	1200911	QC	10		-			
1200911-ICV1	1200911	QC	11	1244005	-			
1200911-ICB3	1200911	QC	12		-			
1200911-IBL1	1200911	QC	13		-			
1200911-IBL2	1200911	QC	14		-			
1200911-IBL3	1200911	QC	15		-			
1200911-IBL4	1200911	QC	16		-			
1200911-SCV1	1200911	QC	17	1215030	-			
1200911-CCV1	1200911	QC	18	1240048	-			
1200911-CCB1	1200911	QC	19		-			
B122317-BLK1	B122317	QC	20		-			
B122317-BLK2	B122317	QC	21		-			
B122317-BLK3	B122317	QC	22		-			
B122317-BLK4	B122317	QC	23		-			
B122317-BS1	B122317	QC	24		-			
B122317-SRM1	B122317	QC	25		-			
0944029-98RE2	B122317	Cr-SW-RP-ICPMS-TR	26			RP SW-LFB	10/23/2009	From B122288 by TMU on 12/08/12

ANALYSIS SEQUENCE

1200911

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
0944029-98RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	27			RP SW-LFB	10/23/2009	From B122288 by TMU on 12/08/12
0944029-98RE2	B122317	As-SW-RP-ICPMS-TR	28			RP SW-LFB	10/23/2009	From B122288 by TMU on 12/08/12
0944029-98RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	29			RP SW-LFB	10/23/2009	From B122288 by TMU on 12/08/12
0944029-98RE2	B122317	Ag-SW-RP-ICPMS-TR	30			RP SW-LFB	10/23/2009	From B122288 by TMU on 12/08/12
0944029-98RE2	B122317	Ag-SW-RP-ICPMS-NoMB-TR	31			RP SW-LFB	10/23/2009	From B122288 by TMU on 12/08/12
B122317-MS4	B122317	QC	32		0944029-98RE2			
1246033-05RE2	B122317	Cr-SW-RP-ICPMS-TR	33			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-05RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	34			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-05RE2	B122317	As-SW-RP-ICPMS-TR	35			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-05RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	36			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-01RE2	B122317	Cr-SW-RP-ICPMS-TR	37			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-01RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	38			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-01RE2	B122317	As-SW-RP-ICPMS-TR	39			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-01RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	40			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-01RE2	B122317	Ag-SW-RP-ICPMS-TR	41			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-01RE2	B122317	Ag-SW-RP-ICPMS-NoMB-TR	42			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1200911-CCV2	1200911	QC	43	1240048	-			
1200911-CCB2	1200911	QC	44		-			
B122317-DUP1	B122317	QC	45		1246033-01RE2			
B122317-MS1	B122317	QC	46		1246033-01RE2			
1246033-02RE2	B122317	Cr-SW-RP-ICPMS-TR	47			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-02RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	48			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-02RE2	B122317	As-SW-RP-ICPMS-TR	49			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-02RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	50			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-03RE2	B122317	Cr-SW-RP-ICPMS-TR	51			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-03RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	52			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12

ANALYSIS SEQUENCE

1200911

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1246033-03RE2	B122317	As-SW-RP-ICPMS-TR	53			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-03RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	54			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-04RE2	B122317	Cr-SW-RP-ICPMS-TR	55			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-04RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	56			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-04RE2	B122317	As-SW-RP-ICPMS-TR	57			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-04RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	58			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-06RE2	B122317	Cr-SW-RP-ICPMS-TR	59			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-06RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	60			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-06RE2	B122317	As-SW-RP-ICPMS-TR	61			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-06RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	62			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-07RE2	B122317	Cr-SW-RP-ICPMS-TR	63			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-07RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	64			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-07RE2	B122317	As-SW-RP-ICPMS-TR	65			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-07RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	66			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-61RE2	B122317	Cr-SW-RP-ICPMS-TR	67			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-61RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	68			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-61RE2	B122317	As-SW-RP-ICPMS-TR	69			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-61RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	70			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-61RE2	B122317	Ag-SW-RP-ICPMS-TR	71			USA-AB1201	1/1/1980	BatchQC
1246033-61RE2	B122317	Ag-SW-RP-ICPMS-NoMB-TR	72			USA-AB1201	1/1/1980	BatchQC
B122317-DUP2	B122317	QC	73		1246033-61RE2			
B122317-MS2	B122317	QC	74		1246033-61RE2			
1200911-CCV3	1200911	QC	75	1240048	-			
1200911-CCB3	1200911	QC	76		-			
1246033-63RE2	B122317	Cr-SW-RP-ICPMS-TR	77			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-63RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	78			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12

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1246033-63RE2	B122317	As-SW-RP-ICPMS-TR	79			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-63RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	80			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-64RE2	B122317	Cr-SW-RP-ICPMS-TR	81			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-64RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	82			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-64RE2	B122317	As-SW-RP-ICPMS-TR	83			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-64RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	84			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-65RE2	B122317	Cr-SW-RP-ICPMS-TR	85			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-65RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	86			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-65RE2	B122317	As-SW-RP-ICPMS-TR	87			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-65RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	88			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-66RE2	B122317	Cr-SW-RP-ICPMS-TR	89			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-66RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	90			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-66RE2	B122317	As-SW-RP-ICPMS-TR	91			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-66RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	92			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-67RE2	B122317	Cr-SW-RP-ICPMS-TR	93			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-67RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	94			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-67RE2	B122317	As-SW-RP-ICPMS-TR	95			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-67RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	96			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-68RE2	B122317	Cr-SW-RP-ICPMS-TR	97			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-68RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	98			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-68RE2	B122317	As-SW-RP-ICPMS-TR	99			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-68RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	100			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-68RE2	B122317	Ag-SW-RP-ICPMS-TR	101			USA-AB1201	1/1/1980	BatchQC
1246033-68RE2	B122317	Ag-SW-RP-ICPMS-NoMB-TR	102			USA-AB1201	1/1/1980	BatchQC
B122317-DUP3	B122317	QC	103		1246033-68RE2			
B122317-MS3	B122317	QC	104		1246033-68RE2			

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1246033-62RE2	B122317	Cr-SW-RP-ICPMS-TR	105			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-62RE2	B122317	Cr-SW-RP-ICPMS-NoMB-TR	106			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-62RE2	B122317	As-SW-RP-ICPMS-TR	107			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
1246033-62RE2	B122317	As-SW-RP-ICPMS-NoMB-TR	108			USA-AB1201	11/28/2012	From B122288 by TMU on 12/08/12
B122317-SRM2	B122317	QC	109		-			
1200911-CCV4	1200911	QC	110	1240048	-			
1200911-CCB4	1200911	QC	111		-			
B122317-SRM3	B122317	QC	112		-			
B122317-SRM4	B122317	QC	113		-			
B122318-BLK1	B122318	QC	114		-			
B122318-BLK2	B122318	QC	115		-			
B122318-BLK3	B122318	QC	116		-			
B122318-BLK4	B122318	QC	117		-			
B122318-BS1	B122318	QC	118		-			
B122318-SRM1	B122318	QC	119		-			
0944029-99RE1	B122318	Tl-SW-RP-ICPMS-TR	120			RP SW-LFB	1/1/1980	BatchQC
0944029-99RE1	B122318	Se-SW-RP-ICPMS-TR	121			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	122			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Cr-SW-RP-ICPMS-TR	123			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	124			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Be-SW-RP-ICPMS-TR	125			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	126			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	As-SW-RP-ICPMS-TR	127			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	128			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Ag-SW-RP-ICPMS-TR	129			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12
0944029-99RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	130			RP SW-LFB	10/23/2009	From B122120 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B122318-MS5	B122318	QC	131		0944029-99RE1			
1200911-CCV5	1200911	QC	132	1240048	-			
1200911-CCB5	1200911	QC	133		-			
1245005-09RE1	B122318	Tl-SW-RP-ICPMS-TR	134			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-09RE1	B122318	Se-SW-RP-ICPMS-TR	135			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-09RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	136			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	Cr-SW-RP-ICPMS-TR	137			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	138			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	Be-SW-RP-ICPMS-TR	139			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	140			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	As-SW-RP-ICPMS-TR	141			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-09RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	142			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	Ag-SW-RP-ICPMS-TR	143			UDE-SL1201	1/1/1980	BatchQC
1245005-09RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	144			UDE-SL1201	1/1/1980	BatchQC
B122318-DUP1	B122318	QC	145		1245005-09RE1			
B122318-MS1	B122318	QC	146		1245005-09RE1			
B122318-MSD1	B122318	QC	147		1245005-09RE1			
1245005-10RE1	B122318	Tl-SW-RP-ICPMS-TR	148			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-10RE1	B122318	Se-SW-RP-ICPMS-TR	149			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-10RE1	B122318	As-SW-RP-ICPMS-TR	150			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-11RE1	B122318	Tl-SW-RP-ICPMS-TR	151			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-11RE1	B122318	Se-SW-RP-ICPMS-TR	152			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-11RE1	B122318	As-SW-RP-ICPMS-TR	153			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-12RE1	B122318	Tl-SW-RP-ICPMS-TR	154			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-12RE1	B122318	Se-SW-RP-ICPMS-TR	155			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-12RE1	B122318	As-SW-RP-ICPMS-TR	156			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12

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1245005-13RE1	B122318	Tl-SW-RP-ICPMS-TR	157			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-13RE1	B122318	Se-SW-RP-ICPMS-TR	158			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-13RE1	B122318	As-SW-RP-ICPMS-TR	159			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-14RE1	B122318	Tl-SW-RP-ICPMS-TR	160			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-14RE1	B122318	Se-SW-RP-ICPMS-TR	161			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-14RE1	B122318	As-SW-RP-ICPMS-TR	162			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-15RE1	B122318	Tl-SW-RP-ICPMS-TR	163			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-15RE1	B122318	Se-SW-RP-ICPMS-TR	164			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-15RE1	B122318	As-SW-RP-ICPMS-TR	165			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1200911-CCV6	1200911	QC	166	1240048	-			
1200911-CCB6	1200911	QC	167		-			
1245005-16RE1	B122318	Tl-SW-RP-ICPMS-TR	168			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-16RE1	B122318	Se-SW-RP-ICPMS-TR	169			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-16RE1	B122318	As-SW-RP-ICPMS-TR	170			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-17RE1	B122318	Tl-SW-RP-ICPMS-TR	171			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-17RE1	B122318	Se-SW-RP-ICPMS-TR	172			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-17RE1	B122318	As-SW-RP-ICPMS-TR	173			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-18RE1	B122318	Tl-SW-RP-ICPMS-TR	174			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-18RE1	B122318	Se-SW-RP-ICPMS-TR	175			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-18RE1	B122318	As-SW-RP-ICPMS-TR	176			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-19RE1	B122318	Tl-SW-RP-ICPMS-TR	177			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-19RE1	B122318	Se-SW-RP-ICPMS-TR	178			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-19RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	179			UDE-SL1201	1/1/1980	BatchQC
1245005-19RE1	B122318	Cr-SW-RP-ICPMS-TR	180			UDE-SL1201	1/1/1980	BatchQC
1245005-19RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	181			UDE-SL1201	1/1/1980	BatchQC
1245005-19RE1	B122318	Be-SW-RP-ICPMS-TR	182			UDE-SL1201	1/1/1980	BatchQC

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1245005-19RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	183			UDE-SL1201	1/1/1980	BatchQC
1245005-19RE1	B122318	As-SW-RP-ICPMS-TR	184			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-19RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	185			UDE-SL1201	1/1/1980	BatchQC
1245005-19RE1	B122318	Ag-SW-RP-ICPMS-TR	186			UDE-SL1201	1/1/1980	BatchQC
1245005-19RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	187			UDE-SL1201	1/1/1980	BatchQC
B122318-DUP2	B122318	QC	188		1245005-19RE1			
B122318-MS2	B122318	QC	189		1245005-19RE1			
B122318-MSD2	B122318	QC	190		1245005-19RE1			
1245005-20RE1	B122318	Tl-SW-RP-ICPMS-TR	191			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-20RE1	B122318	Se-SW-RP-ICPMS-TR	192			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-20RE1	B122318	As-SW-RP-ICPMS-TR	193			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-21RE1	B122318	Tl-SW-RP-ICPMS-TR	194			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-21RE1	B122318	Se-SW-RP-ICPMS-TR	195			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-21RE1	B122318	As-SW-RP-ICPMS-TR	196			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-22RE1	B122318	Tl-SW-RP-ICPMS-TR	197			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-22RE1	B122318	Se-SW-RP-ICPMS-TR	198			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-22RE1	B122318	As-SW-RP-ICPMS-TR	199			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1200911-CCV7	1200911	QC	200	1240047	-			
1200911-CCB7	1200911	QC	201		-			
1245005-23RE1	B122318	Tl-SW-RP-ICPMS-TR	202			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-23RE1	B122318	Se-SW-RP-ICPMS-TR	203			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-23RE1	B122318	As-SW-RP-ICPMS-TR	204			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-24RE1	B122318	Tl-SW-RP-ICPMS-TR	205			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-24RE1	B122318	Se-SW-RP-ICPMS-TR	206			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-24RE1	B122318	As-SW-RP-ICPMS-TR	207			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-25RE1	B122318	Tl-SW-RP-ICPMS-TR	208			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12

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1245005-25RE1	B122318	Se-SW-RP-ICPMS-TR	209			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-25RE1	B122318	As-SW-RP-ICPMS-TR	210			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-26RE1	B122318	Tl-SW-RP-ICPMS-TR	211			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-26RE1	B122318	Se-SW-RP-ICPMS-TR	212			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245005-26RE1	B122318	As-SW-RP-ICPMS-TR	213			UDE-SL1201	12/5/2012	From B122120 by TMU on 12/08/12
1245020-03RE1	B122318	Tl-SW-RP-ICPMS-TR	214			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-03RE1	B122318	Se-SW-RP-ICPMS-TR	215			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-03RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	216			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	Cr-SW-RP-ICPMS-TR	217			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	218			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	Be-SW-RP-ICPMS-TR	219			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	220			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	As-SW-RP-ICPMS-TR	221			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-03RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	222			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	Ag-SW-RP-ICPMS-TR	223			UDE-SL1201	1/1/1980	BatchQC
1245020-03RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	224			UDE-SL1201	1/1/1980	BatchQC
B122318-DUP3	B122318	QC	225		1245020-03RE1			
B122318-MS3	B122318	QC	226		1245020-03RE1			
B122318-MSD3	B122318	QC	227		1245020-03RE1			
1245020-07RE1	B122318	Tl-SW-RP-ICPMS-TR	228			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-07RE1	B122318	Se-SW-RP-ICPMS-TR	229			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-07RE1	B122318	As-SW-RP-ICPMS-TR	230			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-11RE1	B122318	Tl-SW-RP-ICPMS-TR	231			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-11RE1	B122318	Se-SW-RP-ICPMS-TR	232			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-11RE1	B122318	As-SW-RP-ICPMS-TR	233			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1200911-CCV8	1200911	QC	234	1240047	-			

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200911-CCB8	1200911	QC	235		-			
1245020-15RE1	B122318	Tl-SW-RP-ICPMS-TR	236			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-15RE1	B122318	Se-SW-RP-ICPMS-TR	237			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1245020-15RE1	B122318	As-SW-RP-ICPMS-TR	238			UDE-SL1201	12/6/2012	From B122120 by TMU on 12/08/12
1247011-03RE1	B122318	Tl-SW-RP-ICPMS-TR	239			UDE-SL1201	12/13/2012	From B122120 by TMU on 12/08/12
1247011-03RE1	B122318	Se-SW-RP-ICPMS-TR	240			UDE-SL1201	12/13/2012	From B122120 by TMU on 12/08/12
1247011-03RE1	B122318	As-SW-RP-ICPMS-TR	241			UDE-SL1201	12/13/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Tl-SW-RP-ICPMS-TR	242			USA-AB1201	1/1/1980	BatchQC
1248034-01RE1	B122318	Se-SW-RP-ICPMS-TR	243			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	244			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Cr-SW-RP-ICPMS-TR	245			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	246			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Be-SW-RP-ICPMS-TR	247			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	248			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	As-SW-RP-ICPMS-TR	249			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	250			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Ag-SW-RP-ICPMS-TR	251			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-01RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	252			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
B122318-DUP4	B122318	QC	253		1248034-01RE1			
B122318-MS4	B122318	QC	254		1248034-01RE1			
1248034-02RE1	B122318	Se-SW-RP-ICPMS-TR	255			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	256			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Cr-SW-RP-ICPMS-TR	257			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	258			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Be-SW-RP-ICPMS-TR	259			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	260			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248034-02RE1	B122318	As-SW-RP-ICPMS-TR	261			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	262			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Ag-SW-RP-ICPMS-TR	263			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-02RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	264			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Se-SW-RP-ICPMS-TR	265			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	266			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Cr-SW-RP-ICPMS-TR	267			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	268			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Be-SW-RP-ICPMS-TR	269			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	270			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	As-SW-RP-ICPMS-TR	271			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	272			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Ag-SW-RP-ICPMS-TR	273			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-03RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	274			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Se-SW-RP-ICPMS-TR	275			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	276			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Cr-SW-RP-ICPMS-TR	277			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	278			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Be-SW-RP-ICPMS-TR	279			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	280			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	As-SW-RP-ICPMS-TR	281			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	282			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Ag-SW-RP-ICPMS-TR	283			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-04RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	284			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Se-SW-RP-ICPMS-TR	285			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	286			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248034-05RE1	B122318	Cr-SW-RP-ICPMS-TR	287			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	288			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Be-SW-RP-ICPMS-TR	289			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	290			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	As-SW-RP-ICPMS-TR	291			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	292			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Ag-SW-RP-ICPMS-TR	293			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-05RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	294			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Se-SW-RP-ICPMS-TR	295			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	296			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Cr-SW-RP-ICPMS-TR	297			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	298			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Be-SW-RP-ICPMS-TR	299			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	300			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	As-SW-RP-ICPMS-TR	301			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	302			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Ag-SW-RP-ICPMS-TR	303			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-06RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	304			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1200911-CCV9	1200911	QC	305	1240047	-			
1200911-CCB9	1200911	QC	306		-			
1248034-07RE1	B122318	Se-SW-RP-ICPMS-TR	307			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	308			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Cr-SW-RP-ICPMS-TR	309			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	310			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Be-SW-RP-ICPMS-TR	311			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	312			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248034-07RE1	B122318	As-SW-RP-ICPMS-TR	313			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	314			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Ag-SW-RP-ICPMS-TR	315			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-07RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	316			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Se-SW-RP-ICPMS-TR	317			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	318			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Cr-SW-RP-ICPMS-TR	319			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	320			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Be-SW-RP-ICPMS-TR	321			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	322			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	As-SW-RP-ICPMS-TR	323			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	324			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Ag-SW-RP-ICPMS-TR	325			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-08RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	326			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Se-SW-RP-ICPMS-TR	327			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Se-SW-RP-ICPMS-NoMB-TR	328			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Cr-SW-RP-ICPMS-TR	329			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Cr-SW-RP-ICPMS-NoMB-TR	330			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Be-SW-RP-ICPMS-TR	331			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Be-SW-RP-ICPMS-NoMB-TR	332			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	As-SW-RP-ICPMS-TR	333			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	As-SW-RP-ICPMS-NoMB-TR	334			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Ag-SW-RP-ICPMS-TR	335			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
1248034-09RE1	B122318	Ag-SW-RP-ICPMS-NoMB-TR	336			USA-AB1201	12/20/2012	From B122120 by TMU on 12/08/12
B122319-BLK1	B122319	QC	337		-			
B122319-BLK2	B122319	QC	338		-			

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B122319-BLK3	B122319	QC	339		-			
B122319-BLK4	B122319	QC	340		-			
B122319-BS1	B122319	QC	341		-			
B122319-SRM1	B122319	QC	342		-			
1249001-01RE1	B122319	Tl-SW-RP-ICPMS-TR	343			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	Tl-SW-RP-ICPMS-Diss	344			RP SW-LFB	1/1/1980	BatchQC
1249001-01RE1	B122319	Se-SW-RP-ICPMS-TR	345			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	Se-SW-RP-ICPMS-Diss	346			RP SW-LFB	1/1/1980	BatchQC
1249001-01RE1	B122319	Sb-SW-RP-ICPMS-TR	347			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	Sb-SW-RP-ICPMS-Diss	348			RP SW-LFB	1/1/1980	BatchQC
1249001-01RE1	B122319	Cr-SW-RP-ICPMS-TR	349			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	Cr-SW-RP-ICPMS-Diss	350			RP SW-LFB	1/1/1980	BatchQC
1249001-01RE1	B122319	Be-SW-RP-ICPMS-TR	351			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	Be-SW-RP-ICPMS-Diss	352			RP SW-LFB	1/1/1980	BatchQC
1249001-01RE1	B122319	As-SW-RP-ICPMS-TR	353			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	As-SW-RP-ICPMS-Diss	354			RP SW-LFB	1/1/1980	BatchQC
1249001-01RE1	B122319	Ag-SW-RP-ICPMS-TR	355			RP SW-LFB	12/26/2012	From B122242 by TMU on 12/08/12
1249001-01RE1	B122319	Ag-SW-RP-ICPMS-Diss	356			RP SW-LFB	1/1/1980	BatchQC
B122319-MS3	B122319	QC	357		1249001-01RE1			
1248018-01RE1	B122319	Tl-SW-RP-ICPMS-TR	358			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-01RE1	B122319	Se-SW-RP-ICPMS-TR	359			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-01RE1	B122319	Sb-SW-RP-ICPMS-TR	360			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-01RE1	B122319	Cr-SW-RP-ICPMS-TR	361			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-01RE1	B122319	Be-SW-RP-ICPMS-TR	362			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-01RE1	B122319	As-SW-RP-ICPMS-TR	363			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-01RE1	B122319	Ag-SW-RP-ICPMS-TR	364			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-02RE1	B122319	Tl-SW-RP-ICPMS-Diss	365			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-02RE1	B122319	Se-SW-RP-ICPMS-Diss	366			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-02RE1	B122319	Sb-SW-RP-ICPMS-Diss	367			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-02RE1	B122319	Cr-SW-RP-ICPMS-Diss	368			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-02RE1	B122319	Be-SW-RP-ICPMS-Diss	369			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-02RE1	B122319	As-SW-RP-ICPMS-Diss	370			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-02RE1	B122319	Ag-SW-RP-ICPMS-Diss	371			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	Tl-SW-RP-ICPMS-TR	372			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	Se-SW-RP-ICPMS-TR	373			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	Sb-SW-RP-ICPMS-TR	374			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	Cr-SW-RP-ICPMS-TR	375			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	Be-SW-RP-ICPMS-TR	376			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	As-SW-RP-ICPMS-TR	377			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-03RE1	B122319	Ag-SW-RP-ICPMS-TR	378			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-04RE1	B122319	Tl-SW-RP-ICPMS-TR	379			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	Tl-SW-RP-ICPMS-Diss	380			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-04RE1	B122319	Se-SW-RP-ICPMS-TR	381			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	Se-SW-RP-ICPMS-Diss	382			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-04RE1	B122319	Sb-SW-RP-ICPMS-TR	383			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	Sb-SW-RP-ICPMS-Diss	384			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-04RE1	B122319	Cr-SW-RP-ICPMS-TR	385			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	Cr-SW-RP-ICPMS-Diss	386			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-04RE1	B122319	Be-SW-RP-ICPMS-TR	387			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	Be-SW-RP-ICPMS-Diss	388			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-04RE1	B122319	As-SW-RP-ICPMS-TR	389			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	As-SW-RP-ICPMS-Diss	390			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-04RE1	B122319	Ag-SW-RP-ICPMS-TR	391			ORN-OR1203	1/1/1980	BatchQC
1248018-04RE1	B122319	Ag-SW-RP-ICPMS-Diss	392			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
B122319-DUP1	B122319	QC	393		1248018-04RE1			
1200911-CCVA	1200911	QC	394	1240047	-			
1200911-CCBA	1200911	QC	395		-			
B122319-MS1	B122319	QC	396		1248018-04RE1			
B122319-MSD1	B122319	QC	397		1248018-04RE1			
1248018-05RE1	B122319	Tl-SW-RP-ICPMS-TR	398			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-05RE1	B122319	Se-SW-RP-ICPMS-TR	399			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-05RE1	B122319	Sb-SW-RP-ICPMS-TR	400			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-05RE1	B122319	Cr-SW-RP-ICPMS-TR	401			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-05RE1	B122319	Be-SW-RP-ICPMS-TR	402			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-05RE1	B122319	As-SW-RP-ICPMS-TR	403			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-05RE1	B122319	Ag-SW-RP-ICPMS-TR	404			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	Tl-SW-RP-ICPMS-Diss	405			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	Se-SW-RP-ICPMS-Diss	406			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	Sb-SW-RP-ICPMS-Diss	407			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	Cr-SW-RP-ICPMS-Diss	408			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	Be-SW-RP-ICPMS-Diss	409			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	As-SW-RP-ICPMS-Diss	410			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-06RE1	B122319	Ag-SW-RP-ICPMS-Diss	411			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	Tl-SW-RP-ICPMS-TR	412			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	Tl-SW-RP-ICPMS-Diss	413			ORN-OR1203	1/1/1980	BatchQC
1248018-07RE1	B122319	Se-SW-RP-ICPMS-TR	414			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	Se-SW-RP-ICPMS-Diss	415			ORN-OR1203	1/1/1980	BatchQC
1248018-07RE1	B122319	Sb-SW-RP-ICPMS-TR	416			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12

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1248018-07RE1	B122319	Sb-SW-RP-ICPMS-Diss	417			ORN-OR1203	1/1/1980	BatchQC
1248018-07RE1	B122319	Cr-SW-RP-ICPMS-TR	418			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	Cr-SW-RP-ICPMS-Diss	419			ORN-OR1203	1/1/1980	BatchQC
1248018-07RE1	B122319	Be-SW-RP-ICPMS-TR	420			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	Be-SW-RP-ICPMS-Diss	421			ORN-OR1203	1/1/1980	BatchQC
1248018-07RE1	B122319	As-SW-RP-ICPMS-TR	422			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	As-SW-RP-ICPMS-Diss	423			ORN-OR1203	1/1/1980	BatchQC
1248018-07RE1	B122319	Ag-SW-RP-ICPMS-TR	424			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-07RE1	B122319	Ag-SW-RP-ICPMS-Diss	425			ORN-OR1203	1/1/1980	BatchQC
B122319-DUP2	B122319	QC	426		1248018-07RE1			
B122319-MS2	B122319	QC	427		1248018-07RE1			
B122319-MSD2	B122319	QC	428		1248018-07RE1			
1248018-08RE1	B122319	Tl-SW-RP-ICPMS-Diss	429			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-08RE1	B122319	Se-SW-RP-ICPMS-Diss	430			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-08RE1	B122319	Sb-SW-RP-ICPMS-Diss	431			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-08RE1	B122319	Cr-SW-RP-ICPMS-Diss	432			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-08RE1	B122319	Be-SW-RP-ICPMS-Diss	433			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-08RE1	B122319	As-SW-RP-ICPMS-Diss	434			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-08RE1	B122319	Ag-SW-RP-ICPMS-Diss	435			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	Tl-SW-RP-ICPMS-TR	436			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	Se-SW-RP-ICPMS-TR	437			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	Sb-SW-RP-ICPMS-TR	438			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	Cr-SW-RP-ICPMS-TR	439			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	Be-SW-RP-ICPMS-TR	440			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	As-SW-RP-ICPMS-TR	441			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-09RE1	B122319	Ag-SW-RP-ICPMS-TR	442			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12

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1200911-CCVB	1200911	QC	443	1240047	-			
1200911-CCBB	1200911	QC	444		-			
1248018-10RE1	B122319	Tl-SW-RP-ICPMS-Diss	445			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-10RE1	B122319	Se-SW-RP-ICPMS-Diss	446			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-10RE1	B122319	Sb-SW-RP-ICPMS-Diss	447			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-10RE1	B122319	Cr-SW-RP-ICPMS-Diss	448			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-10RE1	B122319	Be-SW-RP-ICPMS-Diss	449			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-10RE1	B122319	As-SW-RP-ICPMS-Diss	450			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-10RE1	B122319	Ag-SW-RP-ICPMS-Diss	451			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	Tl-SW-RP-ICPMS-TR	452			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	Se-SW-RP-ICPMS-TR	453			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	Sb-SW-RP-ICPMS-TR	454			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	Cr-SW-RP-ICPMS-TR	455			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	Be-SW-RP-ICPMS-TR	456			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	As-SW-RP-ICPMS-TR	457			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-11RE1	B122319	Ag-SW-RP-ICPMS-TR	458			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	Tl-SW-RP-ICPMS-Diss	459			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	Se-SW-RP-ICPMS-Diss	460			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	Sb-SW-RP-ICPMS-Diss	461			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	Cr-SW-RP-ICPMS-Diss	462			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	Be-SW-RP-ICPMS-Diss	463			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	As-SW-RP-ICPMS-Diss	464			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
1248018-12RE1	B122319	Ag-SW-RP-ICPMS-Diss	465			ORN-OR1203	12/19/2012	From B122242 by TMU on 12/08/12
B122316-BLK1	B122316	QC	466		-			
B122316-BLK2	B122316	QC	467		-			
B122316-BLK3	B122316	QC	468		-			

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B122316-BLK4	B122316	QC	469		-			
B122316-BS1	B122316	QC	470		-			
B122316-SRM1	B122316	QC	471		-			
B122316-SRM2	B122316	QC	472		-			
1200911-CCVC	1200911	QC	473	1240047	-			
1200911-CCBC	1200911	QC	474		-			
1246025-04RE1	B122316	Tl-B-HNO3-ICPMS	475			DBE-RK1102	1/1/1980	BatchQC
1246025-04RE1	B122316	Pb-B-HNO3-ICPMS	476			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-04RE1	B122316	Cu-B-HNO3-ICPMS	477			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-04RE1	B122316	Cd-B-HNO3-ICPMS	478			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
B122316-DUP1	B122316	QC	479		1246025-04RE1			
B122316-MS1	B122316	QC	480		1246025-04RE1			
B122316-MSD1	B122316	QC	481		1246025-04RE1			
1246025-05RE1	B122316	Pb-B-HNO3-ICPMS	482			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-05RE1	B122316	Cu-B-HNO3-ICPMS	483			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-05RE1	B122316	Cd-B-HNO3-ICPMS	484			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-06RE1	B122316	Pb-B-HNO3-ICPMS	485			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-06RE1	B122316	Cu-B-HNO3-ICPMS	486			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1246025-06RE1	B122316	Cd-B-HNO3-ICPMS	487			DBE-RK1102	12/10/2012	From B122119 by TMU on 12/08/12
1245005-01RE1	B122316	Tl-B-HNO3-ICPMS	488			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-01RE1	B122316	Pb-B-HNO3-ICPMS	489			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-01RE1	B122316	Cu-B-HNO3-ICPMS	490			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-01RE1	B122316	Cd-B-HNO3-ICPMS	491			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
B122316-DUP2	B122316	QC	492		1245005-01RE1			
B122316-MS2	B122316	QC	493		1245005-01RE1			
B122316-MSD2	B122316	QC	494		1245005-01RE1			

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1200911-CCVD	1200911	QC	495	1240047	-			
1200911-CCBD	1200911	QC	496		-			
1245005-02RE1	B122316	Tl-B-HNO3-ICPMS	497			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-02RE1	B122316	Pb-B-HNO3-ICPMS	498			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-02RE1	B122316	Cu-B-HNO3-ICPMS	499			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-02RE1	B122316	Cd-B-HNO3-ICPMS	500			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-03RE1	B122316	Tl-B-HNO3-ICPMS	501			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-03RE1	B122316	Pb-B-HNO3-ICPMS	502			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-03RE1	B122316	Cu-B-HNO3-ICPMS	503			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-03RE1	B122316	Cd-B-HNO3-ICPMS	504			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-04RE1	B122316	Tl-B-HNO3-ICPMS	505			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-04RE1	B122316	Pb-B-HNO3-ICPMS	506			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-04RE1	B122316	Cu-B-HNO3-ICPMS	507			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-04RE1	B122316	Cd-B-HNO3-ICPMS	508			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-05RE1	B122316	Tl-B-HNO3-ICPMS	509			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-05RE1	B122316	Pb-B-HNO3-ICPMS	510			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-05RE1	B122316	Cu-B-HNO3-ICPMS	511			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-05RE1	B122316	Cd-B-HNO3-ICPMS	512			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-06RE1	B122316	Tl-B-HNO3-ICPMS	513			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-06RE1	B122316	Pb-B-HNO3-ICPMS	514			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-06RE1	B122316	Cu-B-HNO3-ICPMS	515			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-06RE1	B122316	Cd-B-HNO3-ICPMS	516			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-07RE1	B122316	Tl-B-HNO3-ICPMS	517			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-07RE1	B122316	Pb-B-HNO3-ICPMS	518			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-07RE1	B122316	Cu-B-HNO3-ICPMS	519			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-07RE1	B122316	Cd-B-HNO3-ICPMS	520			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1245005-08RE1	B122316	Cd-B-HNO3-ICPMS	521			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-08RE1	B122316	Tl-B-HNO3-ICPMS	522			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-08RE1	B122316	Pb-B-HNO3-ICPMS	523			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1245005-08RE1	B122316	Cu-B-HNO3-ICPMS	524			UDE-SL1201	12/5/2012	From B122119 by TMU on 12/08/12
1200911-CCVE	1200911	QC	525	1240047	-			
1200911-CCBE	1200911	QC	526		-			

ICP-MS Analysis Benchsheet Batch No: B122317-2316-2319-2318

BR-0060 standard / DRC mode (circle one)

(BRL procedure for the analysis of samples by EPA Methods 1638, 200.8, 6020A, and 1640)

Analyst: TMU Date: 12/8/2012

Instrument ID: ICPMS2 cHNO3 ID: 1237095 cHCl ID: 1050160

Sequence diluents 5% HNO3- 1%HCl

Calibration recorded in LIMS Int Std: 1249008 SEQ: 1200911

A/S #	Batch	Sample ID	Dilution	Comments
1		warm up		
1		warm up		
1		warm up		
1		SEQ-ICB1		
2		SEQ-CAL1		1240051 Se Ion Cal out TMU 12/10/12
3		SEQ-CAL2		1240050
4		SEQ-CAL3		1240049
5		SEQ-CAL4		1240048
6		SEQ-CAL5		1240047
7		SEQ-CAL6		1240046
8		SEQ-CAL7		1240045
9		SEQ-CAL8		1240044
1		SEQ-ICB2		
10		SEQ-ICV1		1244005
1		SEQ-ICB3		
101		SEQ-IBL1		
102		SEQ-IBL2		
103		SEQ-IBL3		
104		SEQ-IBL4		
105		SEQ-SCV1	5x	NIST 1643e 1202032-1215030
5		SEQ-CCV1		1240048
1		SEQ-CCB1		
125	B122317	B122317-BLK1	5x	
126	B122317	B122317-BLK2	5x	
127	B122317	B122317-BLK3	5x	
128	B122317	B122317-BLK4	5x	
129	B122317	B122317-BS1	5x	
130	B122317	B122317-SRM1	5x	
131	B122317	0944029-98RE2	5x	
132	B122317	B122317-MS4	5x	
133	B122317	1246033-05RE2	5x	
134	B122317	1246033-01RE2	5x	
5		SEQ-CCV2		1240048
1		SEQ-CCB2		
135	B122317	B122317-DUP1	5x	
136	B122317	B122317-MS1	5x	
137	B122317	1246033-02RE2	5x	
138	B122317	1246033-03RE2	5x	
139	B122317	1246033-04RE2	5x	

140	B122317	1246033-06RE2	5x	
141	B122317	1246033-07RE2	5x	
142	B122317	1246033-61RE2	5x	
143	B122317	B122317-DUP2	5x	
144	B122317	B122317-MS2	5x	
5		SEQ-CCV3		1240048
1		SEQ-CCB3		
145	B122317	1246033-63RE2	5x	
146	B122317	1246033-64RE2	5x	
147	B122317	1246033-65RE2	5x	
148	B122317	1246033-66RE2	5x	
149	B122317	1246033-67RE2	5x	
150	B122317	1246033-68RE2	5x	
151	B122317	B122317-DUP3	5x	
152	B122317	B122317-MS3	5x	
153	B122317	1246033-62RE2	5x	
154	B122317	B122317-SRM2	5x	
5		SEQ-CCV4		1240048
1		SEQ-CCB4		
155	B122317	B122317-SRM3	5x	
156	B122317	B122317-SRM4	5x	
157	B122318	B122318-BLK1	5x	
158	B122318	B122318-BLK2	5x	
159	B122318	B122318-BLK3	5x	
160	B122318	B122318-BLK4	5x	
201	B122318	B122318-BS1	5x	
202	B122318	B122318-SRM1	5x	
203	B122318	0944029-99	5x	Upload as 1249001-01 in ~~B122242~~
204	B122318	B122318-MS5	5x	
5		SEQ-CCV5		1240048
1		SEQ-CCB5		
205	B122318	1245005-09RE1	5x	
206	B122318	B122318-DUP1	5x	
207	B122318	B122318-MS1	5x	
208	B122318	B122318-MSD1	5x	
209	B122318	1245005-10RE1	5x	
210	B122318	1245005-11RE1	5x	
211	B122318	1245005-12RE1	5x	
212	B122318	1245005-13RE1	5x	
213	B122318	1245005-14RE1	5x	
214	B122318	1245005-15RE1	5x	
5		SEQ-CCV6		1240048
1		SEQ-CCB6		
215	B122318	1245005-16RE1	5x	
216	B122318	1245005-17RE1	5x	
217	B122318	1245005-18RE1	5x	
218	B122318	1245005-19RE1	5x	
219	B122318	B122318-DUP2	5x	
220	B122318	B122318-MS2	5x	
221	B122318	B122318-MSD2	5x	
222	B122318	1245005-20RE1	5x	
223	B122318	1245005-21RE1	5x	

MSU 12/10/12
B122319

224	B122318	1245005-22RE1	5x	
6		SEQ-CCV7		1240047
1		SEQ-CCB7		
225	B122318	1245005-23RE1	5x	
226	B122318	1245005-24RE1	5x	
227	B122318	1245005-25RE1	5x	
228	B122318	1245005-26RE1	5x	
229	B122318	1245020-03RE1	5x	
230	B122318	B122318-DUP3	5x	
231	B122318	B122318-MS3	5x	
232	B122318	B122318-MSD3	5x	
233	B122318	1245020-07 RE1	5x	
234	B122318	1245020-11 RE1	5x	
6		SEQ-CCV8		1240047
1		SEQ-CCB8		
235	B122318	1245020-15RE1	5x	
236	B122318	1247011-03RE1	5x	
237	B122318	1248034-01RE1	5x	
238	B122318	B122318-DUP4	5x	
239	B122318	B122318-MS4	5x	
240	B122318	1248034-02RE1	5x	
241	B122318	1248034-03RE1	5x	
242	B122318	1248034-04RE1	5x	
243	B122318	1248034-05RE1	5x	
244	B122318	1248034-06RE1	5x	
6		SEQ-CCV9		1240047
1		SEQ-CCB9		
245	B122318	1248034-07RE1	5x	
246	B122318	1248034-08RE1	5x	
247	B122318	1248034-09RE1	5x	
248	B122319	B122319-BS1	5x	BLKs, native, SRM shared w/~~B122120~~ B122318
249	B122319	B122319-MS3	5x	
250	B122319	1248018-01RE1	5x	
251	B122319	1248018-02RE1	5x	
252	B122319	1248018-03RE1	5x	
253	B122319	1248018-04RE1	5x	
254	B122319	B122319-DUP1	5x	
6		SEQ-CCVA		1240047
1		SEQ-CCBA		
255	B122319	B122319-MS1	5x	
256	B122319	B122319-MSD1	5x	
257	B122319	1248018-05RE1	5x	
258	B122319	1248018-06RE1	5x	
259	B122319	1248018-07RE1	5x	
260	B122319	B122319-DUP2	5x	
315	B122319	B122319-MS2	5x	
316	B122319	B122319-MSD2	5x	
317	B122319	1248018-08RE1	5x	
318	B122319	1248018-09RE1	5x	
6		SEQ-CCVB		1240047
1		SEQ-CCBB		
319	B122319	1248018-10RE1	5x	

MSU 12/10/12

320	B122319	1248018-11RE1	5x	
321	B122319	1248018-12RE1	5x	
322	B122316	B122316-BLK1	10x	
323	B122316	B122316-BLK2	10x	
324	B122316	B122316-BLK3	10x	
325	B122316	B122316-BLK4	10x	
326	B122316	B122316-BS1	10x	
327	B122316	B122316-SRM1	10x	
328	B122316	B122316-SRM2	10x	
6		SEQ-CCVC		1240047
1		SEQ-CCBC		
329	B122316	1246025-04RE1	10x	
330	B122316	B122316-DUP1	10x	
331	B122316	B122316-MS1	10x	
332	B122316	B122316-MSD1	10x	
333	B122316	1246025-05RE1	10x	
334	B122316	1246025-06RE1	10x	
335	B122316	1245005-01RE1	10x	
336	B122316	B122316-DUP2	10x	
337	B122316	B122316-MS2	10x	
338	B122316	B122316-MSD2	10x	
6		SEQ-CCVD		1240047
1		SEQ-CCBD		
339	B122316	1245005-02RE1	10x	
340	B122316	1245005-03RE1	10x	
341	B122316	1245005-04RE1	10x	
342	B122316	1245005-05RE1	10x	
343	B122316	1245005-06RE1	10x	
344	B122316	1245005-07RE1	10x	
345	B122316	1245005-08RE1	10x	
6		SEQ-CCVE		1240047
1		SEQ-CCBE		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		

Trace Metals Method BR-0070 Rev 003 (ICP-MS)

Biota Preparation by HotBlock Digestion

Digestion by: HNO_3 / H_2O_2

Batch #: B122118, 2119, 2159 Prepared By: CLE

Page 1 of 1

Preparation Date and Time*: 11/26/12 1605

Matrix: biota

Balance ID: BL-03

Date and Time of Finished Preparation: 11/29/12 1125

* Time is when the first reagents are added.

Sample ID	Sample Mass (g)	Notes
BLK1	---	
BLK2	---	
BLK3	---	
BLK4	---	
BS1	---	
SRM1	0.255	~~DCH 11/26/12~~ DORM-3
SRM2	0.244	TORT-2
1246025-04	0.491	
DUP1	0.562	
MS1	0.548	
MSD1	0.525	
1246025-05	0.512	
-06	0.501	
1245005-01	0.501	
DUP2	0.534	
MS2	0.565	
MSD2	0.548	
1245005-02	0.570	
-03	0.528	
-04	0.493	
-05	0.514	
-06	0.532	
-07	0.540	
-08	0.543	

B122118, 2119

Sample ID	Spike ID	Spike Added (mL)	Analyte/Concentration	Spike Witness Initials/Date
BS1, MS/MSD 1-2	1248001	0.1	B122118, 2119, 2159 spike	TW 11/26/12

CLE 11/26/12

Reagents Added (ID/Amount Added)

0.1mL H2O2 (1217017)

10mL HNO3 (1241059)

Environ. Express tube lot #: 120143

Final Dilution Volume 40 mL

Target Hotblock Temperature = 100 °C

HotBlock Temperature*, Time On / Time Off, Date

SRM1 - ~~DORM-3~~ TORT-2 - 1219051

SRM2 - TORT-2 - 1051005

Thermometer ID: 010396

* Both measured and corrected temperatures must be recorded.

SRM-Matrix-LIMS ID #

M: ~~[illegible]~~ C: 97°C 11/26/12 1615

timer set for 2.5 hrs

Comments:

A: aliquotted w/ pipette J112724.

B122166
RP

Samples spiked: BS1, MS1-4

Element	Conc. (µg/L)	spike conc w/ **0.1mL spike vol** and **200mL sample**	mL from stock into **10mL tube**	ppm	LIMS ID
As	5.000	10.000	0.1000	1000	1148020
Be	0.250	0.500	0.5000	10	1240023
Cd	0.120	0.240	0.2400	10	1240025
Cr	5.000	10.000	0.1000	1000	1226011
Cu	1.200	2.400	0.2400	100	1227010
Ni	1.400	2.800	0.2800	100	1240028
Pb	0.130	0.260	0.2600	10	1227019
Se	2.500	5.000	0.5000	100	1245088
Zn	7.500	15.000	0.1500	1000	1226028

Spikemix ID: 1248006

Add 7.63mL 2% HNO3

Element	Conc. (µg/L)	vol to spike directly to **200mL sample**	ppm	LIMS ID
Ag	0.500	0.0500	2	1240035

Trace Metals Method BR-0066 Rev_002_ (ICP-MS)
Sea Water Sample Preparation by Reductive Co-Precipitation

Batch #(s): B122120, 2242 Page 1 of 2

Balance ID: BL-02 Preparation Date and Time*: 12/2/12 1700

Filtration Date: 12/4/12 Date and Time of Finished Preparation: 1900 12/4/12

Filtered By: CLE Prepared By: CLE

* Time is when the first reagents are added.

#	Sample ID	Sample Volume (mL)†		#	Sample ID	Sample Volume (mL)†
1	BLK1	200.57	*	17	1245005-14	40.05/200.01
2	BLK2	200.62	*	18	1245005-15	40.34/200.37
3	BLK3	200.75	*	19	1245005-16	40.21/200.24
4	BLK4	200.81	*	20	1245005-17	40.97 dil'd 40.23/200.18
5	B122120 BS1	200.67	*	21	1245005-18	40.07/200.98
6	SRM1 (SLEW-3)	200.20	*	22	1245005-19	40.11/200.16
O 7	0944029-99/1249001-01	200.39	*	23	B122120 DUP2	40.78/200.76
8	B122120 MS5	200.20	*	24	B122120 MS2	40.62/200.05
* 9	1245005-09	40.20/200.04	*	25	B122120 MSD2	40.37/200.15
10	B122120 DUP1	40.43/200.06	*	26	1245005-20	40.66/200.18
11	B122120 MS1	40.42/200.35	*	27	1245005-21	40.66/200.11
12	B122120 MSD1	40.70/200.45	*	28	1245005-22	40.05 dil'd 40.30/200.30
13	1245005-10	40.33/200.25	*	29	1245005-23	40.52/200.95
14	1245005-11	40.58/200.22	*	30	1245005-24	40.60/200.62
15	1245005-12	40.44/200.70	*	31	1245005-25	40.61/200.38
16	1245005-13	40.91/200.21	*	32	1245005-26	40.06/200.04

† Sample vol. recorded in LIMS with three significant figures.

Sample ID	Spike ID	Vol. Added (mL)	Analyte/Concentration	Spike Witness Initials/Date:
B122120 BS1, MS1-5, MSD1-5	1249001	0.1	B122120 USA/UDE spike mix	
	1240035	0.05	Ag 2ppm	
B122242 BS1, MS1-3, MSD1-2	1249002	0.1	B122124 UCOR spike mix	N/A
	1240035	0.05	Ag 2ppm	
	1237005	0.3	Sb 1ppm	

Bottle Lot: 12-192 SRM-Matrix-ID: SRM1-SLEW3-1238007 HNO_3 ID: 1237104

$NaBH_4$ ID: 1231009 NH_4OH ID: 1246029 Filter Lot #: 332936

H_2O_2 ID: 1217017 Fe/Pd/La/Te ID: 1243001 Final Dilution Vol.: 10mL

Target Digestion Temps/Times: **120 °C for 5 minutes x 2** then **150 °C for 15-20 minutes**

Digestion Temperatures*/Times: HB-01: C:120°C M:120C 1630/1635 then C:120°C M:120°C 1725/1730 then C:150°C M:150°C 1925/1840

Thermometer ID: TM-02

*** Both measured and corrected temperatures must be recorded.**

Comments: Full QC sets not performed for B122120 QC set 4 in order to conserve sample for future re-preps.

* Samples prepped at 5x dilution, as per project notes. †: prepped @ 10x dln, as per PM.

Samples prepped at a dilution brought up to 200mL w/ 0.2% HNO_3.

O: New work order created for Native SW (numbers reached LIMS capacity). 0944029-99 used in B122120, 1249001-01 used in B122242.

NOTE: All samples have been adjusted to a pH of 9 prior to filtration as described in BRL SOP BR-0066 and verified by pH paper.

Any sample requiring more or less adjustment than described in the SOP has been noted with a full description of how it

Trace Metals Method BR-0066 Rev_002_ (ICP-MS)
Sea Water Sample Preparation by Reductive Co-Precipitation

Batch #(s): B122120, 2242 Balance ID: BL-02

Filtration Date: 12/4/12 Preparation Date / Time*: 12/2/12

Filtered By: CLE Prepared By: CLE

* Time is when the first reagents are added.

	#	Sample ID	Sample Volume (mL)
*	33	1245020-03	40.01/200.91
*	34	B122120 DUP3	40.06/200.68
*	35	B122120 MS3	40.68/200.00
*	36	B122120 MSD3	40.02/200.03
*	37	1245020-07	40.23/200.27
*	38	1245020-11	40.76/200.72
*	39	1245020-15	40.22/200.99
*	40	1247011-03	40.59/200.77
	41	1248034-01	200.76
	42	B122120 DUP4	200.45
	43	B122120 MS4	200.66
	44	1248034-02	200.73
	45	1248034-03	200.23
	46	1248034-04	200.10
	47	1248034-05	200.61
	48	1248034-06	200.55
	49	1248034-07	200.15
	50	1248034-08	200.58
	51	1248034-09	200.72
	52	B122242 BS1	200.59
†	53	B122242 MS3	20.06/200.18
†	54	1248018-01	20.00/200.35
	55	1248018-02	20.21/200.35

	#	Sample ID	Sample Volume (mL)
	56	1248018-03	20.05/200.01
	57	1248018-04	20.41/200.60
	58	B122242 DUP1	20.30/200.80
	59	B122242 MS1	20.42/200.39
	60	B122242 MSD1	20.19/200.14
	61	1248018-05	20.30/200.10
	62	1248018-06	20.24/200.06
	63	1248018-07	20.02/200.03
	64	B222242 DUP2	20.66/200.08
	65	B222242 MS2	20.41/200.20
	66	B222242 MSD2	20.29/200.89
	67	1248018-08	20.33/200.31
	68	1248018-09	20.23/200.15
	69	1248018-10	20.32/200.99
	70	1248018-11	20.81/200.06
	71	1248018-12	20.41/200.10
	72		
	73		
	74		
	75		
	76		
	77		
	78		

* BS1, MS3 potentially spiked w/ 0.6mL Sb 1ppm. 12/2/12

* Samples digested on HB-01. Therm. ID: TM-03.

Digestion temp/time: ci:121°C/7/6/745 then M:123°C/7/6/745 ci:121°C/1800/1805 then ci:1489 M:150°C/10/1/900

O: Filter lot: 320261

B122120, 2242
RP

B122120
USA/UDE
Samples spiked: BS1, MS1-S, MSD1-3

Element	Conc. (µg/L)	spike conc w/ **0.1mL spike vol** and **200mL sample**	mL from stock into **10mL tube**	ppm	LIMS ID
As	10.000	20.000	0.2000	1000	1148020
Be	0.250	0.500	0.5000	**10**	1240023
Cd	0.120	0.240	0.2400	**10**	1240025
Cr	5.000	10.000	0.1000	1000	1226011
Cu	1.200	2.400	0.2400	**100**	1227010
Ni	1.400	2.800	0.2800	**100**	1240028
Pb	0.130	0.260	0.2600	**10**	1227019
Se	2.500	5.000	0.5000	**100**	1245088
Tl	0.100	0.200	0.2000	**10**	1240031
Zn	7.500	15.000	0.1500	1000	1226028

Spike mix ID: 1249001

Add 7.33mL 2% HNO3

Element	Conc. (µg/L)	vol to spike directly to **200mL sample**	ppm	LIMS ID
Ag	0.500	0.0500	2	1240035

B122242
UCOR – Reviewed. mlb 11.30.12
Samples spiked: MS1-3, BS1, MSD1-2

Element	Conc. (µg/L)	spike conc w/ **0.1mL spike vol** and **20mL sample** (mg/L)	mL from stock into **10mL tube**	ppm	LIMS ID
As	25.000	5.000	0.0500	1000	1148020
Be	5.000	1.000	0.1000	**100**	1240022
Cr	25.000	5.000	0.0500	1000	1226011
Se	30.000	6.000	0.0600	1000	1148021
Tl	5.000	1.000	0.1000	**100**	1240030

spike mix ID: 1249002

Add 9.64mL 2% HNO3

Element	Conc. (µg/L)	vol to spike directly to **20mL sample**	ppm	LIMS ID
Ag	5.000	0.0500 mL	2	~~1243605~~ 1240035
Sb	15.000	0.3000 mL	1	1237005

Fake spike ID: 1249003

B122242 ~~BS1, MS2~~ 12/12/12 potentially spike 1 e/0.6mL Sb 1 ppm.

Trace Metals Method BR-0066 Rev_002_ (ICP-MS)
Sea Water Sample Preparation by Reductive Co-Precipitation

Batch #(s): B122120, 2242

Balance ID: BL-02

Filtration Date: 12/4/12

Filtered By: CLE

Preparation Date and Time*: 12/2/12 1700

Date and Time of Finished Preparation: 1900 12/4/12

Prepared By: CLE

* Time is when the first reagents are added.

#	Sample ID	Sample Volume (mL)†	
1	BLK1	200.57	*
2	BLK2	200.62	*
3	BLK3	200.75	*
4	BLK4	200.81	*
5	B122120 BS1	200.67	*
6	SRM1 (SLEW-3)	200.20	*
O 7	0944029-99 / 1249001-01	200.39	*
8	B122120 MS5	200.20	*
* 9	1245005-09	40.20/200.04	*
10	B122120 DUP1	40.43/200.06	*
11	B122120 MS1	40.42/200.35	*
12	B122120 MSD1	40.70/200.45	*
13	1245005-10	40.33/200.25	*
14	1245005-11	40.58/200.22	*
15	1245005-12	40.44/200.70	*
16	1245005-13	40.91/200.2	*
17	1245005-14	40.06/200.01	
18	1245005-15	40.34/200.37	
19	1245005-16	40.21/200.24	
20	1245005-17	40.97 40.23/200.18	
21	1245005-18	40.07/200.98	
22	1245005-19	40.11/200.16	
23	B122120 DUP2	40.78/200.76	
24	B122120 MS2	40.62/200.05	
25	B122120 MSD2	40.37/200.15	
26	1245005-20	40.66/200.18	
27	1245005-21	40.66/200.11	
28	1245005-22	40.05 40.30/200.30	
29	1245005-23	40.52/200.95	
30	1245005-24	40.69/200.62	
31	1245005-25	40.61/200.38	
32	1245005-26	40.06/200.64	

† Sample vol. recorded in LIMS with three significant figures.

Sample ID	Spike ID	Vol. Added (mL)	Analyte/Concentration
B122120 BS1, MS1-5, MSD1-3	1249001	0.1	B122120 USA/UDE spike mix
	1240035	0.05	Ag 2ppm
B122242 BS1, MS1-3, MSD1-2	1249002	0.1	B122124 UCOR spike mix
	1240035	0.05	Ag 2ppm
	1237005	0.3	Sb 1ppm

Spike Witness Initials/Date: N/A

ike pike ID: 49003

Bottle Lot: 12-192 SRM-Matrix-ID: SRM1-SLEW3-1238007 HNO_3 ID: 1237104

$NaBH_4$ ID: 1231009 NH_4OH ID: 1246029 Filter Lot #: 332936

H_2O_2 ID: 1217017 Fe/Pd/La/Te ID: 1243001 Final Dilution Vol.: 10mL

Target Digestion Temps/Times: **120 °C for 5 minutes x 2** then **150 °C for 15-20 minutes**

Digestion Temperatures*/Times: HB-01: C: 120°C M: 120°C 1630/1635 then C: 120°C M: 120°C 1254/1730 then C: 150°C M: 150°C 1925/1940

Thermometer ID: TM-02

*** Both measured and corrected temperatures must be recorded.**

Comments: Full QC sets not performed for B122120 QC set 4 in order to conserve sample for future re-preps.

* Samples prepped at 5x dilution, as per project notes. †: prepped @ 10x dln, as per PM. Samples prepped at a dilution brought up to 200mL w/ 0.2% HNO_3.

O: New work order created for Native SW (numbers reached LIMS capacity). 0944029-99 used in B122120, 1249001-01 used in B122242.

NOTE: All samples have been adjusted to a pH of 9 prior to filtration as described in BRL SOP BR-0066 and verified by pH paper.

Any sample requiring more or less adjustment than described in the SOP has been noted with a full description of how it

Trace Metals Method BR-0066 Rev_002_ (ICP-MS)
Sea Water Sample Preparation by Reductive Co-Precipitation

Batch #(s): B122120, 2242, 2319 Balance ID: BL-02

Filtration Date: 12/4/12 Preparation Date / Time*: 12/2/12

Filtered By: CLE Prepared By: CLE

* Time is when the first reagents are added.

	#	Sample ID	Sample Volume (mL)
*	33	1245020-03	40.01/200.39
*	34	B122120 DUP3	40.06/200.69
*	35	B122120 MS3	40.68/200.00
*	36	B122120 MSD3	40.02/200.03
*	37	1245020-07	40.23/200.27
*	38	1245020-11	40.74/200.72
*	39	1245020-15	40.22/200.99
*	40	1247011-03	40.59/200.77
	41	1248034-01	200.76
	42	B122120 DUP4	200.45
	43	B122120 MS4	200.66
	44	1248034-02	200.73
	45	1248034-03	200.23
	46	1248034-04	200.10
	47	1248034-05	200.61
	48	1248034-06	200.55
	49	1248034-07	200.15
	50	1248034-08	200.58
	51	1248034-09	200.72
	52	B122242 BS1	200.59
†	53	B122242 MS3	20.06/200.18
†	54	1248018-01	20.00/200.35
†	55	1248018-02	20.21/200.35

#	Sample ID	Sample Volume (mL)
56	1248018-03	20.05/200.01
57	1248018-04	20.41/200.60
58	B122242 DUP1	20.30/200.80
59	B122242 MS1	20.42/200.39
60	B122242 MSD1	20.19/200.14
61	1248018-05	20.30/200.10
62	1248018-06	20.20/200.06
63	1248018-07	20.02/200.03
64	B222242 DUP2	20.66/200.08
65	B222242 MS2	20.41/200.20
66	B222242 MSD2	20.29/200.89
67	1248018-08	20.33/200.31
68	1248018-09	20.23/200.15
69	1248018-10	20.32/200.99
70	1248018-11	20.81/200.06
71	1248018-12	20.41/200.10
72		
73		
74		
75		
76		
77		
78		

O

~~* BS1, MS3 potentially spiked w/ 0.6mL Sb 1ppm.~~ CE 12/2/12

* samples digested on HB-01. Therm. ID: TM-03.

Digestion temp/times: i: 121°C M: 123°C 1740/1745 then i: 121°C M: 120°C 1800/1805 then i: 148°C M: 150°C 1814/1900

O: Filter lot: 320261

B122120, 2242
RP

B122120
USA/UDE
Samples spiked: BS1, MS1-S, MSD1-3

Element	Conc. (µg/L)	spike conc w/ **0.1mL spike vol** and **200mL sample**	mL from stock into **10mL tube**	ppm	LIMS ID
As	10.000	20.000	0.2000	1000	1148020
Be	0.250	0.500	0.5000	**10**	1240023
Cd	0.120	0.240	0.2400	**10**	1240025
Cr	5.000	10.000	0.1000	1000	1226011
Cu	1.200	2.400	0.2400	**100**	1227010
Ni	1.400	2.800	0.2800	**100**	1240028
Pb	0.130	0.260	0.2600	**10**	1227019
Se	2.500	5.000	0.5000	**100**	1245089
Tl	0.100	0.200	0.2000	**10**	1240031
Zn	7.500	15.000	0.1500	1000	1226028

Spike mix ID: 1249001

Add 7.33mL 2% HNO3

Element	Conc. (µg/L)	vol to spike directly to **200mL sample**	ppm	LIMS ID
Ag	0.500	0.0500	2	1240035

B122242
UCOR – Reviewed. mlb 11.30.12
Samples spiked: MS1-3, BS1, MSD1-2

Element	Conc. (µg/L)	spike conc w/ **0.1mL spike vol** and **20mL sample** (mg/L)	mL from stock into **10mL tube**	ppm	LIMS ID
As	25.000	5.000	0.0500	1000	1148020
Be	5.000	1.000	0.1000	**100**	1240022
Cr	25.000	5.000	0.0500	1000	1226011
Se	30.000	6.000	0.0600	1000	1148021
Tl	5.000	1.000	0.1000	**100**	1240030

spike mix ID: 1249002

Add 9.64mL 2% HNO3

Element	Conc. (µg/L)	vol to spike directly to **20mL sample**	ppm	LIMS ID
Ag	5.000	0.0500 mL	2	~~1245005~~ 1240035
Sb	15.000	0.3000 mL	1	1237005

Fake spike ID: 1249003

B122242 ~~BS1, MS2, potentially spike 1 ml/0.6mL Sb 1 ppm.~~

Sample Information

Report Title: QUANTITATIVE ANALYSIS REPORT
Batch ID:
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\rinse.024
Tuning File: C:\Elandata\Tuning\Default.tun
Optimization File: C:\Elandata\Optimize\Default.dac
Blank File:
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Calibration Type: External Calibration

Calibration

	Analyte	Mass	Curve Type	Slope	Intercept	Correlation Coefficient	Std 1 Conc
	Be	9	Weighted Linear	0.001	0.000	0.998535	0.050000
>	Sc	45	Weighted Linear				
	Cr	52	Weighted Linear	0.006	0.000	0.999464	0.150000
	Cr	53	Weighted Linear	0.001	0.001	0.961620	0.150000
	Cu	65	Weighted Linear	0.002	-0.000	0.999486	0.100000
	Cu	63	Weighted Linear	0.005	-0.000	0.999328	0.100000
>	Ge	74	Weighted Linear				
	As	75	Weighted Linear	0.001	0.000	0.997112	0.200000
	As-1	75	Weighted Linear	0.001	-0.000	0.994724	0.200000
	Se	77	Weighted Linear	0.000	-0.000	0.813371	0.200000
	Se	82	Weighted Linear	0.000	-0.000	0.999737	0.200000
	Ag	107	Weighted Linear	0.003	-0.000	0.999855	0.020000
	Ag	109	Weighted Linear	0.003	-0.000	0.999417	0.020000
	Cd	111	Weighted Linear	0.001	0.000	0.970622	0.010000
	Cd	114	Weighted Linear	0.002	-0.000	0.996625	0.010000
>	In	115	Weighted Linear				
	Sb	121	Weighted Linear	0.002	0.000	0.999709	0.020000
>	Tm	169	Weighted Linear				
	Tl	205	Weighted Linear	0.009	0.000	0.999870	0.010000
	Pb	208	Weighted Linear	0.012	0.000	0.999247	0.025000
	C	13	Weighted Linear				

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:15:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
[	Be	9		15	6	39.8			ug/L
>	Sc	45		719009	10564	1.5			ug/L
	Cr	52		3658	23	0.6			ug/L
]	Cr	53		21604	311	1.4			ug/L
[	Cu	65		36	4	11.3			ug/L
	Cu	63		38	2	4.6			ug/L
>	Ge	74		540384	11427	2.1			ug/L
	As	75		-96	296	309.5			ug/L
]	As-1	75		2889	287	9.9			ug/L
[	Se	77		1993	70	3.5			ug/L
	Se	82		13	10	74.2			ug/L
	Ag	107		23	4	16.7			ug/L
	Ag	109		21	6	29.0			ug/L
	Cd	111		11	4	35.7			ug/L
	Cd	114		28	12	40.9			ug/L
>	In	115		1151262	24761	2.2			ug/L
]	Sb	121		56	6	10.9			ug/L
[>	Tm	169		804781	23232	2.9			ug/L
	Tl	205		6	1	10.2			ug/L
]	Pb	208		72	3	4.8			ug/L
	C	13		20307	102	0.5			ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
[	Be	9	
>	Sc	45	
	Cr	52	
]	Cr	53	
[	Cu	65	
	Cu	63	
>	Ge	74	
	As	75	
]	As-1	75	
[	Se	77	
	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL1
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:17:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 2

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL1.026
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	46	13	27.4	0.000040	**0.0525**	ug/L
>	Sc	45	719009	739499	7543	1.0	739498.544219		ug/L
|	Cr	52	3658	4571	66	1.4	0.001094	**0.1496**	ug/L
⌊	Cr	53	21604	22650	690	3.0	0.000590	**0.1047**	ug/L
⌈	Cu	65	36	146	15	10.5	0.000196	**0.0988**	ug/L
|	Cu	63	38	290	10	3.3	0.000449	**0.0983**	ug/L
>	Ge	74	540384	558294	1222	0.2	558293.721579		ug/L
|	As	75	-96	134	165	123.0	0.000417	**0.2156**	ug/L
⌊	As-1	75	2889	2981	139	4.7	-0.000006	**0.1806**	ug/L
⌈	Se	77	1993	2059	24	1.2	-0.000003	**0.0517**	ug/L
|	Se	82	13	28	4	12.6	0.000012	**0.4112**	ug/L
|	Ag	107	23	91	5	5.0	0.000057	**0.0198**	ug/L
|	Ag	109	21	93	11	11.4	0.000060	**0.0197**	ug/L
|	Cd	111	11	22	5	20.2	0.000009	**0.0126**	ug/L
|	Cd	114	28	46	3	7.0	0.000014	**0.0108**	ug/L
>	In	115	1151262	1191171	2905	0.2	1191170.777715		ug/L
⌊	Sb	121	56	106	15	14.3	0.000040	**0.0199**	ug/L
⌈ >	Tm	169	804781	835911	1225	0.1	835911.290390		ug/L
|	Tl	205	6	86	7	8.4	0.000096	**0.0100**	ug/L
⌊	Pb	208	72	360	16	4.5	0.000341	**0.0256**	ug/L
	C	13	20307	19693	243	1.2	-613.679443		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL2
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:20:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 3

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL2.027
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	64	5	7.4	0.000067	**0.0908**	ug/L
>	Sc	45	719009	720059	9506	1.3	720058.954584		ug/L
	Cr	52	3658	5061	164	3.2	0.001939	**0.3011**	ug/L
	Cr	53	21604	22253	676	3.0	0.000859	**0.4760**	ug/L
	Cu	65	36	272	31	11.3	0.000437	**0.2042**	ug/L
	Cu	63	38	557	14	2.6	0.000961	**0.2067**	ug/L
>	Ge	74	540384	540134	10844	2.0	540134.332376		ug/L
	As	75	-96	212	211	99.2	0.000565	**0.3384**	ug/L
	As-1	75	2889	3084	190	6.2	0.000360	**0.4836**	ug/L
	Se	77	1993	2024	42	2.1	0.000041	**1.0124**	ug/L
	Se	82	13	26	5	19.2	0.000011	**0.3963**	ug/L
	Ag	107	23	162	7	4.5	0.000122	**0.0408**	ug/L
	Ag	109	21	165	4	2.6	0.000126	**0.0414**	ug/L
	Cd	111	11	19	1	5.3	0.000007	**0.0094**	ug/L
	Cd	114	28	55	8	14.5	0.000023	**0.0169**	ug/L
>	In	115	1151262	1142204	19694	1.7	1142203.877751		ug/L
	Sb	121	56	146	4	2.5	0.000079	**0.0402**	ug/L
>	Tm	169	804781	795464	16510	2.1	795463.973947		ug/L
	Tl	205	6	152	3	1.9	0.000185	**0.0198**	ug/L
	Pb	208	72	552	23	4.2	0.000605	**0.0473**	ug/L
	C	13	20307	19979	284	1.4	-327.722372		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL3
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:22:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 4

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL3.028
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	261	2	0.8	0.000334	**0.4715**	ug/L
>	Sc	45	719009	734984	5606	0.8	734984.063402		ug/L
	Cr	52	3658	10108	154	1.5	0.008664	**1.5077**	ug/L
	Cr	53	21604	23336	682	2.9	0.001702	**1.6431**	ug/L
	Cu	65	36	1290	7	0.5	0.002265	**1.0022**	ug/L
	Cu	63	38	2628	24	0.9	0.004676	**0.9932**	ug/L
>	Ge	74	540384	553768	10425	1.9	553767.686915		ug/L
	As	75	-96	1304	118	9.1	0.002529	**1.9675**	ug/L
	As-1	75	2889	4114	90	2.2	0.002084	**1.9109**	ug/L
	Se	77	1993	2118	44	2.1	0.000068	**1.6088**	ug/L
	Se	82	13	131	8	6.4	0.000100	**2.0979**	ug/L
	Ag	107	23	748	75	10.0	0.000615	**0.1995**	ug/L
	Ag	109	21	713	42	5.8	0.000587	**0.1907**	ug/L
	Cd	111	11	93	6	6.5	0.000069	**0.1032**	ug/L
	Cd	114	28	198	28	14.2	0.000143	**0.0942**	ug/L
>	In	115	1151262	1177791	17627	1.5	1177791.395198		ug/L
	Sb	121	56	509	15	2.9	0.000384	**0.1995**	ug/L
>	Tm	169	804781	826567	12509	1.5	826567.079078		ug/L
	Tl	205	6	755	15	1.9	0.000906	**0.0998**	ug/L
	Pb	208	72	2711	48	1.8	0.003190	**0.2606**	ug/L
	C	13	20307	19781	265	1.3	-525.821919		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL4
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:24:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL4.029
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	549	26	4.8	0.000712	**1.0100**	ug/L
>	Sc	45	719009	748755	5998	0.8	748755.115208		ug/L
	Cr	52	3658	58297	450	0.8	0.072776	**13.0100**	ug/L
	Cr	53	21604	29553	668	2.3	0.009427	**12.3366**	ug/L
	Cu	65	36	6732	42	0.6	0.011911	**5.2144**	ug/L
	Cu	63	38	13790	45	0.3	0.024464	**5.1825**	ug/L
>	Ge	74	540384	562113	5385	1.0	562112.873729		ug/L
	As	75	-96	3334	146	4.4	0.006111	**4.9385**	ug/L
	As-1	75	2889	6006	150	2.5	0.005341	**4.6076**	ug/L
	Se	77	1993	2564	47	1.8	0.000401	**8.9528**	ug/L
	Se	82	13	628	10	1.6	0.000511	**9.9782**	ug/L
	Ag	107	23	3809	23	0.6	0.003148	**1.0149**	ug/L
	Ag	109	21	3887	89	2.3	0.003214	**1.0418**	ug/L
	Cd	111	11	416	9	2.3	0.000336	**0.5071**	ug/L
	Cd	114	28	1003	25	2.5	0.000810	**0.5231**	ug/L
>	In	115	1151262	1202540	5357	0.4	1202540.054755		ug/L
	Sb	121	56	2425	12	0.5	0.001968	**1.0284**	ug/L
>	Tm	169	804781	845027	1824	0.2	845027.086262		ug/L
	Tl	205	6	1970	84	4.3	0.002324	**0.2571**	ug/L
	Pb	208	72	26552	151	0.6	0.031332	**2.5819**	ug/L
	C	13	20307	19590	241	1.2	-717.236185		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL5
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:26:44
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL5.030
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	1086	12	1.1	0.001432	**2.0365**	ug/L
>	Sc	45	719009	746890	1611	0.2	746889.541935		ug/L
|	Cr	52	3658	111653	477	0.4	0.144402	**25.8606**	ug/L
⌊	Cr	53	21604	35742	392	1.1	0.017807	**23.9355**	ug/L
⌈	Cu	65	36	13210	154	1.2	0.023472	**10.2625**	ug/L
|	Cu	63	38	27552	245	0.9	0.049024	**10.3823**	ug/L
>	Ge	74	540384	561210	1891	0.3	561209.706016		ug/L
|	As	75	-96	7079	289	4.1	0.012791	**10.4797**	ug/L
⌊	As-1	75	2889	9777	218	2.2	0.012076	**10.1832**	ug/L
⌈	Se	77	1993	3020	68	2.3	0.000792	**17.5554**	ug/L
|	Se	82	13	1237	49	4.0	0.001022	**19.7760**	ug/L
|	Ag	107	23	7565	171	2.3	0.006299	**2.0295**	ug/L
|	Ag	109	21	7588	95	1.3	0.006320	**2.0479**	ug/L
|	Cd	111	11	867	25	2.9	0.000715	**1.0782**	ug/L
|	Cd	114	28	1986	58	2.9	0.001635	**1.0542**	ug/L
>	In	115	1151262	1197230	2928	0.2	1197230.370866		ug/L
⌊	Sb	121	56	4750	14	0.3	0.003919	**2.0488**	ug/L
⌈ >	Tm	169	804781	845053	3739	0.4	845052.647218		ug/L
|	Tl	205	6	3864	71	1.8	0.004566	**0.5058**	ug/L
⌊	Pb	208	72	52360	166	0.3	0.061872	**5.1010**	ug/L
	C	13	20307	19344	89	0.5	-962.762936		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL6
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:28:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL6.031
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	2144	79	3.7	0.002903	**4.1332**	ug/L
>	Sc	45	719009	732922	8397	1.1	732922.454292		ug/L
	Cr	52	3658	512720	6875	1.3	0.694457	**124.5467**	ug/L
	Cr	53	21604	82068	37	0.0	0.081936	**112.7017**	ug/L
	Cu	65	36	62008	362	0.6	0.113696	**49.6604**	ug/L
	Cu	63	38	128318	1641	1.3	0.235335	**49.8272**	ug/L
>	Ge	74	540384	545089	5957	1.1	545088.546788		ug/L
	As	75	-96	33291	527	1.6	0.061250	**50.6776**	ug/L
	As-1	75	2889	35483	654	1.8	0.059747	**49.6534**	ug/L
	Se	77	1993	3843	61	1.6	0.001586	**35.0673**	ug/L
	Se	82	13	2403	31	1.3	0.002062	**39.7175**	ug/L
	Ag	107	23	35845	144	0.4	0.030918	**9.9553**	ug/L
	Ag	109	21	35875	420	1.2	0.030944	**10.0255**	ug/L
	Cd	111	11	4055	27	0.7	0.003490	**5.2695**	ug/L
	Cd	114	28	9216	174	1.9	0.007929	**5.1069**	ug/L
>	In	115	1151262	1158662	8090	0.7	1158661.848467		ug/L
	Sb	121	56	8990	49	0.5	0.007711	**4.0324**	ug/L
>	Tm	169	804781	827738	9298	1.1	827737.835813		ug/L
	Tl	205	6	18591	137	0.7	0.022454	**2.4900**	ug/L
	Pb	208	72	100534	1009	1.0	0.121368	**10.0086**	ug/L
	C	13	20307	19143	231	1.2	-1163.518898		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL7
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:31:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 8

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL7.032
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	5159	36	0.7	0.007223	**10.2900**	ug/L
>	Sc	45	719009	712219	5455	0.8	712219.049289		ug/L
|	Cr	52	3658	972666	6736	0.7	1.360601	**244.0605**	ug/L
⌊	Cr	53	21604	136470	672	0.5	0.161569	**222.9276**	ug/L
⌈	Cu	65	36	117905	185	0.2	0.222774	**97.2913**	ug/L
|	Cu	63	38	243163	880	0.4	0.459510	**97.2883**	ug/L
>	Ge	74	540384	529114	2987	0.6	529114.454842		ug/L
|	As	75	-96	65382	307	0.5	0.123747	**102.5197**	ug/L
⌊	As-1	75	2889	66774	332	0.5	0.120855	**100.2483**	ug/L
⌈	Se	77	1993	6343	90	1.4	0.003905	**86.1736**	ug/L
|	Se	82	13	5830	30	0.5	0.005168	**99.2677**	ug/L
|	Ag	107	23	69343	160	0.2	0.061589	**19.8297**	ug/L
|	Ag	109	21	68632	728	1.1	0.060959	**19.7497**	ug/L
|	Cd	111	11	7848	81	1.0	0.006962	**10.5126**	ug/L
|	Cd	114	28	17655	264	1.5	0.015660	**10.0841**	ug/L
>	In	115	1151262	1125564	6635	0.6	1125563.747342		ug/L
⌊	Sb	121	56	20810	68	0.3	0.018440	**9.6452**	ug/L
⌈ >	Tm	169	804781	812607	4020	0.5	812606.568387		ug/L
|	Tl	205	6	36252	430	1.2	0.044607	**4.9472**	ug/L
⌊	Pb	208	72	240860	1014	0.4	0.296317	**24.4395**	ug/L
	C	13	20307	18702	275	1.5	-1604.768457		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL8
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:33:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 9

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CAL8.033
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	9840	56	0.6	0.014157	**20.1722**	ug/L
>	Sc	45	719009	694068	7759	1.1	694068.267041		ug/L
|	Cr	52	3658	1834299	19870	1.1	2.637747	**473.1949**	ug/L
⌊	Cr	53	21604	242464	1879	0.8	0.319305	**441.2633**	ug/L
⌈	Cu	65	36	222662	1819	0.8	0.436632	**190.6761**	ug/L
|	Cu	63	38	455761	3285	0.7	0.893801	**189.2344**	ug/L
>	Ge	74	540384	509884	5160	1.0	509883.825323		ug/L
|	As	75	-96	125110	1262	1.0	0.245547	**203.5542**	ug/L
⌊	As-1	75	2889	125461	1465	1.2	0.240710	**199.4832**	ug/L
⌈	Se	77	1993	10596	41	0.4	0.008115	**178.9514**	ug/L
|	Se	82	13	11096	113	1.0	0.010298	**197.6357**	ug/L
|	Ag	107	23	130430	1280	1.0	0.121166	**39.0103**	ug/L
|	Ag	109	21	128935	1094	0.8	0.119780	**38.8062**	ug/L
|	Cd	111	11	14826	242	1.6	0.013765	**20.7847**	ug/L
|	Cd	114	28	33510	443	1.3	0.031110	**20.0313**	ug/L
>	In	115	1151262	1076264	5970	0.6	1076263.892708		ug/L
⌊	Sb	121	56	40164	267	0.7	0.037270	**19.4952**	ug/L
⌈ >	Tm	169	804781	787985	7087	0.9	787984.994192		ug/L
|	Tl	205	6	69732	491	0.7	0.088493	**9.8151**	ug/L
⌊	Pb	208	72	457465	623	0.1	0.580488	**47.8797**	ug/L
	C	13	20307	18329	138	0.8	-1978.196599		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107
	Ag	109
	Cd	111
	Cd	114
>	In	115
	Sb	121
>	Tm	169
	Tl	205
	Pb	208
	C	13

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB2
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:35:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB2.034
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	16	3	16.1	0.000001	**-0.0034**	ug/L
>	Sc	45	719009	699494	9919	1.4	699494.325857		ug/L
|	Cr	52	3658	3397	273	8.0	-0.000234	**-0.0888**	ug/L
⌊	Cr	53	21604	20904	1039	5.0	-0.000167	**-0.9436**	ug/L
⌈	Cu	65	36	41	4	9.2	0.000012	**0.0184**	ug/L
|	Cu	63	38	76	16	21.1	0.000073	**0.0186**	ug/L
>	Ge	74	540384	531053	8350	1.6	531052.763535		ug/L
|	As	75	-96	-40	127	318.4	0.000100	**-0.0474**	ug/L
⌊	As-1	75	2889	2725	156	5.7	-0.000215	**0.0069**	ug/L
⌈	Se	77	1993	1714	59	3.4	-0.000215	**-4.6398**	ug/L
|	Se	82	13	23	24	103.7	0.000009	**0.3498**	ug/L
|	Ag	107	23	159	55	34.4	0.000121	**0.0404**	ug/L
|	Ag	109	21	158	72	45.5	0.000121	**0.0397**	ug/L
|	Cd	111	11	10	3	31.6	-0.000001	**-0.0028**	ug/L
|	Cd	114	28	26	10	39.9	-0.000002	**0.0007**	ug/L
>	In	115	1151262	1131779	24456	2.2	1131778.648969		ug/L
⌊	Sb	121	56	1218	217	17.8	0.001027	**0.5363**	ug/L
⌈ >	Tm	169	804781	811886	19557	2.4	811885.684297		ug/L
|	Tl	205	6	12	6	47.2	0.000007	**0.0002**	ug/L
⌊	Pb	208	72	83	9	10.5	0.000013	**-0.0015**	ug/L
	C	13	20307	18521	163	0.9	-1785.806985		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	97.286
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	98.273
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.308
	Sb	121	
>	Tm	169	100.883
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:48:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICV1.035
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
[	Be	9	15	527	23	4.3	0.000696	**0.9875**	ug/L
>	Sc	45	719009	734228	8858	1.2	734227.652229		ug/L
	Cr	52	3658	52725	513	1.0	0.066724	**11.9242**	ug/L
]	Cr	53	21604	24293	844	3.5	0.003050	**3.5086**	ug/L
[	Cu	65	36	6021	56	0.9	0.010796	**4.7273**	ug/L
	Cu	63	38	12440	211	1.7	0.022372	**4.7396**	ug/L
>	Ge	74	540384	554315	5685	1.0	554315.373129		ug/L
	As	75	-96	3211	246	7.7	0.005971	**4.8230**	ug/L
]	As-1	75	2889	6015	305	5.1	0.005508	**4.7453**	ug/L
[	Se	77	1993	2122	53	2.5	0.000082	**1.9235**	ug/L
	Se	82	13	567	25	4.3	0.000473	**9.2511**	ug/L
	Ag	107	23	3781	30	0.8	0.003211	**1.0354**	ug/L
	Ag	109	21	3770	87	2.3	0.003203	**1.0382**	ug/L
	Cd	111	11	389	17	4.2	0.000322	**0.4859**	ug/L
	Cd	114	28	890	19	2.1	0.000736	**0.4758**	ug/L
>	In	115	1151262	1170131	6170	0.5	1170131.067214		ug/L
]	Sb	121	56	2289	64	2.8	0.001907	**0.9964**	ug/L
>	Tm	169	804781	819848	13250	1.6	819847.520996		ug/L
	Tl	205	6	1773	32	1.8	0.002155	**0.2384**	ug/L
]	Pb	208	72	24532	334	1.4	0.029834	**2.4583**	ug/L
	C	13	20307	19318	8	0.0	-989.152585		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
[	Be	9	
>	Sc	45	102.117
	Cr	52	
]	Cr	53	
[	Cu	65	
	Cu	63	
>	Ge	74	102.578
	As	75	
]	As-1	75	
[	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.639
	Sb	121	
>	Tm	169	101.872
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB3
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:55:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB3.036
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	16	2	13.3	-0.000000	**-0.0051**	ug/L
>	Sc	45	719009	738176	7620	1.0	738176.336398		ug/L
|	Cr	52	3658	3517	128	3.7	-0.000322	**-0.1045**	ug/L
⌊	Cr	53	21604	19431	1326	6.8	-0.003711	**-5.8493**	ug/L
⌈	Cu	65	36	35	7	20.0	-0.000003	**0.0120**	ug/L
|	Cu	63	38	36	6	17.7	-0.000005	**0.0022**	ug/L
>	Ge	74	540384	553768	7067	1.3	553768.073679		ug/L
|	As	75	-96	-113	181	160.3	-0.000027	**-0.1528**	ug/L
⌊	As-1	75	2889	2834	180	6.4	-0.000228	**-0.0033**	ug/L
⌈	Se	77	1993	1870	21	1.1	-0.000142	**-3.0119**	ug/L
|	Se	82	13	7	10	137.1	-0.000006	**0.0746**	ug/L
|	Ag	107	23	38	3	7.0	0.000013	**0.0056**	ug/L
|	Ag	109	21	39	7	17.6	0.000015	**0.0052**	ug/L
|	Cd	111	11	12	2	17.8	0.000000	**-0.0007**	ug/L
|	Cd	114	28	20	4	17.9	-0.000008	**-0.0032**	ug/L
>	In	115	1151262	1176889	13237	1.1	1176888.832643		ug/L
⌊	Sb	121	56	96	11	11.5	0.000033	**0.0159**	ug/L
⌈ >	Tm	169	804781	814840	1306	0.2	814840.387054		ug/L
|	Tl	205	6	7	2	31.2	0.000001	**-0.0005**	ug/L
⌊	Pb	208	72	71	6	8.3	-0.000003	**-0.0028**	ug/L
	C	13	20307	19430	218	1.1	-877.246071		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	102.666
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	102.477
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.226
	Sb	121	
>	Tm	169	101.250
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL1
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:57:25
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 101

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-IBL1.037
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	14	6	40.3	-0.000003	**-0.0088**	ug/L
>	Sc	45	719009	734496	7301	1.0	734495.565168		ug/L
|	Cr	52	3658	3560	53	1.5	-0.000241	**-0.0901**	ug/L
⌊	Cr	53	21604	20725	650	3.1	-0.001825	**-3.2381**	ug/L
⌈	Cu	65	36	34	2	4.4	-0.000004	**0.0115**	ug/L
|	Cu	63	38	44	9	20.8	0.000009	**0.0051**	ug/L
>	Ge	74	540384	552816	2282	0.4	552815.827539		ug/L
|	As	75	-96	-91	17	18.4	0.000012	**-0.1204**	ug/L
⌊	As-1	75	2889	2825	53	1.9	-0.000235	**-0.0097**	ug/L
⌈	Se	77	1993	1822	13	0.7	-0.000179	**-3.8467**	ug/L
|	Se	82	13	-4	20	451.5	-0.000015	**-0.1100**	ug/L
|	Ag	107	23	29	9	30.6	0.000005	**0.0031**	ug/L
|	Ag	109	21	38	1	2.6	0.000014	**0.0050**	ug/L
|	Cd	111	11	14	4	26.4	0.000002	**0.0027**	ug/L
|	Cd	114	28	22	2	9.3	-0.000006	**-0.0018**	ug/L
>	In	115	1151262	1174470	9981	0.8	1174469.598090		ug/L
⌊	Sb	121	56	74	4	5.5	0.000014	**0.0062**	ug/L
⌈ >	Tm	169	804781	815700	7532	0.9	815700.386417		ug/L
|	Tl	205	6	7	1	7.9	0.000002	**-0.0004**	ug/L
⌊	Pb	208	72	68	3	4.4	-0.000006	**-0.0031**	ug/L
	C	13	20307	20113	186	0.9	-194.096562		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	102.154
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	102.301
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.016
	Sb	121	
>	Tm	169	101.357
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL2
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 14:59:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 102

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-IBL2.038
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	7	41.7	0.000001	**-0.0036**	ug/L
>	Sc	45	719009	733132	5260	0.7	733131.624066		ug/L
	Cr	52	3658	3781	128	3.4	0.000070	**-0.0343**	ug/L
	Cr	53	21604	22558	525	2.3	0.000726	**0.2920**	ug/L
	Cu	65	36	30	3	10.3	-0.000012	**0.0078**	ug/L
	Cu	63	38	45	8	17.8	0.000011	**0.0055**	ug/L
>	Ge	74	540384	554473	1902	0.3	554472.930703		ug/L
	As	75	-96	-22	224	1026.1	0.000137	**-0.0165**	ug/L
	As-1	75	2889	2823	210	7.4	-0.000254	**-0.0249**	ug/L
	Se	77	1993	1915	67	3.5	-0.000097	**-2.0300**	ug/L
	Se	82	13	1	2	149.8	-0.000010	**-0.0170**	ug/L
	Ag	107	23	23	4	16.2	0.000000	**0.0016**	ug/L
	Ag	109	21	28	2	8.3	0.000005	**0.0022**	ug/L
	Cd	111	11	13	4	27.7	0.000001	**0.0010**	ug/L
	Cd	114	28	28	4	13.6	-0.000001	**0.0011**	ug/L
>	In	115	1151262	1172288	5515	0.5	1172287.624284		ug/L
	Sb	121	56	70	9	12.7	0.000011	**0.0046**	ug/L
>	Tm	169	804781	823027	9907	1.2	823027.324073		ug/L
	Tl	205	6	3	2	45.8	-0.000003	**-0.0010**	ug/L
	Pb	208	72	62	8	13.2	-0.000014	**-0.0037**	ug/L
	C	13	20307	20071	277	1.4	-235.519762		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	101.964
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	102.607
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.826
	Sb	121	
>	Tm	169	102.267
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL3
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:01:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 103

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-IBL3.039
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	13	3	19.9	-0.000004	**-0.0109**	ug/L
>	Sc	45	719009	739558	1154	0.2	739557.595987		ug/L
|	Cr	52	3658	3617	160	4.4	-0.000197	**-0.0822**	ug/L
⌊	Cr	53	21604	20857	175	0.8	-0.001845	**-3.2666**	ug/L
⌈	Cu	65	36	40	5	12.9	0.000006	**0.0157**	ug/L
|	Cu	63	38	55	9	15.6	0.000028	**0.0092**	ug/L
>	Ge	74	540384	553165	3685	0.7	553165.088654		ug/L
|	As	75	-96	27	136	507.0	0.000226	**0.0570**	ug/L
⌊	As-1	75	2889	2914	137	4.7	-0.000077	**0.1212**	ug/L
⌈	Se	77	1993	1701	39	2.3	-0.000290	**-6.2931**	ug/L
|	Se	82	13	-5	3	58.3	-0.000016	**-0.1208**	ug/L
|	Ag	107	23	20	11	54.8	-0.000003	**0.0007**	ug/L
|	Ag	109	21	21	6	28.3	-0.000000	**0.0004**	ug/L
|	Cd	111	11	42	3	7.3	0.000025	**0.0375**	ug/L
|	Cd	114	28	87	16	18.1	0.000049	**0.0333**	ug/L
>	In	115	1151262	1181439	12564	1.1	1181439.009716		ug/L
⌊	Sb	121	56	51	6	12.1	-0.000006	**-0.0042**	ug/L
>	Tm	169	804781	817609	6122	0.7	817608.990958		ug/L
|	Tl	205	6	7	3	45.8	0.000001	**-0.0005**	ug/L
⌊	Pb	208	72	72	10	13.6	-0.000002	**-0.0027**	ug/L
	C	13	20307	19804	325	1.6	-503.438647		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	102.858
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	102.365
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.621
	Sb	121	
>	Tm	169	101.594
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL4
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:04:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 104

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-IBL4.040
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	17	1	5.9	0.000002	**-0.0027**	ug/L
>	Sc	45	719009	742137	3308	0.4	742137.284145		ug/L
|	Cr	52	3658	3231	55	1.7	-0.000735	**-0.1786**	ug/L
⌊	Cr	53	21604	18100	256	1.4	-0.005657	**-8.5427**	ug/L
⌈	Cu	65	36	33	7	20.4	-0.000008	**0.0099**	ug/L
|	Cu	63	38	45	6	12.1	0.000011	**0.0055**	ug/L
>	Ge	74	540384	558851	2138	0.4	558850.521704		ug/L
|	As	75	-96	-21	220	1068.3	0.000139	**-0.0150**	ug/L
⌊	As-1	75	2889	2805	246	8.8	-0.000328	**-0.0860**	ug/L
⌈	Se	77	1993	1450	81	5.6	-0.000507	**-11.0598**	ug/L
|	Se	82	13	-5	10	195.5	-0.000016	**-0.1261**	ug/L
|	Ag	107	23	20	6	29.4	-0.000003	**0.0005**	ug/L
|	Ag	109	21	16	2	9.4	-0.000004	**-0.0010**	ug/L
|	Cd	111	11	12	2	17.8	-0.000000	**-0.0009**	ug/L
|	Cd	114	28	27	8	30.2	-0.000002	**0.0006**	ug/L
>	In	115	1151262	1184935	10303	0.9	1184935.291915		ug/L
⌊	Sb	121	56	47	6	11.8	-0.000009	**-0.0059**	ug/L
⌈ >	Tm	169	804781	823548	5699	0.7	823548.380878		ug/L
|	Tl	205	6	4	3	66.1	-0.000002	**-0.0009**	ug/L
⌊	Pb	208	72	65	9	13.7	-0.000010	**-0.0034**	ug/L
	C	13	20307	19945	108	0.5	-361.799607		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	103.217
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	103.417
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.925
	Sb	121	
>	Tm	169	102.332
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-SCV1
Sample Description: 5x
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:06:21
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 105

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-SCV1.041
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	1497	36	2.4	0.001990	**14.1568**	ug/L
>	Sc	45	719009	744461	4619	0.6	744460.532768		ug/L
|	Cr	52	3658	20492	293	1.4	0.022437	**19.8934**	ug/L
⌊	Cr	53	21604	20747	426	2.1	-0.002175	**-18.6191**	ug/L
⌈	Cu	65	36	5806	163	2.8	0.010345	**22.6531**	ug/L
|	Cu	63	38	12084	148	1.2	0.021600	**22.8808**	ug/L
>	Ge	74	540384	557612	3346	0.6	557611.705432		ug/L
|	As	75	-96	8012	148	1.8	0.014544	**59.6722**	ug/L
⌊	As-1	75	2889	10865	207	1.9	0.014139	**59.4603**	ug/L
⌈	Se	77	1993	1731	44	2.6	-0.000266	**-28.7989**	ug/L
|	Se	82	13	141	6	4.1	0.000108	**11.2680**	ug/L
|	Ag	107	23	796	21	2.6	0.000654	**1.0603**	ug/L
|	Ag	109	21	790	3	0.3	0.000651	**1.0560**	ug/L
|	Cd	111	11	1138	15	1.3	0.000953	**7.1949**	ug/L
|	Cd	114	28	2541	37	1.5	0.002125	**6.8510**	ug/L
>	In	115	1151262	1181776	7135	0.6	1181775.585871		ug/L
⌊	Sb	121	56	27370	232	0.8	0.023112	**60.4441**	ug/L
⌈ >	Tm	169	804781	834163	3492	0.4	834162.782523		ug/L
|	Tl	205	6	11378	176	1.5	0.013632	**7.5573**	ug/L
⌊	Pb	208	72	40860	70	0.2	0.048894	**20.1526**	ug/L
	C	13	20307	21961	156	0.7	1653.838539		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	103.540
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	103.188
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.650
	Sb	121	
>	Tm	169	103.651
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:15:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV1.042
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	539	20	3.6	0.000697	**0.9884**	ug/L
>	Sc	45	719009	750361	9609	1.3	750361.281780		ug/L
|	Cr	52	3658	58104	678	1.2	0.072347	**12.9331**	ug/L
⌊	Cr	53	21604	25474	1312	5.2	0.003909	**4.6975**	ug/L
⌈	Cu	65	36	6746	75	1.1	0.011956	**5.2340**	ug/L
|	Cu	63	38	13865	148	1.1	0.024640	**5.2199**	ug/L
>	Ge	74	540384	561091	4564	0.8	561090.591211		ug/L
|	As	75	-96	3494	119	3.4	0.006403	**5.1812**	ug/L
⌊	As-1	75	2889	6268	167	2.7	0.005826	**5.0092**	ug/L
⌈	Se	77	1993	2381	34	1.4	0.000262	**5.8723**	ug/L
|	Se	82	13	642	8	1.2	0.000525	**10.2571**	ug/L
|	Ag	107	23	3826	17	0.5	0.003182	**1.0260**	ug/L
|	Ag	109	21	3880	24	0.6	0.003229	**1.0466**	ug/L
|	Cd	111	11	417	35	8.3	0.000339	**0.5113**	ug/L
|	Cd	114	28	997	13	1.3	0.000810	**0.5231**	ug/L
>	In	115	1151262	1194992	11467	1.0	1194991.956289		ug/L
⌊	Sb	121	56	2475	44	1.8	0.002023	**1.0570**	ug/L
⌈ >	Tm	169	804781	820697	9046	1.1	820697.287645		ug/L
|	Tl	205	6	1957	44	2.3	0.002377	**0.2630**	ug/L
⌊	Pb	208	72	25834	168	0.6	0.031390	**2.5867**	ug/L
	C	13	20307	19596	296	1.5	-710.554066		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	104.361
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	103.832
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.798
	Sb	121	
>	Tm	169	101.978
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:18:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB1.043
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	5	28.3	0.000001	**-0.0039**	ug/L
>	Sc	45	719009	742254	6283	0.8	742253.841727		ug/L
	Cr	52	3658	3770	161	4.3	-0.000008	**-0.0482**	ug/L
	Cr	53	21604	21647	699	3.2	-0.000877	**-1.9266**	ug/L
	Cu	65	36	32	4	13.6	-0.000009	**0.0094**	ug/L
	Cu	63	38	39	4	11.2	-0.000001	**0.0031**	ug/L
>	Ge	74	540384	558810	1429	0.3	558810.414080		ug/L
	As	75	-96	40	250	619.6	0.000248	**0.0757**	ug/L
	As-1	75	2889	2939	168	5.7	-0.000087	**0.1130**	ug/L
	Se	77	1993	1858	45	2.4	-0.000169	**-3.6254**	ug/L
	Se	82	13	14	8	52.9	0.000000	**0.1919**	ug/L
	Ag	107	23	37	20	55.4	0.000011	**0.0051**	ug/L
	Ag	109	21	42	14	33.3	0.000017	**0.0059**	ug/L
	Cd	111	11	14	5	36.1	0.000002	**0.0016**	ug/L
	Cd	114	28	24	3	13.4	-0.000005	**-0.0011**	ug/L
>	In	115	1151262	1189932	4346	0.4	1189931.824594		ug/L
	Sb	121	56	69	6	8.2	0.000010	**0.0038**	ug/L
>	Tm	169	804781	817922	4865	0.6	817921.904005		ug/L
	Tl	205	6	4	2	43.3	-0.000002	**-0.0009**	ug/L
	Pb	208	72	71	1	1.6	-0.000003	**-0.0028**	ug/L
	C	13	20307	19154	203	1.1	-1152.830201		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.233
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	103.410
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.359
	Sb	121	
>	Tm	169	101.633
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-BLK1
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:20:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 125

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-BLK1.044
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	4	19.9	0.000006	**0.0172**	ug/L
>	Sc	45	719009	746634	4277	0.6	746633.949404		ug/L
	Cr	52	3658	2928	159	5.4	-0.001166	**-1.2799**	ug/L
	Cr	53	21604	4613	572	12.4	-0.023866	**-168.7352**	ug/L
	Cu	65	36	95	15	15.9	0.000101	**0.2859**	ug/L
	Cu	63	38	193	9	4.9	0.000268	**0.2994**	ug/L
>	Ge	74	540384	569864	1228	0.2	569863.534316		ug/L
	As	75	-96	44	68	154.7	0.000254	**0.4035**	ug/L
	As-1	75	2889	3075	138	4.5	0.000051	**1.1359**	ug/L
	Se	77	1993	113	9	8.2	-0.001635	**-179.5840**	ug/L
	Se	82	13	-3	16	549.8	-0.000014	**-0.4405**	ug/L
	Ag	107	23	573	20	3.5	0.000467	**0.7590**	ug/L
	Ag	109	21	370	10	2.8	0.000296	**0.4814**	ug/L
	Cd	111	11	57	2	2.7	0.000039	**0.2889**	ug/L
	Cd	114	28	28	8	29.6	-0.000001	**0.0060**	ug/L
>	In	115	1151262	1178051	7977	0.7	1178050.829080		ug/L
	Sb	121	56	188	14	7.6	0.000111	**0.2834**	ug/L
>	Tm	169	804781	783059	5065	0.6	783058.604190		ug/L
	Tl	205	6	12	2	17.8	0.000008	**0.0011**	ug/L
	Pb	208	72	119	1	1.0	0.000062	**0.0128**	ug/L
	C	13	20307	19526	92	0.5	-780.707666		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.842
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	105.455
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.327
	Sb	121	
>	Tm	169	97.301
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-BLK2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:22:38
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 126

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-BLK2.045
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	2	10.8	0.000004	**0.0037**	ug/L
>	Sc	45	719009	763318	3872	0.5	763317.976888		ug/L
	Cr	52	3658	2617	102	3.9	-0.001660	**-1.7229**	ug/L
	Cr	53	21604	3025	138	4.6	-0.026085	**-184.0938**	ug/L
	Cu	65	36	106	7	6.6	0.000116	**0.3198**	ug/L
	Cu	63	38	208	10	4.7	0.000287	**0.3200**	ug/L
>	Ge	74	540384	581656	1786	0.3	581656.439866		ug/L
	As	75	-96	4	61	1391.3	0.000184	**0.1123**	ug/L
	As-1	75	2889	3087	107	3.5	-0.000039	**0.7664**	ug/L
	Se	77	1993	86	10	11.8	-0.001659	**-182.2736**	ug/L
	Se	82	13	-7	12	171.9	-0.000017	**-0.7567**	ug/L
	Ag	107	23	529	29	5.5	0.000420	**0.6839**	ug/L
	Ag	109	21	358	13	3.5	0.000280	**0.4551**	ug/L
	Cd	111	11	64	15	23.1	0.000043	**0.3233**	ug/L
	Cd	114	28	29	9	30.7	-0.000000	**0.0081**	ug/L
>	In	115	1151262	1202137	1881	0.2	1202136.822315		ug/L
	Sb	121	56	198	10	4.9	0.000116	**0.2969**	ug/L
>	Tm	169	804781	792912	10451	1.3	792912.250115		ug/L
	Tl	205	6	12	6	46.8	0.000008	**0.0015**	ug/L
	Pb	208	72	133	14	10.4	0.000078	**0.0194**	ug/L
	C	13	20307	19976	175	0.9	-331.398939		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	106.163
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	107.638
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.419
	Sb	121	
>	Tm	169	98.525
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-BLK3
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:24:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 127

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-BLK3.046
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	2	12.5	0.000000	**-0.0212**	ug/L
>	Sc	45	719009	763632	1651	0.2	763631.687617		ug/L
	Cr	52	3658	2248	153	6.8	-0.002145	**-2.1583**	ug/L
	Cr	53	21604	2327	121	5.2	-0.027000	**-190.4246**	ug/L
	Cu	65	36	100	12	12.4	0.000106	**0.2984**	ug/L
	Cu	63	38	198	11	5.5	0.000269	**0.3011**	ug/L
>	Ge	74	540384	581901	941	0.2	581901.312568		ug/L
	As	75	-96	4	14	349.5	0.000184	**0.1115**	ug/L
	As-1	75	2889	3114	123	4.0	0.000007	**0.9538**	ug/L
	Se	77	1993	75	10	12.7	-0.001668	**-183.3138**	ug/L
	Se	82	13	3	20	584.6	-0.000009	**0.0677**	ug/L
	Ag	107	23	533	17	3.3	0.000424	**0.6899**	ug/L
	Ag	109	21	351	11	3.1	0.000274	**0.4454**	ug/L
	Cd	111	11	67	6	8.5	0.000046	**0.3404**	ug/L
	Cd	114	28	28	7	24.7	-0.000001	**0.0063**	ug/L
>	In	115	1151262	1201721	10239	0.9	1201721.285174		ug/L
	Sb	121	56	204	21	10.2	0.000121	**0.3118**	ug/L
>	Tm	169	804781	792284	4648	0.6	792284.035284		ug/L
	Tl	205	6	8	5	54.1	0.000003	**-0.0013**	ug/L
	Pb	208	72	135	6	4.5	0.000081	**0.0206**	ug/L
	C	13	20307	19926	82	0.4	-380.507407		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	106.206
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	107.683
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.383
	Sb	121	
>	Tm	169	98.447
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-BLK4
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:27:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 128

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-BLK4.047
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	6	31.4	0.000003	**-0.0009**	ug/L
>	Sc	45	719009	757252	4881	0.6	757252.462069		ug/L
	Cr	52	3658	1939	43	2.2	-0.002528	**-2.5016**	ug/L
	Cr	53	21604	2013	60	3.0	-0.027390	**-193.1242**	ug/L
	Cu	65	36	104	13	12.9	0.000115	**0.3162**	ug/L
	Cu	63	38	198	5	2.5	0.000273	**0.3048**	ug/L
>	Ge	74	540384	575921	1560	0.3	575920.981414		ug/L
	As	75	-96	20	61	302.8	0.000212	**0.2259**	ug/L
	As-1	75	2889	3080	94	3.1	0.000003	**0.9386**	ug/L
	Se	77	1993	68	13	19.3	-0.001674	**-183.9223**	ug/L
	Se	82	13	-9	18	190.7	-0.000019	**-0.9505**	ug/L
	Ag	107	23	528	27	5.2	0.000424	**0.6905**	ug/L
	Ag	109	21	342	19	5.6	0.000269	**0.4381**	ug/L
	Cd	111	11	61	18	29.4	0.000042	**0.3104**	ug/L
	Cd	114	28	31	3	9.2	0.000001	**0.0127**	ug/L
>	In	115	1151262	1190300	1167	0.1	1190300.160565		ug/L
	Sb	121	56	190	12	6.4	0.000111	**0.2844**	ug/L
>	Tm	169	804781	789565	5599	0.7	789565.409772		ug/L
	Tl	205	6	7	3	43.8	0.000002	**-0.0020**	ug/L
	Pb	208	72	133	4	2.7	0.000079	**0.0198**	ug/L
	C	13	20307	19951	167	0.8	-356.119899		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	105.319
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	106.576
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.391
	Sb	121	
>	Tm	169	98.109
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-BS1
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:29:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 129

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-BS1.048
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	344	16	4.6	0.000433	**3.0623**	ug/L
>	Sc	45	719009	756790	3279	0.4	756790.150948		ug/L
|	Cr	52	3658	81404	216	0.3	0.102479	**91.6952**	ug/L
⌊	Cr	53	21604	11133	72	0.7	-0.015336	**-109.7042**	ug/L
⌈	Cu	65	36	6322	94	1.5	0.010953	**23.9798**	ug/L
|	Cu	63	38	13024	74	0.6	0.022632	**23.9731**	ug/L
>	Ge	74	540384	573689	1668	0.3	573689.307690		ug/L
|	As	75	-96	12512	84	0.7	0.021987	**90.5402**	ug/L
⌊	As-1	75	2889	15394	137	0.9	0.021488	**89.8800**	ug/L
⌈	Se	77	1993	606	35	5.8	-0.001221	**-133.9822**	ug/L
|	Se	82	13	723	24	3.3	0.000597	**58.1899**	ug/L
|	Ag	107	23	8244	133	1.6	0.006922	**11.1501**	ug/L
|	Ag	109	21	8144	71	0.9	0.006839	**11.0802**	ug/L
|	Cd	111	11	454	29	6.4	0.000372	**2.8074**	ug/L
|	Cd	114	28	922	29	3.1	0.000751	**2.4282**	ug/L
>	In	115	1151262	1187672	6730	0.6	1187672.484420		ug/L
⌊	Sb	121	56	256	17	6.8	0.000167	**0.4308**	ug/L
>	Tm	169	804781	788628	2280	0.3	788628.222402		ug/L
|	Tl	205	6	10	4	36.3	0.000005	**-0.0003**	ug/L
⌊	Pb	208	72	5091	121	2.4	0.006366	**2.6128**	ug/L
	C	13	20307	20066	106	0.5	-240.867268		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	105.255
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	106.163
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.163
	Sb	121	
>	Tm	169	97.993
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-SRM1
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:31:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 130

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-SRM1.049
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	4	19.3	0.000005	**0.0094**	ug/L
>	Sc	45	719009	753192	3889	0.5	753192.111998		ug/L
	Cr	52	3658	26164	13	0.1	0.029650	**26.3634**	ug/L
	Cr	53	21604	4523	44	1.0	-0.024042	**-169.9556**	ug/L
	Cu	65	36	26989	71	0.3	0.047506	**103.7870**	ug/L
	Cu	63	38	55665	225	0.4	0.098046	**103.8050**	ug/L
>	Ge	74	540384	567348	3176	0.6	567347.540161		ug/L
	As	75	-96	3144	33	1.1	0.005718	**23.0629**	ug/L
	As-1	75	2889	6019	46	0.8	0.005264	**22.7175**	ug/L
	Se	77	1993	78	5	6.0	-0.001664	**-182.8200**	ug/L
	Se	82	13	40	6	15.3	0.000022	**3.0459**	ug/L
	Ag	107	23	3394	17	0.5	0.002876	**4.6377**	ug/L
	Ag	109	21	3231	21	0.7	0.002739	**4.4384**	ug/L
	Cd	111	11	397	4	1.0	0.000329	**2.4814**	ug/L
	Cd	114	28	799	29	3.6	0.000657	**2.1237**	ug/L
>	In	115	1151262	1171892	7415	0.6	1171891.890453		ug/L
	Sb	121	56	5444	82	1.5	0.004597	**12.0180**	ug/L
>	Tm	169	804781	782070	2018	0.3	782070.000935		ug/L
	Tl	205	6	350	10	2.8	0.000440	**0.2411**	ug/L
	Pb	208	72	320518	2062	0.6	0.409741	**168.9772**	ug/L
	C	13	20307	20026	159	0.8	-281.289076		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	104.754
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	104.990
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.792
	Sb	121	
>	Tm	169	97.178
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 0944029-98RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:34:02
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 131

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\0944029-98RE2.050
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	8	39.2	0.000005	**0.0076**	ug/L
>	Sc	45	719009	747527	7250	1.0	747526.817681		ug/L
	Cr	52	3658	3768	65	1.7	-0.000048	**-0.2768**	ug/L
	Cr	53	21604	1808	83	4.6	-0.027627	**-194.7697**	ug/L
	Cu	65	36	2123	77	3.6	0.003718	**8.1827**	ug/L
	Cu	63	38	4263	79	1.9	0.007527	**7.9835**	ug/L
>	Ge	74	540384	561138	3369	0.6	561137.720068		ug/L
	As	75	-96	3226	18	0.6	0.005927	**23.9303**	ug/L
	As-1	75	2889	6176	29	0.5	0.005662	**24.3643**	ug/L
	Se	77	1993	73	9	12.8	-0.001668	**-183.3008**	ug/L
	Se	82	13	25	19	74.2	0.000010	**1.9012**	ug/L
	Ag	107	23	485	21	4.4	0.000398	**0.6479**	ug/L
	Ag	109	21	319	16	5.0	0.000257	**0.4178**	ug/L
	Cd	111	11	266	16	5.8	0.000219	**1.6465**	ug/L
	Cd	114	28	468	17	3.6	0.000378	**1.2272**	ug/L
>	In	115	1151262	1162485	8067	0.7	1162484.844111		ug/L
	Sb	121	56	1209	27	2.2	0.000992	**2.5879**	ug/L
>	Tm	169	804781	779611	8773	1.1	779610.653998		ug/L
	Tl	205	6	325	21	6.3	0.000410	**0.2241**	ug/L
	Pb	208	72	520	2	0.3	0.000578	**0.2256**	ug/L
	C	13	20307	20117	85	0.4	-189.754638		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.966
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	103.841
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.975
	Sb	121	
>	Tm	169	96.872
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-MS4
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:36:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 132

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-MS4.051
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	573	33	5.8	0.000739	**5.2395**	ug/L
>	Sc	45	719009	754096	4833	0.6	754095.889509		ug/L
	Cr	52	3658	90246	640	0.7	0.114588	**102.5581**	ug/L
	Cr	53	21604	12025	154	1.3	-0.014101	**-101.1515**	ug/L
	Cu	65	36	7527	38	0.5	0.013273	**29.0445**	ug/L
	Cu	63	38	15455	86	0.6	0.027317	**28.9327**	ug/L
>	Ge	74	540384	564338	2364	0.4	564337.783731		ug/L
	As	75	-96	16910	203	1.2	0.030140	**124.3559**	ug/L
	As-1	75	2889	19586	308	1.6	0.029361	**122.4726**	ug/L
	Se	77	1993	703	18	2.6	-0.001132	**-124.1609**	ug/L
	Se	82	13	812	15	1.9	0.000680	**66.1402**	ug/L
	Ag	107	23	8422	44	0.5	0.007157	**11.5291**	ug/L
	Ag	109	21	8279	209	2.5	0.007037	**11.4015**	ug/L
	Cd	111	11	610	9	1.5	0.000510	**3.8486**	ug/L
	Cd	114	28	1255	25	2.0	0.001045	**3.3718**	ug/L
>	In	115	1151262	1173447	5160	0.4	1173446.733398		ug/L
	Sb	121	56	1264	36	2.8	0.001028	**2.6835**	ug/L
>	Tm	169	804781	783952	5218	0.7	783952.305203		ug/L
	Tl	205	6	352	26	7.4	0.000442	**0.2417**	ug/L
	Pb	208	72	5814	37	0.6	0.007327	**3.0092**	ug/L
	C	13	20307	20096	116	0.6	-210.800876		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	104.880
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	104.433
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.927
	Sb	121	
>	Tm	169	97.412
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-05RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:38:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 133

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-05RE2.052
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	5	25.5	0.000002	**-0.0105**	ug/L
>	Sc	45	719009	757200	1846	0.2	757200.023514		ug/L
	Cr	52	3658	1904	69	3.6	-0.002573	**-2.5422**	ug/L
	Cr	53	21604	1403	38	2.7	-0.028194	**-198.6902**	ug/L
	Cu	65	36	236	19	8.2	0.000343	**0.8147**	ug/L
	Cu	63	38	482	17	3.6	0.000767	**0.8274**	ug/L
>	Ge	74	540384	576364	3232	0.6	576364.048300		ug/L
	As	75	-96	11	33	304.2	0.000196	**0.1607**	ug/L
	As-1	75	2889	3143	52	1.7	0.000108	**1.3731**	ug/L
	Se	77	1993	63	10	15.3	-0.001679	**-184.4387**	ug/L
	Se	82	13	-6	6	96.4	-0.000017	**-0.7015**	ug/L
	Ag	107	23	552	32	5.8	0.000440	**0.7161**	ug/L
	Ag	109	21	371	11	3.0	0.000290	**0.4725**	ug/L
	Cd	111	11	63	6	9.6	0.000042	**0.3153**	ug/L
	Cd	114	28	29	8	28.1	-0.000000	**0.0085**	ug/L
>	In	115	1151262	1201115	5167	0.4	1201115.105939		ug/L
	Sb	121	56	188	19	10.2	0.000108	**0.2755**	ug/L
>	Tm	169	804781	791352	1077	0.1	791351.861958		ug/L
	Tl	205	6	8	2	25.0	0.000003	**-0.0013**	ug/L
	Pb	208	72	246	6	2.6	0.000222	**0.0787**	ug/L
	C	13	20307	20093	132	0.7	-213.807369		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	105.312
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	106.658
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.330
	Sb	121	
>	Tm	169	98.331
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-01RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:40:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 134

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-01RE2.053
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	4	19.0	0.000004	**0.0017**	ug/L
>	Sc	45	719009	760073	11403	1.5	760072.640114		ug/L
	Cr	52	3658	4908	47	1.0	0.001370	**0.9952**	ug/L
	Cr	53	21604	1666	16	1.0	-0.027855	**-196.3415**	ug/L
	Cu	65	36	6652	41	0.6	0.011642	**25.4837**	ug/L
	Cu	63	38	13805	395	2.9	0.024224	**25.6588**	ug/L
>	Ge	74	540384	568198	6628	1.2	568198.424604		ug/L
	As	75	-96	3746	37	1.0	0.006770	**27.4280**	ug/L
	As-1	75	2889	6748	29	0.4	0.006532	**27.9654**	ug/L
	Se	77	1993	71	7	9.9	-0.001671	**-183.5730**	ug/L
	Se	82	13	4	2	54.1	-0.000009	**0.0978**	ug/L
	Ag	107	23	530	22	4.1	0.000428	**0.6967**	ug/L
	Ag	109	21	358	13	3.5	0.000284	**0.4627**	ug/L
	Cd	111	11	197	21	10.5	0.000157	**1.1790**	ug/L
	Cd	114	28	353	16	4.4	0.000274	**0.8918**	ug/L
>	In	115	1151262	1182777	15576	1.3	1182777.327337		ug/L
	Sb	121	56	2487	40	1.6	0.002054	**5.3667**	ug/L
>	Tm	169	804781	783001	8571	1.1	783000.808487		ug/L
	Tl	205	6	267	11	4.1	0.000334	**0.1822**	ug/L
	Pb	208	72	376	10	2.8	0.000391	**0.1484**	ug/L
	C	13	20307	20421	247	1.2	114.257365		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	105.711
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	105.147
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.737
	Sb	121	
>	Tm	169	97.294
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:43:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV2.054
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	540	8	1.4	0.000706	**1.0009**	ug/L
>	Sc	45	719009	742786	7631	1.0	742786.063679		ug/L
	Cr	52	3658	57381	251	0.4	0.072167	**12.9008**	ug/L
	Cr	53	21604	23767	987	4.2	0.001960	**2.0003**	ug/L
	Cu	65	36	6749	105	1.6	0.012127	**5.3088**	ug/L
	Cu	63	38	13931	247	1.8	0.025097	**5.3167**	ug/L
>	Ge	74	540384	553519	6067	1.1	553518.784666		ug/L
	As	75	-96	3427	138	4.0	0.006370	**5.1536**	ug/L
	As-1	75	2889	6158	115	1.9	0.005781	**4.9718**	ug/L
	Se	77	1993	2304	24	1.1	0.000204	**4.6001**	ug/L
	Se	82	13	614	40	6.5	0.000504	**9.8400**	ug/L
	Ag	107	23	3812	103	2.7	0.003183	**1.0262**	ug/L
	Ag	109	21	3766	65	1.7	0.003144	**1.0191**	ug/L
	Cd	111	11	424	7	1.7	0.000346	**0.5220**	ug/L
	Cd	114	28	957	26	2.7	0.000779	**0.5034**	ug/L
>	In	115	1151262	1190791	13640	1.1	1190790.508971		ug/L
	Sb	121	56	2525	61	2.4	0.002072	**1.0825**	ug/L
>	Tm	169	804781	823342	12361	1.5	823341.723942		ug/L
	Tl	205	6	1928	43	2.2	0.002334	**0.2582**	ug/L
	Pb	208	72	25722	182	0.7	0.031154	**2.5672**	ug/L
	C	13	20307	18981	103	0.5	-1325.860338		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.307
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	102.431
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.434
	Sb	121	
>	Tm	169	102.306
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 15:45:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB2.055
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	3	18.2	0.000003	**-0.0004**	ug/L
>	Sc	45	719009	721020	8138	1.1	721019.680778		ug/L
	Cr	52	3658	3337	113	3.4	-0.000458	**-0.1290**	ug/L
	Cr	53	21604	19608	912	4.7	-0.002841	**-4.6451**	ug/L
	Cu	65	36	33	4	12.5	-0.000005	**0.0112**	ug/L
	Cu	63	38	49	5	10.4	0.000021	**0.0075**	ug/L
>	Ge	74	540384	542949	5683	1.0	542948.573047		ug/L
	As	75	-96	-154	160	103.9	-0.000104	**-0.2167**	ug/L
	As-1	75	2889	2649	182	6.9	-0.000463	**-0.1984**	ug/L
	Se	77	1993	1856	50	2.7	-0.000144	**-3.0662**	ug/L
	Se	82	13	11	10	98.0	-0.000002	**0.1363**	ug/L
	Ag	107	23	40	8	20.5	0.000014	**0.0061**	ug/L
	Ag	109	21	42	12	28.9	0.000018	**0.0062**	ug/L
	Cd	111	11	11	4	36.4	-0.000000	**-0.0015**	ug/L
	Cd	114	28	26	4	14.3	-0.000003	**0.0000**	ug/L
>	In	115	1151262	1169770	5753	0.5	1169769.898799		ug/L
	Sb	121	56	64	6	8.8	0.000006	**0.0021**	ug/L
>	Tm	169	804781	809804	2829	0.3	809804.384552		ug/L
	Tl	205	6	3	1	34.6	-0.000003	**-0.0010**	ug/L
	Pb	208	72	75	4	4.8	0.000003	**-0.0023**	ug/L
	C	13	20307	18491	113	0.6	-1815.534582		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	100.280
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	100.475
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.608
	Sb	121	
>	Tm	169	100.624
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-DUP1
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:47:36
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 135

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-DUP1.056
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	4	21.1	0.000005	**0.0106**	ug/L
>	Sc	45	719009	723099	1888	0.3	723099.484012		ug/L
	Cr	52	3658	31868	237	0.7	0.038983	**34.7360**	ug/L
	Cr	53	21604	7137	555	7.8	-0.020179	**-143.2167**	ug/L
	Cu	65	36	29554	161	0.5	0.053792	**117.5127**	ug/L
	Cu	63	38	60783	58	0.1	0.110699	**117.1996**	ug/L
>	Ge	74	540384	548736	883	0.2	548735.960223		ug/L
	As	75	-96	3370	82	2.4	0.006317	**25.5501**	ug/L
	As-1	75	2889	6229	19	0.3	0.006007	**25.7916**	ug/L
	Se	77	1993	103	4	3.9	-0.001640	**-180.2135**	ug/L
	Se	82	13	29	6	20.9	0.000014	**2.2797**	ug/L
	Ag	107	23	3186	24	0.8	0.002780	**4.4826**	ug/L
	Ag	109	21	2994	7	0.2	0.002613	**4.2354**	ug/L
	Cd	111	11	380	16	4.1	0.000324	**2.4405**	ug/L
	Cd	114	28	767	16	2.1	0.000649	**2.0991**	ug/L
>	In	115	1151262	1137962	7340	0.6	1137962.220548		ug/L
	Sb	121	56	5154	75	1.5	0.004481	**11.7144**	ug/L
>	Tm	169	804781	769783	3609	0.5	769783.448680		ug/L
	Tl	205	6	355	11	3.1	0.000455	**0.2489**	ug/L
	Pb	208	72	348992	2150	0.6	0.453276	**186.9326**	ug/L
	C	13	20307	18995	148	0.8	-1311.496633		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	100.569
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.546
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.845
	Sb	121	
>	Tm	169	95.651
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-MS1
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:49:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 136

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-MS1.057
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	531	7	1.4	0.000710	**5.0349**	ug/L
>	Sc	45	719009	725661	2263	0.3	725661.065484		ug/L
|	Cr	52	3658	116806	499	0.4	0.155876	**139.5958**	ug/L
⌊	Cr	53	21604	16112	287	1.8	-0.007845	**-57.8585**	ug/L
⌈	Cu	65	36	35144	442	1.3	0.064204	**140.2445**	ug/L
|	Cu	63	38	72023	181	0.3	0.131649	**139.3760**	ug/L
>	Ge	74	540384	546818	5378	1.0	546817.671999		ug/L
|	As	75	-96	14316	261	1.8	0.026356	**108.6626**	ug/L
⌊	As-1	75	2889	17064	118	0.7	0.025862	**107.9910**	ug/L
⌈	Se	77	1993	661	16	2.4	-0.001147	**-125.8215**	ug/L
|	Se	82	13	769	44	5.7	0.000668	**64.9064**	ug/L
|	Ag	107	23	10537	182	1.7	0.009290	**14.9624**	ug/L
|	Ag	109	21	10562	130	1.2	0.009314	**15.0891**	ug/L
|	Cd	111	11	649	15	2.3	0.000564	**4.2530**	ug/L
|	Cd	114	28	1357	42	3.1	0.001174	**3.7885**	ug/L
>	In	115	1151262	1131812	5185	0.5	1131811.573521		ug/L
⌊	Sb	121	56	5446	39	0.7	0.004763	**12.4523**	ug/L
>	Tm	169	804781	763137	3430	0.4	763137.272304		ug/L
|	Tl	205	6	370	11	3.0	0.000477	**0.2615**	ug/L
⌊	Pb	208	72	399869	2627	0.7	0.523889	**216.0553**	ug/L
	C	13	20307	19564	197	1.0	-742.624814		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	100.925
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	101.191
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.311
	Sb	121	
>	Tm	169	94.825
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-02RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:52:04
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 137

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-02RE2.058
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	2	10.2	0.000007	**0.0232**	ug/L
>	Sc	45	719009	724731	4055	0.6	724731.132616		ug/L
	Cr	52	3658	7279	14	0.2	0.004955	**4.2111**	ug/L
	Cr	53	21604	2625	97	3.7	-0.026424	**-186.4423**	ug/L
	Cu	65	36	14947	142	1.0	0.027165	**59.3762**	ug/L
	Cu	63	38	30889	62	0.2	0.056207	**59.5155**	ug/L
>	Ge	74	540384	548881	4400	0.8	548881.309377		ug/L
	As	75	-96	2117	42	2.0	0.004034	**16.0784**	ug/L
	As-1	75	2889	5018	115	2.3	0.003796	**16.6402**	ug/L
	Se	77	1993	78	9	11.4	-0.001663	**-182.6789**	ug/L
	Se	82	13	14	15	108.2	0.000000	**0.9420**	ug/L
	Ag	107	23	4243	98	2.3	0.003687	**5.9426**	ug/L
	Ag	109	21	4037	55	1.4	0.003508	**5.6854**	ug/L
	Cd	111	11	228	3	1.3	0.000189	**1.4231**	ug/L
	Cd	114	28	393	36	9.1	0.000319	**1.0355**	ug/L
>	In	115	1151262	1144659	5635	0.5	1144659.299060		ug/L
	Sb	121	56	8017	46	0.6	0.006955	**18.1862**	ug/L
>	Tm	169	804781	766737	1778	0.2	766737.133329		ug/L
	Tl	205	6	284	11	3.9	0.000363	**0.1983**	ug/L
	Pb	208	72	47816	286	0.6	0.062274	**25.6709**	ug/L
	C	13	20307	19386	111	0.6	-921.007309		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	100.796
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.573
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.427
	Sb	121	
>	Tm	169	95.273
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-03RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:54:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 138

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-03RE2.059
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	1	3.3	0.000003	**-0.0032**	ug/L
>	Sc	45	719009	725370	3621	0.5	725370.090344		ug/L
	Cr	52	3658	4998	111	2.2	0.001802	**1.3825**	ug/L
	Cr	53	21604	2101	70	3.3	-0.027152	**-191.4758**	ug/L
	Cu	65	36	49382	249	0.5	0.089854	**196.2473**	ug/L
	Cu	63	38	102555	320	0.3	0.186671	**197.6211**	ug/L
>	Ge	74	540384	549180	1771	0.3	549180.373778		ug/L
	As	75	-96	2433	50	2.1	0.004607	**18.4580**	ug/L
	As-1	75	2889	5346	104	2.0	0.004389	**19.0969**	ug/L
	Se	77	1993	66	17	25.2	-0.001673	**-183.8054**	ug/L
	Se	82	13	7	15	221.7	-0.000006	**0.3572**	ug/L
	Ag	107	23	2888	33	1.2	0.002503	**4.0362**	ug/L
	Ag	109	21	2731	7	0.3	0.002367	**3.8372**	ug/L
	Cd	111	11	918	37	4.0	0.000792	**5.9761**	ug/L
	Cd	114	28	2056	53	2.6	0.001771	**5.7105**	ug/L
>	In	115	1151262	1144912	3931	0.3	1144911.832230		ug/L
	Sb	121	56	4997	21	0.4	0.004316	**11.2835**	ug/L
>	Tm	169	804781	770653	3918	0.5	770653.469803		ug/L
	Tl	205	6	279	15	5.5	0.000355	**0.1937**	ug/L
	Pb	208	72	62557	507	0.8	0.081087	**33.4301**	ug/L
	C	13	20307	19334	84	0.4	-972.784253		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	100.885
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.628
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.448
	Sb	121	
>	Tm	169	95.759
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-04RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:56:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 139

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-04RE2.060
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	22	2	9.6	0.000009	**0.0365**	ug/L
>	Sc	45	719009	723860	5450	0.8	723860.465444		ug/L
	Cr	52	3658	13971	177	1.3	0.014212	**12.5152**	ug/L
	Cr	53	21604	2975	44	1.5	-0.025937	**-183.0691**	ug/L
	Cu	65	36	31736	101	0.3	0.058243	**127.2306**	ug/L
	Cu	63	38	65356	202	0.3	0.120008	**127.0532**	ug/L
>	Ge	74	540384	544290	3863	0.7	544290.436632		ug/L
	As	75	-96	2920	21	0.7	0.005541	**22.3300**	ug/L
	As-1	75	2889	5844	48	0.8	0.005392	**23.2475**	ug/L
	Se	77	1993	66	3	4.6	-0.001673	**-183.7695**	ug/L
	Se	82	13	20	5	25.5	0.000006	**1.4591**	ug/L
	Ag	107	23	1931	44	2.3	0.001675	**2.7046**	ug/L
	Ag	109	21	1775	29	1.6	0.001540	**2.4964**	ug/L
	Cd	111	11	297	7	2.4	0.000251	**1.8900**	ug/L
	Cd	114	28	552	33	6.0	0.000460	**1.4906**	ug/L
>	In	115	1151262	1139167	5577	0.5	1139167.005017		ug/L
	Sb	121	56	9718	128	1.3	0.008482	**22.1795**	ug/L
>	Tm	169	804781	761825	8177	1.1	761825.234983		ug/L
	Tl	205	6	251	31	12.2	0.000322	**0.1753**	ug/L
	Pb	208	72	161070	1592	1.0	0.211344	**87.1521**	ug/L
	C	13	20307	19523	218	1.1	-783.712672		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	100.675
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	100.723
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.949
	Sb	121	
>	Tm	169	94.662
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-06RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 15:58:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 140

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-06RE2.061
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	22	3	12.0	0.000009	**0.0378**	ug/L
>	Sc	45	719009	731180	5142	0.7	731180.088589		ug/L
	Cr	52	3658	22785	187	0.8	0.026074	**23.1562**	ug/L
	Cr	53	21604	3918	46	1.2	-0.024688	**-174.4263**	ug/L
	Cu	65	36	66931	163	0.2	0.122244	**266.9652**	ug/L
	Cu	63	38	137386	459	0.3	0.250988	**265.7052**	ug/L
>	Ge	74	540384	547237	2072	0.4	547236.628346		ug/L
	As	75	-96	3374	68	2.0	0.006343	**25.6579**	ug/L
	As-1	75	2889	6274	77	1.2	0.006120	**26.2630**	ug/L
	Se	77	1993	76	12	15.1	-0.001663	**-182.7665**	ug/L
	Se	82	13	33	9	26.5	0.000018	**2.5954**	ug/L
	Ag	107	23	8475	114	1.3	0.007458	**12.0123**	ug/L
	Ag	109	21	8291	85	1.0	0.007297	**11.8222**	ug/L
	Cd	111	11	466	11	2.4	0.000401	**3.0254**	ug/L
	Cd	114	28	993	22	2.2	0.000852	**2.7513**	ug/L
>	In	115	1151262	1133456	6565	0.6	1133456.314209		ug/L
	Sb	121	56	7832	120	1.5	0.006862	**17.9419**	ug/L
>	Tm	169	804781	769862	3423	0.4	769861.628846		ug/L
	Tl	205	6	497	35	7.0	0.000639	**0.3512**	ug/L
	Pb	208	72	1240349	2927	0.2	1.611070	**664.4433**	ug/L
	C	13	20307	19462	191	1.0	-844.509910		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	101.693
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.268
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.453
	Sb	121	
>	Tm	169	95.661
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-07RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:01:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 141

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-07RE2.062
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	6	35.2	0.000001	**-0.0147**	ug/L
>	Sc	45	719009	734058	3654	0.5	734057.588399		ug/L
	Cr	52	3658	4461	111	2.5	0.000989	**0.6535**	ug/L
	Cr	53	21604	1637	24	1.5	-0.027817	**-196.0843**	ug/L
	Cu	65	36	23965	223	0.9	0.043343	**94.6979**	ug/L
	Cu	63	38	49497	373	0.8	0.089586	**94.8494**	ug/L
>	Ge	74	540384	552080	1790	0.3	552080.003324		ug/L
	As	75	-96	1828	53	2.9	0.003488	**13.8161**	ug/L
	As-1	75	2889	4716	53	1.1	0.003196	**14.1569**	ug/L
	Se	77	1993	65	8	12.4	-0.001674	**-183.9688**	ug/L
	Se	82	13	22	8	34.8	0.000008	**1.6745**	ug/L
	Ag	107	23	3739	42	1.1	0.003244	**5.2288**	ug/L
	Ag	109	21	3533	34	1.0	0.003066	**4.9680**	ug/L
	Cd	111	11	316	7	2.1	0.000266	**2.0014**	ug/L
	Cd	114	28	609	13	2.1	0.000507	**1.6401**	ug/L
>	In	115	1151262	1145817	4224	0.4	1145816.634664		ug/L
	Sb	121	56	3776	146	3.9	0.003247	**8.4868**	ug/L
>	Tm	169	804781	768000	3614	0.5	768000.360661		ug/L
	Tl	205	6	179	8	4.2	0.000226	**0.1219**	ug/L
	Pb	208	72	91417	464	0.5	0.118944	**49.0434**	ug/L
	C	13	20307	19382	89	0.5	-925.350047		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	102.093
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	102.164
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.527
	Sb	121	
>	Tm	169	95.430
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-61RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:03:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 142

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-61RE2.063
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	3	15.1	0.000001	**-0.0169**	ug/L
>	Sc	45	719009	743126	1676	0.2	743126.464237		ug/L
	Cr	52	3658	2318	60	2.6	-0.001969	**-2.0000**	ug/L
	Cr	53	21604	1320	9	0.7	-0.028271	**-199.2249**	ug/L
	Cu	65	36	319	14	4.4	0.000507	**1.1725**	ug/L
	Cu	63	38	608	38	6.3	0.001020	**1.0959**	ug/L
>	Ge	74	540384	557477	1734	0.3	557476.505822		ug/L
	As	75	-96	1496	38	2.6	0.002861	**11.2145**	ug/L
	As-1	75	2889	4428	40	0.9	0.002597	**11.6782**	ug/L
	Se	77	1993	68	8	11.9	-0.001672	**-183.6975**	ug/L
	Se	82	13	16	11	69.6	0.000003	**1.1537**	ug/L
	Ag	107	23	357	11	3.0	0.000288	**0.4712**	ug/L
	Ag	109	21	234	10	4.4	0.000184	**0.2998**	ug/L
	Cd	111	11	45	8	17.0	0.000029	**0.2121**	ug/L
	Cd	114	28	25	5	20.0	-0.000003	**0.0004**	ug/L
>	In	115	1151262	1160400	2476	0.2	1160399.851500		ug/L
	Sb	121	56	855	27	3.2	0.000688	**1.7941**	ug/L
>	Tm	169	804781	779049	3110	0.4	779049.279652		ug/L
	Tl	205	6	11	4	32.8	0.000007	**0.0007**	ug/L
	Pb	208	72	862	57	6.6	0.001017	**0.4065**	ug/L
	C	13	20307	19319	17	0.1	-988.150451		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.354
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	103.163
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.794
	Sb	121	
>	Tm	169	96.803
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-DUP2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:05:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 143

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-DUP2.064
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	5	40.0	-0.000004	**-0.0525**	ug/L
>	Sc	45	719009	744713	4663	0.6	744712.660413		ug/L
	Cr	52	3658	2227	39	1.8	-0.002098	**-2.1159**	ug/L
	Cr	53	21604	1216	21	1.7	-0.028414	**-200.2127**	ug/L
	Cu	65	36	363	12	3.4	0.000580	**1.3331**	ug/L
	Cu	63	38	684	1	0.1	0.001149	**1.2320**	ug/L
>	Ge	74	540384	561105	2277	0.4	561104.912077		ug/L
	As	75	-96	1606	24	1.5	0.003039	**11.9546**	ug/L
	As-1	75	2889	4530	72	1.6	0.002727	**12.2152**	ug/L
	Se	77	1993	74	8	10.6	-0.001667	**-183.1714**	ug/L
	Se	82	13	11	12	108.7	-0.000002	**0.7335**	ug/L
	Ag	107	23	345	50	14.6	0.000277	**0.4532**	ug/L
	Ag	109	21	228	5	2.2	0.000178	**0.2909**	ug/L
	Cd	111	11	48	8	16.1	0.000032	**0.2354**	ug/L
	Cd	114	28	36	9	24.8	0.000006	**0.0295**	ug/L
>	In	115	1151262	1162379	1835	0.2	1162378.577638		ug/L
	Sb	121	56	1015	17	1.7	0.000825	**2.1516**	ug/L
>	Tm	169	804781	773065	2884	0.4	773064.624292		ug/L
	Tl	205	6	14	2	10.7	0.000011	**0.0032**	ug/L
	Pb	208	72	862	28	3.3	0.001025	**0.4100**	ug/L
	C	13	20307	19580	179	0.9	-726.924638		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.575
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	103.835
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.966
	Sb	121	
>	Tm	169	96.059
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-MS2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:07:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 144

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-MS2.065
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	508	15	2.9	0.000663	**4.6992**	ug/L
>	Sc	45	719009	742470	3765	0.5	742469.977181		ug/L
	Cr	52	3658	78606	555	0.7	0.100784	**90.1750**	ug/L
	Cr	53	21604	10286	72	0.7	-0.016194	**-115.6372**	ug/L
	Cu	65	36	3003	87	2.9	0.005312	**11.6645**	ug/L
	Cu	63	38	6095	21	0.3	0.010848	**11.4990**	ug/L
>	Ge	74	540384	558279	3602	0.6	558278.548818		ug/L
	As	75	-96	7910	86	1.1	0.014345	**58.8434**	ug/L
	As-1	75	2889	10735	169	1.6	0.013882	**58.3961**	ug/L
	Se	77	1993	529	32	6.1	-0.001273	**-139.7838**	ug/L
	Se	82	13	620	34	5.5	0.000525	**51.2603**	ug/L
	Ag	107	23	6994	93	1.3	0.006032	**9.7173**	ug/L
	Ag	109	21	6764	80	1.2	0.005834	**9.4530**	ug/L
	Cd	111	11	295	20	6.8	0.000245	**1.8486**	ug/L
	Cd	114	28	585	24	4.1	0.000481	**1.5590**	ug/L
>	In	115	1151262	1155710	4705	0.4	1155710.196037		ug/L
	Sb	121	56	776	18	2.4	0.000623	**1.6223**	ug/L
>	Tm	169	804781	771205	3820	0.5	771204.711357		ug/L
	Tl	205	6	1730	29	1.7	0.002237	**1.2374**	ug/L
	Pb	208	72	5611	123	2.2	0.007187	**2.9514**	ug/L
	C	13	20307	19368	161	0.8	-939.045193		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	103.263
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	103.312
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.386
	Sb	121	
>	Tm	169	95.828
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 16:10:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV3.066
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	557	47	8.3	0.000765	**1.0847**	ug/L
>	Sc	45	719009	708770	16205	2.3	708770.124226		ug/L
|	Cr	52	3658	54505	637	1.2	0.071826	**12.8396**	ug/L
⌊	Cr	53	21604	20553	1122	5.5	-0.001018	**-2.1212**	ug/L
⌈	Cu	65	36	6395	43	0.7	0.011934	**5.2245**	ug/L
|	Cu	63	38	13386	335	2.5	0.025047	**5.3060**	ug/L
>	Ge	74	540384	532944	4967	0.9	532943.556863		ug/L
|	As	75	-96	3195	244	7.6	0.006174	**4.9912**	ug/L
⌊	As-1	75	2889	5838	189	3.2	0.005611	**4.8312**	ug/L
⌈	Se	77	1993	2023	40	2.0	0.000049	**1.1977**	ug/L
|	Se	82	13	598	31	5.3	0.000515	**10.0567**	ug/L
|	Ag	107	23	3714	103	2.8	0.003248	**1.0472**	ug/L
|	Ag	109	21	3694	30	0.8	0.003234	**1.0482**	ug/L
|	Cd	111	11	422	11	2.7	0.000362	**0.5450**	ug/L
|	Cd	114	28	941	58	6.1	0.000803	**0.5189**	ug/L
>	In	115	1151262	1136414	27243	2.4	1136414.395882		ug/L
⌊	Sb	121	56	2426	31	1.3	0.002086	**1.0903**	ug/L
⌈ >	Tm	169	804781	795213	9370	1.2	795213.451869		ug/L
|	Tl	205	6	1837	29	1.6	0.002303	**0.2548**	ug/L
⌊	Pb	208	72	25039	356	1.4	0.031399	**2.5874**	ug/L
	C	13	20307	18132	252	1.4	-2175.256221		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	98.576
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	98.623
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.710
	Sb	121	
>	Tm	169	98.811
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 16:12:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB3.067
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	3	23.1	-0.000002	**-0.0083**	ug/L
>	Sc	45	719009	685832	2662	0.4	685831.965698		ug/L
	Cr	52	3658	2795	129	4.6	-0.001013	**-0.2285**	ug/L
	Cr	53	21604	16920	834	4.9	-0.005374	**-8.1508**	ug/L
	Cu	65	36	31	10	31.0	-0.000006	**0.0106**	ug/L
	Cu	63	38	47	2	4.4	0.000020	**0.0075**	ug/L
>	Ge	74	540384	521936	2786	0.5	521936.107465		ug/L
	As	75	-96	-29	115	397.9	0.000121	**-0.0299**	ug/L
	As-1	75	2889	2723	83	3.1	-0.000128	**0.0794**	ug/L
	Se	77	1993	1513	34	2.2	-0.000374	**-8.1392**	ug/L
	Se	82	13	7	4	60.0	-0.000005	**0.0807**	ug/L
	Ag	107	23	36	8	21.0	0.000012	**0.0055**	ug/L
	Ag	109	21	40	10	23.8	0.000018	**0.0061**	ug/L
	Cd	111	11	11	2	21.7	-0.000000	**-0.0013**	ug/L
	Cd	114	28	27	9	33.3	-0.000000	**0.0017**	ug/L
>	In	115	1151262	1115982	15019	1.3	1115981.541454		ug/L
	Sb	121	56	54	13	24.1	-0.000000	**-0.0014**	ug/L
>	Tm	169	804781	785964	9402	1.2	785964.377572		ug/L
	Tl	205	6	4	2	43.3	-0.000002	**-0.0009**	ug/L
	Pb	208	72	73	15	20.7	0.000003	**-0.0023**	ug/L
	C	13	20307	17737	297	1.7	-2569.698990		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	95.386
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	96.586
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	96.936
	Sb	121	
>	Tm	169	97.662
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-63RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:14:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 145

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-63RE2.068
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	3	14.7	0.000004	**0.0065**	ug/L
>	Sc	45	719009	699783	3191	0.5	699783.109636		ug/L
	Cr	52	3658	2505	42	1.7	-0.001508	**-1.5871**	ug/L
	Cr	53	21604	3584	445	12.4	-0.024923	**-176.0551**	ug/L
	Cu	65	36	5141	54	1.1	0.009659	**21.1557**	ug/L
	Cu	63	38	10792	132	1.2	0.020346	**21.5536**	ug/L
>	Ge	74	540384	528608	1500	0.3	528608.005195		ug/L
	As	75	-96	457	35	7.6	0.001041	**3.6648**	ug/L
	As-1	75	2889	3247	14	0.4	0.000797	**4.2265**	ug/L
	Se	77	1993	96	23	23.8	-0.001645	**-180.6869**	ug/L
	Se	82	13	14	6	43.2	0.000001	**1.0110**	ug/L
	Ag	107	23	616	25	4.0	0.000535	**0.8685**	ug/L
	Ag	109	21	485	32	6.5	0.000418	**0.6799**	ug/L
	Cd	111	11	86	9	10.3	0.000068	**0.5055**	ug/L
	Cd	114	28	92	15	15.8	0.000058	**0.1960**	ug/L
>	In	115	1151262	1111402	12122	1.1	1111402.463454		ug/L
	Sb	121	56	590	9	1.4	0.000482	**1.2555**	ug/L
>	Tm	169	804781	758005	5531	0.7	758005.019102		ug/L
	Tl	205	6	14	4	27.7	0.000011	**0.0029**	ug/L
	Pb	208	72	8326	112	1.3	0.010895	**4.4808**	ug/L
	C	13	20307	17729	360	2.0	-2577.713086		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	97.326
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	97.821
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	96.538
	Sb	121	
>	Tm	169	94.188
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-64RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:16:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 146

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-64RE2.069
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	3	17.6	0.000003	**-0.0012**	ug/L
>	Sc	45	719009	703875	2173	0.3	703875.111626		ug/L
	Cr	52	3658	2817	60	2.1	-0.001085	**-1.2076**	ug/L
	Cr	53	21604	2488	123	4.9	-0.026513	**-187.0551**	ug/L
	Cu	65	36	2600	27	1.0	0.004804	**10.5549**	ug/L
	Cu	63	38	5295	13	0.2	0.009849	**10.4414**	ug/L
>	Ge	74	540384	533814	598	0.1	533813.979297		ug/L
	As	75	-96	336	19	5.8	0.000806	**2.6926**	ug/L
	As-1	75	2889	3162	48	1.5	0.000578	**3.3182**	ug/L
	Se	77	1993	68	4	6.4	-0.001669	**-183.3957**	ug/L
	Se	82	13	-1	2	325.9	-0.000012	**-0.2551**	ug/L
	Ag	107	23	445	34	7.7	0.000384	**0.6256**	ug/L
	Ag	109	21	296	17	5.8	0.000250	**0.4068**	ug/L
	Cd	111	11	72	11	15.0	0.000055	**0.4141**	ug/L
	Cd	114	28	64	18	27.5	0.000033	**0.1161**	ug/L
>	In	115	1151262	1103295	10726	1.0	1103295.013767		ug/L
	Sb	121	56	327	6	1.8	0.000248	**0.6429**	ug/L
>	Tm	169	804781	747734	8996	1.2	747733.762949		ug/L
	Tl	205	6	11	4	39.0	0.000007	**0.0008**	ug/L
	Pb	208	72	38414	604	1.6	0.051285	**21.1386**	ug/L
	C	13	20307	18536	215	1.2	-1770.775682		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	97.895
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	98.784
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	95.834
	Sb	121	
>	Tm	169	92.911
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-65RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:19:04
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 147

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-65RE2.070
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	32	11	34.1	0.000023	**0.1418**	ug/L
>	Sc	45	719009	724197	3379	0.5	724196.803758		ug/L
	Cr	52	3658	2357	106	4.5	-0.001833	**-1.8779**	ug/L
	Cr	53	21604	2031	28	1.4	-0.027243	**-192.1060**	ug/L
	Cu	65	36	4900	18	0.4	0.008979	**19.6707**	ug/L
	Cu	63	38	9982	92	0.9	0.018355	**19.4458**	ug/L
>	Ge	74	540384	541766	1355	0.3	541765.683129		ug/L
	As	75	-96	268	23	8.6	0.000671	**2.1311**	ug/L
	As-1	75	2889	3104	53	1.7	0.000384	**2.5174**	ug/L
	Se	77	1993	66	5	7.6	-0.001672	**-183.7157**	ug/L
	Se	82	13	3	5	151.1	-0.000009	**0.0852**	ug/L
	Ag	107	23	469	31	6.7	0.000398	**0.6482**	ug/L
	Ag	109	21	324	23	7.0	0.000270	**0.4397**	ug/L
	Cd	111	11	126	10	8.0	0.000102	**0.7656**	ug/L
	Cd	114	28	226	8	3.4	0.000176	**0.5770**	ug/L
>	In	115	1151262	1123925	404	0.0	1123925.032104		ug/L
	Sb	121	56	6257	79	1.3	0.005519	**14.4282**	ug/L
>	Tm	169	804781	757829	7895	1.0	757828.902428		ug/L
	Tl	205	6	16	2	12.5	0.000014	**0.0046**	ug/L
	Pb	208	72	16942	75	0.4	0.022268	**9.1711**	ug/L
	C	13	20307	18863	55	0.3	-1443.772324		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	100.722
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	100.256
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.626
	Sb	121	
>	Tm	169	94.166
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-66RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:21:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 148

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-66RE2.071
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	12	3	25.0	-0.000005	**-0.0590**	ug/L
>	Sc	45	719009	726377	1510	0.2	726376.889442		ug/L
|	Cr	52	3658	2051	24	1.2	-0.002265	**-2.2656**	ug/L
⌊	Cr	53	21604	1671	42	2.5	-0.027747	**-195.6003**	ug/L
⌈	Cu	65	36	154	3	2.0	0.000211	**0.5267**	ug/L
|	Cu	63	38	308	7	2.2	0.000485	**0.5292**	ug/L
>	Ge	74	540384	554761	209	0.0	554760.942779		ug/L
|	As	75	-96	1242	49	3.9	0.002415	**9.3650**	ug/L
⌊	As-1	75	2889	4142	54	1.3	0.002120	**9.7035**	ug/L
⌈	Se	77	1993	60	7	11.7	-0.001678	**-184.4265**	ug/L
|	Se	82	13	-9	11	122.2	-0.000019	**-0.9268**	ug/L
|	Ag	107	23	477	30	6.2	0.000396	**0.6444**	ug/L
|	Ag	109	21	318	27	8.4	0.000259	**0.4214**	ug/L
|	Cd	111	11	61	4	5.9	0.000043	**0.3227**	ug/L
|	Cd	114	28	32	5	16.8	0.000003	**0.0194**	ug/L
>	In	115	1151262	1147834	1963	0.2	1147834.186281		ug/L
⌊	Sb	121	56	407	7	1.8	0.000306	**0.7951**	ug/L
⌈ >	Tm	169	804781	764847	7212	0.9	764846.659088		ug/L
|	Tl	205	6	9	2	19.2	0.000005	**-0.0006**	ug/L
⌊	Pb	208	72	2757	30	1.1	0.003515	**1.4369**	ug/L
	C	13	20307	19149	109	0.6	-1157.507779		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	101.025
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	102.661
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.702
	Sb	121	
>	Tm	169	95.038
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-67RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:23:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 149

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-67RE2.072
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	4	26.6	0.000000	**-0.0240**	ug/L
>	Sc	45	719009	731293	3036	0.4	731292.736257		ug/L
	Cr	52	3658	2155	26	1.2	-0.002141	**-2.1544**	ug/L
	Cr	53	21604	1528	65	4.3	-0.027958	**-197.0589**	ug/L
	Cu	65	36	170	3	1.5	0.000240	**0.5904**	ug/L
	Cu	63	38	344	25	7.1	0.000551	**0.5993**	ug/L
>	Ge	74	540384	554200	2553	0.5	554200.477869		ug/L
	As	75	-96	1004	73	7.3	0.001989	**7.5962**	ug/L
	As-1	75	2889	3925	117	3.0	0.001737	**8.1166**	ug/L
	Se	77	1993	74	16	22.2	-0.001666	**-183.0790**	ug/L
	Se	82	13	4	7	170.6	-0.000008	**0.1672**	ug/L
	Ag	107	23	421	16	3.9	0.000348	**0.5672**	ug/L
	Ag	109	21	281	13	4.6	0.000227	**0.3700**	ug/L
	Cd	111	11	56	14	25.2	0.000039	**0.2875**	ug/L
	Cd	114	28	26	13	48.5	-0.000002	**0.0030**	ug/L
>	In	115	1151262	1147349	9030	0.8	1147348.988078		ug/L
	Sb	121	56	407	30	7.3	0.000306	**0.7949**	ug/L
>	Tm	169	804781	765350	2744	0.4	765350.052207		ug/L
	Tl	205	6	10	7	64.4	0.000006	**0.0004**	ug/L
	Pb	208	72	804	20	2.4	0.000961	**0.3834**	ug/L
	C	13	20307	19139	64	0.3	-1167.529134		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	101.708
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	102.557
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.660
	Sb	121	
>	Tm	169	95.100
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-68RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:25:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 150

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-68RE2.073
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	1	6.9	0.000002	**-0.0135**	ug/L
>	Sc	45	719009	727730	2609	0.4	727729.738667		ug/L
	Cr	52	3658	2282	168	7.3	-0.001953	**-1.9857**	ug/L
	Cr	53	21604	1425	65	4.6	-0.028088	**-197.9602**	ug/L
	Cu	65	36	1864	68	3.6	0.003318	**7.3101**	ug/L
	Cu	63	38	3845	21	0.6	0.006910	**7.3311**	ug/L
>	Ge	74	540384	550841	3064	0.6	550841.005013		ug/L
	As	75	-96	291	21	7.1	0.000705	**2.2744**	ug/L
	As-1	75	2889	3225	29	0.9	0.000509	**3.0317**	ug/L
	Se	77	1993	61	10	16.6	-0.001677	**-184.2914**	ug/L
	Se	82	13	-7	11	167.2	-0.000017	**-0.7611**	ug/L
	Ag	107	23	416	24	5.7	0.000346	**0.5641**	ug/L
	Ag	109	21	268	29	10.7	0.000217	**0.3531**	ug/L
	Cd	111	11	68	13	19.3	0.000049	**0.3695**	ug/L
	Cd	114	28	64	16	25.0	0.000032	**0.1116**	ug/L
>	In	115	1151262	1139728	5038	0.4	1139728.052882		ug/L
	Sb	121	56	297	5	1.7	0.000212	**0.5492**	ug/L
>	Tm	169	804781	757001	4774	0.6	757001.424934		ug/L
	Tl	205	6	12	3	26.2	0.000008	**0.0014**	ug/L
	Pb	208	72	22194	220	1.0	0.029229	**12.0423**	ug/L
	C	13	20307	19205	156	0.8	-1101.723160		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	101.213
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.935
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.998
	Sb	121	
>	Tm	169	94.063
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-DUP3
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:28:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 151

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-DUP3.074
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	23	4	19.0	0.000010	**0.0471**	ug/L
>	Sc	45	719009	731959	4681	0.6	731958.674192		ug/L
	Cr	52	3658	2510	19	0.8	-0.001658	**-1.7217**	ug/L
	Cr	53	21604	1359	32	2.4	-0.028190	**-198.6613**	ug/L
	Cu	65	36	2117	21	1.0	0.003797	**8.3570**	ug/L
	Cu	63	38	4282	79	1.8	0.007742	**8.2119**	ug/L
>	Ge	74	540384	548058	2982	0.5	548058.474628		ug/L
	As	75	-96	326	71	21.8	0.000773	**2.5545**	ug/L
	As-1	75	2889	3187	92	2.9	0.000471	**2.8751**	ug/L
	Se	77	1993	59	18	30.1	-0.001679	**-184.4938**	ug/L
	Se	82	13	4	4	93.2	-0.000008	**0.1659**	ug/L
	Ag	107	23	419	14	3.4	0.000347	**0.5663**	ug/L
	Ag	109	21	306	24	7.8	0.000249	**0.4061**	ug/L
	Cd	111	11	67	4	6.2	0.000049	**0.3620**	ug/L
	Cd	114	28	48	3	6.2	0.000017	**0.0650**	ug/L
>	In	115	1151262	1142744	9395	0.8	1142744.417108		ug/L
	Sb	121	56	298	11	3.8	0.000212	**0.5489**	ug/L
>	Tm	169	804781	760744	3405	0.4	760744.309030		ug/L
	Tl	205	6	8	4	45.1	0.000003	**-0.0013**	ug/L
	Pb	208	72	26480	400	1.5	0.034717	**14.3057**	ug/L
	C	13	20307	19371	71	0.4	-936.373607		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	101.801
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.420
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.260
	Sb	121	
>	Tm	169	94.528
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-MS3
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:30:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 152

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-MS3.075
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	553	24	4.3	0.000734	**5.2052**	ug/L
>	Sc	45	719009	732215	1744	0.2	732214.839260		ug/L
	Cr	52	3658	82810	357	0.4	0.108009	**96.6559**	ug/L
	Cr	53	21604	10876	97	0.9	-0.015193	**-108.7143**	ug/L
	Cu	65	36	6548	77	1.2	0.011835	**25.9054**	ug/L
	Cu	63	38	13297	77	0.6	0.024094	**25.5213**	ug/L
>	Ge	74	540384	550259	2130	0.4	550259.496731		ug/L
	As	75	-96	9706	166	1.7	0.017816	**73.2422**	ug/L
	As-1	75	2889	12530	142	1.1	0.017425	**73.0614**	ug/L
	Se	77	1993	612	8	1.4	-0.001191	**-130.7220**	ug/L
	Se	82	13	684	44	6.4	0.000592	**57.6476**	ug/L
	Ag	107	23	7750	61	0.8	0.006817	**10.9812**	ug/L
	Ag	109	21	7496	46	0.6	0.006595	**10.6852**	ug/L
	Cd	111	11	339	18	5.4	0.000289	**2.1797**	ug/L
	Cd	114	28	667	21	3.2	0.000564	**1.8240**	ug/L
>	In	115	1151262	1133521	6333	0.6	1133520.539757		ug/L
	Sb	121	56	311	3	1.0	0.000226	**0.5853**	ug/L
>	Tm	169	804781	758182	2352	0.3	758182.098139		ug/L
	Tl	205	6	9	2	16.4	0.000005	**-0.0003**	ug/L
	Pb	208	72	37773	137	0.4	0.049732	**20.4981**	ug/L
	C	13	20307	19266	99	0.5	-1040.928597		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	101.837
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.828
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.459
	Sb	121	
>	Tm	169	94.210
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246033-62RE2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:32:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 153

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246033-62RE2.076
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	4	19.6	0.000005	**0.0108**	ug/L
>	Sc	45	719009	734415	3865	0.5	734415.196003		ug/L
	Cr	52	3658	7168	78	1.1	0.004673	**3.9579**	ug/L
	Cr	53	21604	1776	56	3.1	-0.027629	**-194.7806**	ug/L
	Cu	65	36	3953	48	1.2	0.007017	**15.3869**	ug/L
	Cu	63	38	8297	98	1.2	0.014798	**15.6812**	ug/L
>	Ge	74	540384	558053	2600	0.5	558053.111611		ug/L
	As	75	-96	4461	49	1.1	0.008171	**33.2374**	ug/L
	As-1	75	2889	7375	67	0.9	0.007870	**33.5074**	ug/L
	Se	77	1993	69	4	5.2	-0.001671	**-183.5827**	ug/L
	Se	82	13	23	7	29.3	0.000008	**1.6892**	ug/L
	Ag	107	23	487	27	5.4	0.000403	**0.6569**	ug/L
	Ag	109	21	310	38	12.1	0.000251	**0.4083**	ug/L
	Cd	111	11	70	13	18.9	0.000051	**0.3825**	ug/L
	Cd	114	28	45	7	14.6	0.000015	**0.0565**	ug/L
>	In	115	1151262	1151224	4546	0.4	1151223.841354		ug/L
	Sb	121	56	26611	221	0.8	0.023066	**60.3250**	ug/L
>	Tm	169	804781	765389	2775	0.4	765389.152709		ug/L
	Tl	205	6	770	11	1.5	0.000999	**0.5509**	ug/L
	Pb	208	72	1055	39	3.7	0.001288	**0.5186**	ug/L
	C	13	20307	19406	31	0.2	-901.299075		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	102.143
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	103.270
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.997
	Sb	121	
>	Tm	169	95.105
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-SRM2
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:34:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 154

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-SRM2.077
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	21	6	26.6	0.000007	**0.0234**	ug/L
>	Sc	45	719009	734886	10335	1.4	734885.689715		ug/L
	Cr	52	3658	4875	279	5.7	0.001543	**1.1506**	ug/L
	Cr	53	21604	1474	46	3.1	-0.028041	**-197.6310**	ug/L
	Cu	65	36	6651	108	1.6	0.012067	**26.4121**	ug/L
	Cu	63	38	13687	212	1.6	0.024898	**26.3722**	ug/L
>	Ge	74	540384	548179	6687	1.2	548179.312183		ug/L
	As	75	-96	3242	50	1.5	0.006093	**24.6176**	ug/L
	As-1	75	2889	6136	56	0.9	0.005849	**25.1383**	ug/L
	Se	77	1993	63	1	1.8	-0.001675	**-184.0491**	ug/L
	Se	82	13	15	9	61.2	0.000001	**1.0440**	ug/L
	Ag	107	23	487	14	2.9	0.000409	**0.6654**	ug/L
	Ag	109	21	335	6	1.8	0.000276	**0.4494**	ug/L
	Cd	111	11	211	17	8.0	0.000176	**1.3220**	ug/L
	Cd	114	28	370	17	4.7	0.000300	**0.9762**	ug/L
>	In	115	1151262	1137308	12561	1.1	1137308.322006		ug/L
	Sb	121	56	1865	50	2.7	0.001591	**4.1558**	ug/L
>	Tm	169	804781	753836	12296	1.6	753836.096587		ug/L
	Tl	205	6	231	17	7.5	0.000299	**0.1627**	ug/L
	Pb	208	72	3621	90	2.5	0.004713	**1.9311**	ug/L
	C	13	20307	19394	420	2.2	-913.318263		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	102.208
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	101.443
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.788
	Sb	121	
>	Tm	169	93.670
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 16:37:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV4.078
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	536	25	4.7	0.000756	**1.0723**	ug/L
>	Sc	45	719009	689637	20328	2.9	689636.927918		ug/L
|	Cr	52	3658	53076	1101	2.1	0.071887	**12.8506**	ug/L
⌊	Cr	53	21604	21731	1123	5.2	0.001467	**1.3178**	ug/L
⌈	Cu	65	36	6206	158	2.5	0.011877	**5.1994**	ug/L
|	Cu	63	38	12997	322	2.5	0.024942	**5.2838**	ug/L
>	Ge	74	540384	519652	14154	2.7	519651.820040		ug/L
|	As	75	-96	3154	214	6.8	0.006253	**5.0569**	ug/L
⌊	As-1	75	2889	5772	130	2.3	0.005772	**4.9639**	ug/L
⌈	Se	77	1993	2256	99	4.4	0.000291	**6.5199**	ug/L
|	Se	82	13	556	25	4.4	0.000487	**9.5198**	ug/L
|	Ag	107	23	3593	127	3.5	0.003201	**1.0320**	ug/L
|	Ag	109	21	3582	33	0.9	0.003194	**1.0351**	ug/L
|	Cd	111	11	407	43	10.5	0.000354	**0.5339**	ug/L
|	Cd	114	28	962	32	3.3	0.000838	**0.5413**	ug/L
>	In	115	1151262	1115716	33230	3.0	1115716.021277		ug/L
⌊	Sb	121	56	2369	72	3.0	0.002076	**1.0846**	ug/L
⌈ >	Tm	169	804781	773341	26783	3.5	773340.995901		ug/L
|	Tl	205	6	1748	95	5.4	0.002252	**0.2491**	ug/L
⌊	Pb	208	72	24046	597	2.5	0.031013	**2.5556**	ug/L
	C	13	20307	18041	573	3.2	-2265.759656		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	95.915
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	96.164
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	96.912
	Sb	121	
>	Tm	169	96.093
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 16:39:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB4.079
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	16	1	7.1	0.000002	**-0.0014**	ug/L
>	Sc	45	719009	686933	7921	1.2	686933.115271		ug/L
|	Cr	52	3658	3183	35	1.1	-0.000454	**-0.1282**	ug/L
⌊	Cr	53	21604	18299	856	4.7	-0.003396	**-5.4134**	ug/L
⌈	Cu	65	36	28	3	11.3	-0.000012	**0.0080**	ug/L
|	Cu	63	38	45	6	13.3	0.000016	**0.0065**	ug/L
>	Ge	74	540384	524687	4574	0.9	524686.985984		ug/L
|	As	75	-96	-108	301	278.8	-0.000029	**-0.1541**	ug/L
⌊	As-1	75	2889	2515	323	12.9	-0.000552	**-0.2715**	ug/L
⌈	Se	77	1993	1783	85	4.8	-0.000138	**-2.9389**	ug/L
|	Se	82	13	-9	13	138.7	-0.000020	**-0.1930**	ug/L
|	Ag	107	23	38	13	35.4	0.000014	**0.0060**	ug/L
|	Ag	109	21	38	13	33.6	0.000016	**0.0056**	ug/L
|	Cd	111	11	10	6	53.3	-0.000001	**-0.0017**	ug/L
|	Cd	114	28	20	9	44.1	-0.000007	**-0.0024**	ug/L
>	In	115	1151262	1119598	9701	0.9	1119597.573553		ug/L
⌊	Sb	121	56	61	7	11.4	0.000006	**0.0019**	ug/L
⌈ >	Tm	169	804781	782735	8497	1.1	782734.573668		ug/L
|	Tl	205	6	6	3	44.1	0.000001	**-0.0006**	ug/L
⌊	Pb	208	72	71	18	25.6	0.000002	**-0.0024**	ug/L
	C	13	20307	17501	200	1.1	-2806.158355		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	95.539
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	97.095
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.250
	Sb	121	
>	Tm	169	97.261
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-SRM3
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:41:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 155

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-SRM3.080
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	16	3	16.5	0.000002	**-0.0120**	ug/L
>	Sc	45	719009	692544	5460	0.8	692544.378767		ug/L
|	Cr	52	3658	3272	93	2.8	-0.000365	**-0.5610**	ug/L
⌊	Cr	53	21604	3535	515	14.6	-0.024946	**-176.2134**	ug/L
⌈	Cu	65	36	1221	23	1.9	0.002231	**4.9368**	ug/L
|	Cu	63	38	2409	55	2.3	0.004462	**4.7395**	ug/L
>	Ge	74	540384	531527	3206	0.6	531526.622724		ug/L
|	As	75	-96	2117	34	1.6	0.004160	**16.6035**	ug/L
⌊	As-1	75	2889	4837	43	0.9	0.003754	**16.4667**	ug/L
⌈	Se	77	1993	81	16	19.4	-0.001657	**-182.0938**	ug/L
|	Se	82	13	-1	16	2347.9	-0.000012	**-0.2569**	ug/L
|	Ag	107	23	484	5	1.1	0.000421	**0.6854**	ug/L
|	Ag	109	21	329	7	2.2	0.000281	**0.4575**	ug/L
|	Cd	111	11	120	12	10.2	0.000099	**0.7441**	ug/L
|	Cd	114	28	133	6	4.4	0.000097	**0.3207**	ug/L
>	In	115	1151262	1098190	2265	0.2	1098189.739889		ug/L
⌊	Sb	121	56	2047	72	3.5	0.001815	**4.7425**	ug/L
⌈ >	Tm	169	804781	749273	4779	0.6	749272.846646		ug/L
|	Tl	205	6	225	5	2.0	0.000294	**0.1597**	ug/L
⌊	Pb	208	72	372	9	2.3	0.000407	**0.1551**	ug/L
	C	13	20307	18057	158	0.9	-2250.406978		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	96.319
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	98.361
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	95.390
	Sb	121	
>	Tm	169	93.103
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122317-SRM4
Sample Description: 5x
Batch ID: B122317

Sample Date/Time: Saturday, December 08, 2012 16:43:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 156

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122288-SRM4.081
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	2	13.6	0.000001	**-0.0194**	ug/L
>	Sc	45	719009	694421	3837	0.6	694420.905624		ug/L
	Cr	52	3658	3558	92	2.6	0.000035	**-0.2021**	ug/L
	Cr	53	21604	2419	111	4.6	-0.026564	**-187.4118**	ug/L
	Cu	65	36	1612	41	2.6	0.002982	**6.5776**	ug/L
	Cu	63	38	3287	123	3.7	0.006145	**6.5208**	ug/L
>	Ge	74	540384	528830	2047	0.4	528830.465424		ug/L
	As	75	-96	2685	42	1.6	0.005254	**21.1387**	ug/L
	As-1	75	2889	5458	13	0.2	0.004976	**21.5237**	ug/L
	Se	77	1993	78	2	2.7	-0.001660	**-182.3482**	ug/L
	Se	82	13	4	4	120.1	-0.000008	**0.1230**	ug/L
	Ag	107	23	489	25	5.1	0.000428	**0.6973**	ug/L
	Ag	109	21	324	18	5.6	0.000278	**0.4528**	ug/L
	Cd	111	11	129	12	9.0	0.000109	**0.8156**	ug/L
	Cd	114	28	187	18	9.4	0.000146	**0.4806**	ug/L
>	In	115	1151262	1091876	3871	0.4	1091875.744297		ug/L
	Sb	121	56	2650	29	1.1	0.002378	**6.2143**	ug/L
>	Tm	169	804781	742402	11305	1.5	742402.478322		ug/L
	Tl	205	6	320	28	8.7	0.000425	**0.2324**	ug/L
	Pb	208	72	455	20	4.3	0.000524	**0.2033**	ug/L
	C	13	20307	18136	230	1.3	-2171.248617		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	96.580
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	97.862
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	94.842
	Sb	121	
>	Tm	169	92.249
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-BLK1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:46:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 157

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-BLK1.082
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	3	15.4	0.000002	**-0.0112**	ug/L
>	Sc	45	719009	702760	6073	0.9	702759.625427		ug/L
	Cr	52	3658	1979	24	1.2	-0.002272	**-2.2723**	ug/L
	Cr	53	21604	1798	99	5.5	-0.027490	**-193.8181**	ug/L
	Cu	65	36	94	14	14.9	0.000109	**0.3050**	ug/L
	Cu	63	38	183	9	5.0	0.000271	**0.3024**	ug/L
>	Ge	74	540384	535890	1316	0.2	535889.978685		ug/L
	As	75	-96	24	39	163.1	0.000221	**0.2662**	ug/L
	As-1	75	2889	2843	86	3.0	-0.000041	**0.7561**	ug/L
	Se	77	1993	57	6	9.8	-0.001680	**-184.5855**	ug/L
	Se	82	13	-10	7	71.1	-0.000020	**-1.0484**	ug/L
	Ag	107	23	498	17	3.3	0.000425	**0.6915**	ug/L
	Ag	109	21	316	4	1.3	0.000264	**0.4297**	ug/L
	Cd	111	11	65	6	8.4	0.000048	**0.3614**	ug/L
	Cd	114	28	33	5	16.1	0.000005	**0.0250**	ug/L
>	In	115	1151262	1121303	6271	0.6	1121303.158399		ug/L
	Sb	121	56	233	6	2.8	0.000159	**0.4111**	ug/L
>	Tm	169	804781	760413	5736	0.8	760412.922715		ug/L
	Tl	205	6	10	7	68.9	0.000006	**-0.0001**	ug/L
	Pb	208	72	147	6	4.2	0.000104	**0.0300**	ug/L
	C	13	20307	18049	211	1.2	-2258.088159		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	97.740
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	99.168
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.398
	Sb	121	
>	Tm	169	94.487
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-BLK2
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:48:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 158

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-BLK2.083
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	5	36.5	-0.000003	**-0.0490**	ug/L
>	Sc	45	719009	705970	4280	0.6	705969.657200		ug/L
	Cr	52	3658	1756	108	6.2	-0.002601	**-2.5672**	ug/L
	Cr	53	21604	1550	71	4.6	-0.027852	**-196.3255**	ug/L
	Cu	65	36	102	9	9.2	0.000125	**0.3390**	ug/L
	Cu	63	38	202	11	5.4	0.000306	**0.3400**	ug/L
>	Ge	74	540384	535727	1531	0.3	535727.496676		ug/L
	As	75	-96	9	37	392.1	0.000194	**0.1545**	ug/L
	As-1	75	2889	2810	25	0.9	-0.000101	**0.5090**	ug/L
	Se	77	1993	60	6	10.1	-0.001677	**-184.2974**	ug/L
	Se	82	13	-16	8	48.0	-0.000025	**-1.5299**	ug/L
	Ag	107	23	506	31	6.1	0.000429	**0.6980**	ug/L
	Ag	109	21	325	16	4.8	0.000270	**0.4391**	ug/L
	Cd	111	11	63	14	22.9	0.000046	**0.3426**	ug/L
	Cd	114	28	33	3	9.0	0.000005	**0.0241**	ug/L
>	In	115	1151262	1128815	3729	0.3	1128815.004765		ug/L
	Sb	121	56	201	11	5.5	0.000129	**0.3319**	ug/L
>	Tm	169	804781	763955	3657	0.5	763955.263291		ug/L
	Tl	205	6	7	2	24.7	0.000002	**-0.0020**	ug/L
	Pb	208	72	127	8	6.0	0.000077	**0.0190**	ug/L
	C	13	20307	18025	107	0.6	-2281.803015		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	98.187
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	99.138
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.050
	Sb	121	
>	Tm	169	94.927
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-BLK3
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:50:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 159

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-BLK3.084
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	1	6.3	0.000001	**-0.0150**	ug/L
>	Sc	45	719009	705402	2079	0.3	705401.540049		ug/L
	Cr	52	3658	2069	51	2.5	-0.002155	**-2.1675**	ug/L
	Cr	53	21604	1414	97	6.8	-0.028043	**-197.6462**	ug/L
	Cu	65	36	79	9	11.7	0.000081	**0.2427**	ug/L
	Cu	63	38	160	6	4.0	0.000227	**0.2558**	ug/L
>	Ge	74	540384	539941	2412	0.4	539940.913257		ug/L
	As	75	-96	73	7	9.9	0.000312	**0.6437**	ug/L
	As-1	75	2889	2855	79	2.8	-0.000058	**0.6853**	ug/L
	Se	77	1993	43	5	11.6	-0.001693	**-185.9770**	ug/L
	Se	82	13	-3	3	95.8	-0.000014	**-0.4235**	ug/L
	Ag	107	23	459	25	5.4	0.000388	**0.6329**	ug/L
	Ag	109	21	291	34	11.6	0.000240	**0.3914**	ug/L
	Cd	111	11	60	8	13.2	0.000043	**0.3239**	ug/L
	Cd	114	28	25	11	44.2	-0.000002	**0.0020**	ug/L
>	In	115	1151262	1125411	7296	0.6	1125411.082459		ug/L
	Sb	121	56	154	20	12.9	0.000088	**0.2239**	ug/L
>	Tm	169	804781	766540	3163	0.4	766540.064407		ug/L
	Tl	205	6	7	4	51.5	0.000002	**-0.0021**	ug/L
	Pb	208	72	134	25	18.5	0.000086	**0.0226**	ug/L
	C	13	20307	18035	194	1.1	-2272.116207		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	98.108
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	99.918
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.755
	Sb	121	
>	Tm	169	95.248
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-BLK4
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:52:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 160

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-BLK4.085
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	6	36.3	0.000001	**-0.0177**	ug/L
>	Sc	45	719009	701687	1763	0.3	701686.888802		ug/L
	Cr	52	3658	1851	8	0.4	-0.002450	**-2.4321**	ug/L
	Cr	53	21604	1278	17	1.4	-0.028226	**-198.9144**	ug/L
	Cu	65	36	84	4	4.5	0.000092	**0.2680**	ug/L
	Cu	63	38	160	22	13.8	0.000231	**0.2604**	ug/L
>	Ge	74	540384	532166	639	0.1	532166.476886		ug/L
	As	75	-96	38	46	118.5	0.000249	**0.3815**	ug/L
	As-1	75	2889	2890	69	2.4	0.000085	**1.2781**	ug/L
	Se	77	1993	50	8	15.2	-0.001686	**-185.2041**	ug/L
	Se	82	13	-6	21	365.1	-0.000017	**-0.6834**	ug/L
	Ag	107	23	453	16	3.6	0.000387	**0.6310**	ug/L
	Ag	109	21	316	11	3.6	0.000266	**0.4325**	ug/L
	Cd	111	11	53	6	10.8	0.000038	**0.2831**	ug/L
	Cd	114	28	30	8	27.2	0.000003	**0.0179**	ug/L
>	In	115	1151262	1113204	2375	0.2	1113204.215060		ug/L
	Sb	121	56	147	25	16.6	0.000084	**0.2130**	ug/L
>	Tm	169	804781	748554	4222	0.6	748553.565756		ug/L
	Tl	205	6	10	1	11.9	0.000006	**0.0000**	ug/L
	Pb	208	72	114	7	6.1	0.000063	**0.0131**	ug/L
	C	13	20307	18380	58	0.3	-1927.428155		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	97.591
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	98.479
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	96.694
	Sb	121	
>	Tm	169	93.013
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-BS1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:55:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 201

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-BS1.086
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	220	18	8.3	0.000292	**2.0549**	ug/L
>	Sc	45	719009	701653	4820	0.7	701653.441242		ug/L
|	Cr	52	3658	67691	672	1.0	0.091385	**81.7433**	ug/L
⌊	Cr	53	21604	9027	92	1.0	-0.017182	**-122.4791**	ug/L
⌈	Cu	65	36	5500	39	0.7	0.010226	**22.3922**	ug/L
|	Cu	63	38	11073	153	1.4	0.020651	**21.8770**	ug/L
>	Ge	74	540384	534382	1051	0.2	534381.605632		ug/L
|	As	75	-96	18891	231	1.2	0.035528	**146.7046**	ug/L
⌊	As-1	75	2889	21531	236	1.1	0.034946	**145.5963**	ug/L
⌈	Se	77	1993	478	18	3.8	-0.001303	**-143.0471**	ug/L
|	Se	82	13	569	26	4.6	0.000498	**48.6192**	ug/L
|	Ag	107	23	7558	73	1.0	0.006748	**10.8703**	ug/L
|	Ag	109	21	7383	71	1.0	0.006592	**10.6811**	ug/L
|	Cd	111	11	390	20	5.2	0.000339	**2.5580**	ug/L
|	Cd	114	28	772	34	4.4	0.000666	**2.1544**	ug/L
>	In	115	1151262	1116772	4001	0.4	1116771.535993		ug/L
⌊	Sb	121	56	189	12	6.4	0.000120	**0.3088**	ug/L
>	Tm	169	804781	754377	10757	1.4	754376.820063		ug/L
|	Tl	205	6	2517	96	3.8	0.003329	**1.8433**	ug/L
⌊	Pb	208	72	4226	84	2.0	0.005514	**2.2615**	ug/L
	C	13	20307	18295	75	0.4	-2012.265604		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	97.586
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	98.889
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.004
	Sb	121	
>	Tm	169	93.737
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-SRM1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:57:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 202

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-SRM1.087
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	2	10.7	-0.000001	**-0.0317**	ug/L
>	Sc	45	719009	704597	1257	0.2	704597.188726		ug/L
	Cr	52	3658	4932	54	1.1	0.001911	**1.4804**	ug/L
	Cr	53	21604	1473	17	1.2	-0.027956	**-197.0436**	ug/L
	Cu	65	36	6203	58	0.9	0.011584	**25.3570**	ug/L
	Cu	63	38	12582	57	0.5	0.023558	**24.9543**	ug/L
>	Ge	74	540384	532476	685	0.1	532476.180661		ug/L
	As	75	-96	3294	52	1.6	0.006364	**25.7432**	ug/L
	As-1	75	2889	6006	36	0.6	0.005933	**25.4885**	ug/L
	Se	77	1993	54	8	13.8	-0.001681	**-184.7548**	ug/L
	Se	82	13	11	11	93.7	-0.000001	**0.7852**	ug/L
	Ag	107	23	488	19	3.8	0.000423	**0.6888**	ug/L
	Ag	109	21	351	31	8.7	0.000301	**0.4896**	ug/L
	Cd	111	11	189	20	10.4	0.000161	**1.2143**	ug/L
	Cd	114	28	306	19	6.2	0.000253	**0.8245**	ug/L
>	In	115	1151262	1101390	10110	0.9	1101390.059281		ug/L
	Sb	121	56	1707	46	2.7	0.001501	**3.9209**	ug/L
>	Tm	169	804781	755500	4601	0.6	755500.203613		ug/L
	Tl	205	6	245	4	1.6	0.000318	**0.1730**	ug/L
	Pb	208	72	505	39	7.8	0.000579	**0.2259**	ug/L
	C	13	20307	18329	253	1.4	-1977.526929		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	97.996
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	98.537
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	95.668
	Sb	121	
>	Tm	169	93.876
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 0944029-99
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 16:59:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 203

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\0944029-99.088
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	21	3	12.2	0.000008	**0.0339**	ug/L
>	Sc	45	719009	699260	2518	0.4	699259.577260		ug/L
	Cr	52	3658	3636	110	3.0	0.000111	**-0.1342**	ug/L
	Cr	53	21604	1289	17	1.3	-0.028204	**-198.7571**	ug/L
	Cu	65	36	2293	45	1.9	0.004282	**9.4147**	ug/L
	Cu	63	38	4772	92	1.9	0.008979	**9.5205**	ug/L
>	Ge	74	540384	527453	3984	0.8	527452.848670		ug/L
	As	75	-96	3251	37	1.2	0.006341	**25.6479**	ug/L
	As-1	75	2889	5907	52	0.9	0.005853	**25.1560**	ug/L
	Se	77	1993	62	0	0.0	-0.001674	**-183.9573**	ug/L
	Se	82	13	37	6	14.9	0.000022	**3.0403**	ug/L
	Ag	107	23	463	18	3.9	0.000403	**0.6560**	ug/L
	Ag	109	21	307	20	6.4	0.000262	**0.4264**	ug/L
	Cd	111	11	268	24	8.9	0.000234	**1.7639**	ug/L
	Cd	114	28	482	7	1.5	0.000415	**1.3440**	ug/L
>	In	115	1151262	1096837	11015	1.0	1096837.392073		ug/L
	Sb	121	56	1583	19	1.2	0.001395	**3.6425**	ug/L
>	Tm	169	804781	752144	6675	0.9	752144.429857		ug/L
	Tl	205	6	304	9	3.0	0.000397	**0.2171**	ug/L
	Pb	208	72	639	25	3.9	0.000760	**0.3008**	ug/L
	C	13	20307	18252	105	0.6	-2055.017881		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	97.253
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	97.607
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	95.273
	Sb	121	
>	Tm	169	93.459
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MS5
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:01:42
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 204

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MS5.089
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	451	22	4.8	0.000631	**4.4734**	ug/L
>	Sc	45	719009	691047	4678	0.7	691047.388601		ug/L
	Cr	52	3658	71195	1145	1.6	0.097933	**87.6173**	ug/L
	Cr	53	21604	9290	74	0.8	-0.016603	**-118.4712**	ug/L
	Cu	65	36	7332	40	0.6	0.013977	**30.5832**	ug/L
	Cu	63	38	14928	271	1.8	0.028520	**30.2065**	ug/L
>	Ge	74	540384	522099	3382	0.6	522099.208406		ug/L
	As	75	-96	26209	268	1.0	0.050376	**208.2852**	ug/L
	As-1	75	2889	28757	254	0.9	0.049733	**206.8101**	ug/L
	Se	77	1993	460	7	1.6	-0.001307	**-143.5422**	ug/L
	Se	82	13	537	38	7.0	0.000483	**47.1830**	ug/L
	Ag	107	23	6964	66	1.0	0.006383	**10.2830**	ug/L
	Ag	109	21	6740	105	1.6	0.006179	**10.0116**	ug/L
	Cd	111	11	585	5	0.9	0.000528	**3.9827**	ug/L
	Cd	114	28	1228	43	3.5	0.001105	**3.5655**	ug/L
>	In	115	1151262	1087610	8750	0.8	1087609.835875		ug/L
	Sb	121	56	1587	29	1.8	0.001411	**3.6844**	ug/L
>	Tm	169	804781	744133	5811	0.8	744133.016664		ug/L
	Tl	205	6	2774	60	2.2	0.003721	**2.0604**	ug/L
	Pb	208	72	4856	123	2.5	0.006436	**2.6414**	ug/L
	C	13	20307	18323	124	0.7	-1983.874826		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	96.111
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	96.616
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	94.471
	Sb	121	
>	Tm	169	92.464
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV5
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 17:03:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV5.090
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	530	23	4.4	0.000769	**1.0913**	ug/L
>	Sc	45	719009	670925	9831	1.5	670925.173434		ug/L
|	Cr	52	3658	52192	412	0.8	0.072713	**12.9987**	ug/L
⌊	Cr	53	21604	19946	1046	5.2	-0.000300	**-1.1280**	ug/L
⌈	Cu	65	36	6167	71	1.1	0.011908	**5.2130**	ug/L
|	Cu	63	38	12879	210	1.6	0.024936	**5.2824**	ug/L
>	Ge	74	540384	515068	4421	0.9	515067.918248		ug/L
|	As	75	-96	3186	95	3.0	0.006364	**5.1487**	ug/L
⌊	As-1	75	2889	5703	14	0.2	0.005727	**4.9270**	ug/L
⌈	Se	77	1993	1949	30	1.5	0.000037	**0.9313**	ug/L
|	Se	82	13	578	28	4.8	0.000513	**10.0113**	ug/L
|	Ag	107	23	3586	105	2.9	0.003232	**1.0422**	ug/L
|	Ag	109	21	3660	40	1.1	0.003302	**1.0701**	ug/L
|	Cd	111	11	404	36	8.9	0.000357	**0.5377**	ug/L
|	Cd	114	28	908	31	3.4	0.000799	**0.5162**	ug/L
>	In	115	1151262	1102472	14663	1.3	1102472.348819		ug/L
⌊	Sb	121	56	2299	15	0.7	0.002037	**1.0643**	ug/L
⌈ >	Tm	169	804781	781506	3097	0.4	781505.603189		ug/L
|	Tl	205	6	1833	17	0.9	0.002339	**0.2588**	ug/L
⌊	Pb	208	72	24290	391	1.6	0.030992	**2.5538**	ug/L
	C	13	20307	17043	400	2.3	-3263.688670		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	93.313
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	95.315
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	95.762
	Sb	121	
>	Tm	169	97.108
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB5
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 17:06:15
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB5.091
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	4	23.9	0.000001	**-0.0037**	ug/L
>	Sc	45	719009	660439	4392	0.7	660438.623474		ug/L
	Cr	52	3658	2014	6	0.3	-0.002039	**-0.4126**	ug/L
	Cr	53	21604	9052	311	3.4	-0.016342	**-23.3328**	ug/L
	Cu	65	36	26	4	16.2	-0.000015	**0.0065**	ug/L
	Cu	63	38	38	2	4.6	0.000005	**0.0042**	ug/L
>	Ge	74	540384	507541	6418	1.3	507540.845291		ug/L
	As	75	-96	-52	188	358.3	0.000075	**-0.0684**	ug/L
	As-1	75	2889	2589	237	9.1	-0.000243	**-0.0161**	ug/L
	Se	77	1993	788	47	5.9	-0.001007	**-22.0866**	ug/L
	Se	82	13	-2	8	354.4	-0.000014	**-0.0796**	ug/L
	Ag	107	23	35	12	33.7	0.000012	**0.0055**	ug/L
	Ag	109	21	28	9	31.7	0.000007	**0.0029**	ug/L
	Cd	111	11	11	3	27.0	0.000001	**0.0000**	ug/L
	Cd	114	28	29	8	27.3	0.000002	**0.0032**	ug/L
>	In	115	1151262	1089159	11105	1.0	1089158.994960		ug/L
	Sb	121	56	25	6	22.3	-0.000026	**-0.0148**	ug/L
>	Tm	169	804781	765398	15380	2.0	765397.929231		ug/L
	Tl	205	6	3	2	57.3	-0.000004	**-0.0010**	ug/L
	Pb	208	72	81	9	11.3	0.000016	**-0.0012**	ug/L
	C	13	20307	16550	134	0.8	-3756.937282		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	91.854
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	93.922
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	94.606
	Sb	121	
>	Tm	169	95.106
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-09RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:08:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 205

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-09RE1.092
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	6	28.9	0.000008	**0.0346**	ug/L
>	Sc	45	719009	663509	849	0.1	663508.582138		ug/L
	Cr	52	3658	2065	85	4.1	-0.001975	**-2.0059**	ug/L
	Cr	53	21604	2472	249	10.1	-0.026322	**-185.7317**	ug/L
	Cu	65	36	1581	24	1.5	0.003026	**6.6721**	ug/L
	Cu	63	38	3145	60	1.9	0.006080	**6.4523**	ug/L
>	Ge	74	540384	511296	2380	0.5	511295.872090		ug/L
	As	75	-96	45829	293	0.6	0.089811	**371.8440**	ug/L
	As-1	75	2889	48502	304	0.6	0.089517	**371.5074**	ug/L
	Se	77	1993	74	9	12.5	-0.001662	**-182.5692**	ug/L
	Se	82	13	7	6	84.0	-0.000005	**0.3977**	ug/L
	Ag	107	23	471	39	8.2	0.000418	**0.6809**	ug/L
	Ag	109	21	330	15	4.6	0.000288	**0.4690**	ug/L
	Cd	111	11	83	7	7.9	0.000067	**0.5016**	ug/L
	Cd	114	28	83	3	3.1	0.000052	**0.1768**	ug/L
>	In	115	1151262	1075678	6668	0.6	1075678.213528		ug/L
	Sb	121	56	13595	103	0.8	0.012591	**32.9259**	ug/L
>	Tm	169	804781	747826	1282	0.2	747825.635786		ug/L
	Tl	205	6	205	14	6.9	0.000267	**0.1449**	ug/L
	Pb	208	72	7251	91	1.3	0.009607	**3.9495**	ug/L
	C	13	20307	18543	155	0.8	-1763.762204		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	92.281
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	94.617
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	93.435
	Sb	121	
>	Tm	169	92.923
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-DUP1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:10:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 206

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-DUP1.093
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	2	9.1	0.000007	**0.0265**	ug/L
>	Sc	45	719009	665854	6068	0.9	665853.953683		ug/L
	Cr	52	3658	1795	135	7.5	-0.002393	**-2.3803**	ug/L
	Cr	53	21604	1771	67	3.8	-0.027386	**-193.1004**	ug/L
	Cu	65	36	1563	36	2.3	0.003001	**6.6177**	ug/L
	Cu	63	38	3211	74	2.3	0.006229	**6.6102**	ug/L
>	Ge	74	540384	509780	2996	0.6	509779.975052		ug/L
	As	75	-96	46717	604	1.3	0.091816	**380.1635**	ug/L
	As-1	75	2889	49398	509	1.0	0.091553	**379.9380**	ug/L
	Se	77	1993	71	13	18.8	-0.001665	**-182.9350**	ug/L
	Se	82	13	4	23	566.6	-0.000008	**0.1405**	ug/L
	Ag	107	23	488	17	3.5	0.000435	**0.7086**	ug/L
	Ag	109	21	315	18	5.6	0.000275	**0.4482**	ug/L
	Cd	111	11	82	11	13.8	0.000067	**0.5012**	ug/L
	Cd	114	28	77	5	7.1	0.000047	**0.1616**	ug/L
>	In	115	1151262	1072655	13948	1.3	1072655.331678		ug/L
	Sb	121	56	13642	218	1.6	0.012669	**33.1305**	ug/L
>	Tm	169	804781	738955	11346	1.5	738955.261904		ug/L
	Tl	205	6	204	14	6.9	0.000269	**0.1462**	ug/L
	Pb	208	72	7505	135	1.8	0.010066	**4.1388**	ug/L
	C	13	20307	19054	169	0.9	-1253.374956		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	92.607
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	94.337
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	93.172
	Sb	121	
>	Tm	169	91.821
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MS1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:12:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 207

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MS1.094
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	383	28	7.3	0.000560	**3.9629**	ug/L
>	Sc	45	719009	658953	13634	2.1	658952.898395		ug/L
|	Cr	52	3658	64512	1234	1.9	0.092817	**83.0286**	ug/L
⌊	Cr	53	21604	8889	128	1.4	-0.016556	**-118.1470**	ug/L
⌈	Cu	65	36	6074	117	1.9	0.011997	**26.2598**	ug/L
|	Cu	63	38	12519	94	0.8	0.024796	**26.2643**	ug/L
>	Ge	74	540384	503558	9593	1.9	503557.630999		ug/L
|	As	75	-96	64336	989	1.5	0.127947	**530.0185**	ug/L
⌊	As-1	75	2889	67021	1061	1.6	0.127754	**529.8029**	ug/L
⌈	Se	77	1993	417	21	4.9	-0.001334	**-146.4650**	ug/L
|	Se	82	13	428	5	1.2	0.000395	**38.7757**	ug/L
|	Ag	107	23	6254	221	3.5	0.005922	**9.5407**	ug/L
|	Ag	109	21	6089	175	2.9	0.005767	**9.3437**	ug/L
|	Cd	111	11	373	11	3.0	0.000345	**2.5997**	ug/L
|	Cd	114	28	752	29	3.9	0.000690	**2.2295**	ug/L
>	In	115	1151262	1052358	19733	1.9	1052357.607045		ug/L
⌊	Sb	121	56	13071	205	1.6	0.012374	**32.3592**	ug/L
>	Tm	169	804781	724097	16369	2.3	724096.646016		ug/L
|	Tl	205	6	2601	34	1.3	0.003585	**1.9851**	ug/L
⌊	Pb	208	72	10978	332	3.0	0.015070	**6.2024**	ug/L
	C	13	20307	19255	68	0.4	-1051.618062		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	91.647
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	93.185
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.409
	Sb	121	
>	Tm	169	89.974
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MSD1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:15:12
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 208

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MSD1.095
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	418	22	5.1	0.000600	**4.2478**	ug/L
>	Sc	45	719009	673154	3297	0.5	673154.085553		ug/L
	Cr	52	3658	65501	90	0.1	0.092218	**82.4908**	ug/L
	Cr	53	21604	8943	20	0.2	-0.016761	**-119.5672**	ug/L
	Cu	65	36	6372	38	0.6	0.012305	**26.9324**	ug/L
	Cu	63	38	13174	161	1.2	0.025508	**27.0183**	ug/L
>	Ge	74	540384	515035	382	0.1	515034.797655		ug/L
	As	75	-96	64113	332	0.5	0.124660	**516.3860**	ug/L
	As-1	75	2889	66710	364	0.5	0.124179	**515.0026**	ug/L
	Se	77	1993	437	20	4.6	-0.001328	**-145.7624**	ug/L
	Se	82	13	483	18	3.7	0.000434	**42.5532**	ug/L
	Ag	107	23	5752	74	1.3	0.005287	**8.5189**	ug/L
	Ag	109	21	5537	122	2.2	0.005091	**8.2484**	ug/L
	Cd	111	11	373	16	4.3	0.000334	**2.5171**	ug/L
	Cd	114	28	736	9	1.2	0.000654	**2.1162**	ug/L
>	In	115	1151262	1083969	5370	0.5	1083969.280961		ug/L
	Sb	121	56	12461	136	1.1	0.011447	**29.9336**	ug/L
>	Tm	169	804781	751078	7204	1.0	751077.653414		ug/L
	Tl	205	6	2579	43	1.7	0.003427	**1.8974**	ug/L
	Pb	208	72	11382	131	1.2	0.015065	**6.2004**	ug/L
	C	13	20307	19101	41	0.2	-1205.609188		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	93.623
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	95.309
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	94.155
	Sb	121	
>	Tm	169	93.327
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-10RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:17:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 209

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-10RE1.096
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	6	32.8	0.000004	**0.0037**	ug/L
>	Sc	45	719009	671199	2491	0.4	671199.014057		ug/L
	Cr	52	3658	1630	98	6.0	-0.002660	**-2.6200**	ug/L
	Cr	53	21604	1180	60	5.1	-0.028290	**-199.3551**	ug/L
	Cu	65	36	1583	32	2.0	0.003003	**6.6232**	ug/L
	Cu	63	38	3183	58	1.8	0.006100	**6.4731**	ug/L
>	Ge	74	540384	515903	1210	0.2	515902.703996		ug/L
	As	75	-96	50922	567	1.1	0.098880	**409.4606**	ug/L
	As-1	75	2889	53602	652	1.2	0.098553	**408.9163**	ug/L
	Se	77	1993	50	3	5.0	-0.001684	**-185.0747**	ug/L
	Se	82	13	14	13	89.4	0.000001	**1.0453**	ug/L
	Ag	107	23	496	20	4.1	0.000438	**0.7123**	ug/L
	Ag	109	21	314	18	5.8	0.000271	**0.4420**	ug/L
	Cd	111	11	93	10	10.4	0.000076	**0.5684**	ug/L
	Cd	114	28	87	22	25.6	0.000055	**0.1875**	ug/L
>	In	115	1151262	1085161	5283	0.5	1085160.603265		ug/L
	Sb	121	56	15271	61	0.4	0.014025	**36.6766**	ug/L
>	Tm	169	804781	749363	3162	0.4	749363.460817		ug/L
	Tl	205	6	196	12	5.9	0.000254	**0.1377**	ug/L
	Pb	208	72	7003	63	0.9	0.009257	**3.8049**	ug/L
	C	13	20307	19056	100	0.5	-1251.371441		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	93.351
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	95.470
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	94.258
	Sb	121	
>	Tm	169	93.114
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-11RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:19:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 210

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-11RE1.097
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	4	25.6	0.000004	**0.0049**	ug/L
>	Sc	45	719009	667432	1161	0.2	667432.112986		ug/L
	Cr	52	3658	1913	23	1.2	-0.002221	**-2.2266**	ug/L
	Cr	53	21604	1122	43	3.8	-0.028367	**-199.8861**	ug/L
	Cu	65	36	1459	40	2.7	0.002775	**6.1250**	ug/L
	Cu	63	38	3010	35	1.2	0.005791	**6.1464**	ug/L
>	Ge	74	540384	513548	1754	0.3	513548.236948		ug/L
	As	75	-96	24374	327	1.3	0.047640	**196.9387**	ug/L
	As-1	75	2889	27080	353	1.3	0.047388	**197.1013**	ug/L
	Se	77	1993	52	13	24.4	-0.001683	**-184.9019**	ug/L
	Se	82	13	19	8	41.8	0.000006	**1.5243**	ug/L
	Ag	107	23	472	29	6.2	0.000419	**0.6816**	ug/L
	Ag	109	21	322	14	4.3	0.000281	**0.4568**	ug/L
	Cd	111	11	71	10	14.2	0.000056	**0.4216**	ug/L
	Cd	114	28	64	16	25.1	0.000035	**0.1211**	ug/L
>	In	115	1151262	1076283	7831	0.7	1076282.732070		ug/L
	Sb	121	56	7791	68	0.9	0.007190	**18.8005**	ug/L
>	Tm	169	804781	742863	4263	0.6	742863.378396		ug/L
	Tl	205	6	59	8	12.8	0.000072	**0.0369**	ug/L
	Pb	208	72	4996	109	2.2	0.006635	**2.7237**	ug/L
	C	13	20307	19412	82	0.4	-895.286048		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	92.827
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	95.034
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	93.487
	Sb	121	
>	Tm	169	92.306
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-12RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:21:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 211

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-12RE1.098
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	3	15.6	0.000004	**0.0041**	ug/L
>	Sc	45	719009	669577	4331	0.6	669577.487326		ug/L
	Cr	52	3658	1564	112	7.1	-0.002751	**-2.7020**	ug/L
	Cr	53	21604	1039	49	4.7	-0.028495	**-200.7748**	ug/L
	Cu	65	36	1498	17	1.1	0.002875	**6.3422**	ug/L
	Cu	63	38	3138	78	2.5	0.006088	**6.4602**	ug/L
>	Ge	74	540384	509460	4174	0.8	509459.700505		ug/L
	As	75	-96	49681	84	0.2	0.097697	**404.5538**	ug/L
	As-1	75	2889	52364	142	0.3	0.097441	**404.3109**	ug/L
	Se	77	1993	49	5	9.1	-0.001685	**-185.0998**	ug/L
	Se	82	13	4	5	118.9	-0.000008	**0.1623**	ug/L
	Ag	107	23	467	14	3.1	0.000417	**0.6792**	ug/L
	Ag	109	21	306	19	6.3	0.000269	**0.4372**	ug/L
	Cd	111	11	82	10	12.3	0.000067	**0.5037**	ug/L
	Cd	114	28	86	8	9.2	0.000056	**0.1889**	ug/L
>	In	115	1151262	1068076	12513	1.2	1068076.137918		ug/L
	Sb	121	56	14461	110	0.8	0.013491	**35.2817**	ug/L
>	Tm	169	804781	730940	5995	0.8	730939.851299		ug/L
	Tl	205	6	222	30	13.5	0.000296	**0.1611**	ug/L
	Pb	208	72	7777	30	0.4	0.010551	**4.3389**	ug/L
	C	13	20307	19346	107	0.6	-961.426639		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	93.125
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	94.277
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	92.774
	Sb	121	
>	Tm	169	90.825
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-13RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:24:12
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 212

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-13RE1.099
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	5	35.3	0.000001	**-0.0156**	ug/L
>	Sc	45	719009	663324	1116	0.2	663323.819880		ug/L
	Cr	52	3658	1589	114	7.1	-0.002693	**-2.6494**	ug/L
	Cr	53	21604	941	21	2.2	-0.028629	**-201.7019**	ug/L
	Cu	65	36	1574	37	2.4	0.003029	**6.6784**	ug/L
	Cu	63	38	3176	27	0.9	0.006172	**6.5491**	ug/L
>	Ge	74	540384	508790	745	0.1	508790.152135		ug/L
	As	75	-96	50365	299	0.6	0.099166	**410.6480**	ug/L
	As-1	75	2889	52942	199	0.4	0.098709	**409.5626**	ug/L
	Se	77	1993	63	5	8.4	-0.001672	**-183.6868**	ug/L
	Se	82	13	26	10	38.1	0.000013	**2.1720**	ug/L
	Ag	107	23	474	20	4.1	0.000424	**0.6899**	ug/L
	Ag	109	21	306	6	1.9	0.000269	**0.4373**	ug/L
	Cd	111	11	97	8	8.4	0.000081	**0.6048**	ug/L
	Cd	114	28	104	14	13.3	0.000073	**0.2436**	ug/L
>	In	115	1151262	1067914	3199	0.3	1067914.141527		ug/L
	Sb	121	56	14789	111	0.8	0.013800	**36.0889**	ug/L
>	Tm	169	804781	736513	7667	1.0	736512.894257		ug/L
	Tl	205	6	210	2	0.7	0.000279	**0.1513**	ug/L
	Pb	208	72	7127	108	1.5	0.009587	**3.9410**	ug/L
	C	13	20307	19190	301	1.6	-1116.752441		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	92.255
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	94.154
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	92.760
	Sb	121	
>	Tm	169	91.517
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-14RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:26:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 213

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-14RE1.100
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	22	1	5.2	0.000012	**0.0611**	ug/L
>	Sc	45	719009	669230	839	0.1	669229.985346		ug/L
	Cr	52	3658	3140	98	3.1	-0.000397	**-0.5899**	ug/L
	Cr	53	21604	1065	40	3.8	-0.028455	**-200.4994**	ug/L
	Cu	65	36	7809	62	0.8	0.015189	**33.2286**	ug/L
	Cu	63	38	16037	49	0.3	0.031257	**33.1042**	ug/L
>	Ge	74	540384	511905	977	0.2	511904.927585		ug/L
	As	75	-96	68169	277	0.4	0.133344	**552.4023**	ug/L
	As-1	75	2889	70836	307	0.4	0.133032	**551.6528**	ug/L
	Se	77	1993	50	5	9.4	-0.001684	**-185.0059**	ug/L
	Se	82	13	3	10	306.3	-0.000008	**0.1003**	ug/L
	Ag	107	23	375	2	0.6	0.000331	**0.5405**	ug/L
	Ag	109	21	227	22	9.7	0.000194	**0.3163**	ug/L
	Cd	111	11	164	17	10.4	0.000143	**1.0787**	ug/L
	Cd	114	28	263	36	13.5	0.000221	**0.7211**	ug/L
>	In	115	1151262	1070265	6089	0.6	1070265.180639		ug/L
	Sb	121	56	18058	66	0.4	0.016824	**43.9984**	ug/L
>	Tm	169	804781	747445	497	0.1	747445.488211		ug/L
	Tl	205	6	192	26	13.6	0.000250	**0.1356**	ug/L
	Pb	208	72	31114	255	0.8	0.041538	**17.1188**	ug/L
	C	13	20307	20465	267	1.3	158.356743		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	93.077
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	94.730
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	92.965
	Sb	121	
>	Tm	169	92.876
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-15RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:28:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 214

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-15RE1.101
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	6	36.7	0.000004	**0.0057**	ug/L
>	Sc	45	719009	665618	7786	1.2	665617.673739		ug/L
	Cr	52	3658	1501	161	10.7	-0.002835	**-2.7773**	ug/L
	Cr	53	21604	884	26	3.0	-0.028718	**-202.3183**	ug/L
	Cu	65	36	1323	19	1.4	0.002525	**5.5791**	ug/L
	Cu	63	38	2693	15	0.6	0.005204	**5.5250**	ug/L
>	Ge	74	540384	510529	3511	0.7	510528.735091		ug/L
	As	75	-96	46915	413	0.9	0.092071	**381.2200**	ug/L
	As-1	75	2889	49503	361	0.7	0.091618	**380.2043**	ug/L
	Se	77	1993	54	4	7.5	-0.001680	**-184.6227**	ug/L
	Se	82	13	5	2	41.8	-0.000007	**0.2536**	ug/L
	Ag	107	23	459	30	6.4	0.000412	**0.6713**	ug/L
	Ag	109	21	279	8	2.9	0.000245	**0.3987**	ug/L
	Cd	111	11	82	6	6.8	0.000067	**0.5045**	ug/L
	Cd	114	28	89	11	12.6	0.000059	**0.1984**	ug/L
>	In	115	1151262	1062469	14278	1.3	1062469.119302		ug/L
	Sb	121	56	13541	286	2.1	0.012695	**33.1989**	ug/L
>	Tm	169	804781	741669	1974	0.3	741668.700247		ug/L
	Tl	205	6	206	19	9.0	0.000271	**0.1472**	ug/L
	Pb	208	72	6693	62	0.9	0.008935	**3.6723**	ug/L
	C	13	20307	19154	80	0.4	-1153.165513		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	92.574
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	94.475
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	92.287
	Sb	121	
>	Tm	169	92.158
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV6
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 17:30:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV6.102
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	523	22	4.3	0.000793	**1.1251**	ug/L
>	Sc	45	719009	641851	9936	1.5	641851.160207		ug/L
|	Cr	52	3658	50537	632	1.3	0.073653	**13.1674**	ug/L
⌊	Cr	53	21604	18429	801	4.3	-0.001317	**-2.5360**	ug/L
⌈	Cu	65	36	6017	104	1.7	0.012044	**5.2724**	ug/L
|	Cu	63	38	12358	234	1.9	0.024803	**5.2544**	ug/L
>	Ge	74	540384	496818	2192	0.4	496818.307209		ug/L
|	As	75	-96	3126	140	4.5	0.006470	**5.2364**	ug/L
⌊	As-1	75	2889	5461	61	1.1	0.005647	**4.8604**	ug/L
⌈	Se	77	1993	1809	55	3.0	-0.000046	**-0.9149**	ug/L
|	Se	82	13	590	29	5.0	0.000538	**10.4935**	ug/L
|	Ag	107	23	3456	35	1.0	0.003197	**1.0308**	ug/L
|	Ag	109	21	3422	76	2.2	0.003167	**1.0263**	ug/L
|	Cd	111	11	398	14	3.5	0.000361	**0.5440**	ug/L
|	Cd	114	28	897	21	2.3	0.000810	**0.5231**	ug/L
>	In	115	1151262	1074510	15449	1.4	1074510.456671		ug/L
⌊	Sb	121	56	2321	77	3.3	0.002111	**1.1029**	ug/L
>	Tm	169	804781	759968	8254	1.1	759967.713327		ug/L
|	Tl	205	6	1782	27	1.5	0.002337	**0.2586**	ug/L
⌊	Pb	208	72	23766	227	1.0	0.031183	**2.5696**	ug/L
	C	13	20307	16418	269	1.6	-3888.840816		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	89.269
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	91.938
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	93.333
	Sb	121	
>	Tm	169	94.432
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB6
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 17:33:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB6.103
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	1	3.5	0.000004	**0.0014**	ug/L
>	Sc	45	719009	634097	3915	0.6	634097.283661		ug/L
	Cr	52	3658	1858	84	4.5	-0.002159	**-0.4341**	ug/L
	Cr	53	21604	8421	270	3.2	-0.016767	**-23.9208**	ug/L
	Cu	65	36	26	6	21.9	-0.000012	**0.0078**	ug/L
	Cu	63	38	37	3	8.8	0.000004	**0.0041**	ug/L
>	Ge	74	540384	491256	2144	0.4	491255.554024		ug/L
	As	75	-96	-113	44	39.0	-0.000052	**-0.1738**	ug/L
	As-1	75	2889	2461	44	1.8	-0.000336	**-0.0930**	ug/L
	Se	77	1993	751	5	0.6	-0.001030	**-22.5897**	ug/L
	Se	82	13	-6	8	130.6	-0.000017	**-0.1469**	ug/L
	Ag	107	23	27	4	15.2	0.000005	**0.0032**	ug/L
	Ag	109	21	31	7	23.6	0.000010	**0.0038**	ug/L
	Cd	111	11	10	2	17.3	-0.000001	**-0.0016**	ug/L
	Cd	114	28	27	10	36.3	0.000001	**0.0024**	ug/L
>	In	115	1151262	1071986	2177	0.2	1071986.368946		ug/L
	Sb	121	56	29	4	13.2	-0.000022	**-0.0126**	ug/L
>	Tm	169	804781	756191	9772	1.3	756190.990115		ug/L
	Tl	205	6	6	2	24.1	0.000001	**-0.0005**	ug/L
	Pb	208	72	79	10	12.1	0.000015	**-0.0013**	ug/L
	C	13	20307	15848	230	1.5	-4458.517824		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	88.191
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	90.909
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	93.114
	Sb	121	
>	Tm	169	93.962
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-16RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:35:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 215

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-16RE1.104
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	21	4	20.1	0.000011	**0.0540**	ug/L
>	Sc	45	719009	638303	3393	0.5	638302.704243		ug/L
	Cr	52	3658	2521	63	2.5	-0.001139	**-1.2558**	ug/L
	Cr	53	21604	2448	226	9.2	-0.026211	**-184.9678**	ug/L
	Cu	65	36	4901	78	1.6	0.009823	**21.5127**	ug/L
	Cu	63	38	9899	104	1.1	0.019905	**21.0873**	ug/L
>	Ge	74	540384	495588	3183	0.6	495587.985692		ug/L
	As	75	-96	57130	387	0.7	0.115453	**478.1981**	ug/L
	As-1	75	2889	59720	346	0.6	0.115159	**477.6612**	ug/L
	Se	77	1993	76	12	15.3	-0.001658	**-182.1768**	ug/L
	Se	82	13	-3	11	372.0	-0.000015	**-0.4781**	ug/L
	Ag	107	23	327	11	3.2	0.000294	**0.4816**	ug/L
	Ag	109	21	225	12	5.3	0.000198	**0.3231**	ug/L
	Cd	111	11	162	15	9.0	0.000146	**1.0948**	ug/L
	Cd	114	28	256	19	7.3	0.000221	**0.7204**	ug/L
>	In	115	1151262	1041923	9333	0.9	1041922.692640		ug/L
	Sb	121	56	16562	442	2.7	0.015847	**41.4429**	ug/L
>	Tm	169	804781	736165	5938	0.8	736164.899166		ug/L
	Tl	205	6	209	2	1.1	0.000276	**0.1501**	ug/L
	Pb	208	72	27109	226	0.8	0.036736	**15.1382**	ug/L
	C	13	20307	18758	134	0.7	-1548.989150		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	88.775
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	91.710
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.503
	Sb	121	
>	Tm	169	91.474
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-17RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:37:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 216

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-17RE1.105
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	3	15.1	0.000005	**0.0081**	ug/L
>	Sc	45	719009	642519	1693	0.3	642518.767027		ug/L
	Cr	52	3658	1599	62	3.8	-0.002600	**-2.5664**	ug/L
	Cr	53	21604	1680	96	5.7	-0.027433	**-193.4235**	ug/L
	Cu	65	36	1416	9	0.6	0.002780	**6.1359**	ug/L
	Cu	63	38	2978	31	1.0	0.005916	**6.2789**	ug/L
>	Ge	74	540384	497455	2015	0.4	497454.706443		ug/L
	As	75	-96	49313	321	0.7	0.099307	**411.2304**	ug/L
	As-1	75	2889	51871	376	0.7	0.098927	**410.4612**	ug/L
	Se	77	1993	67	5	7.9	-0.001667	**-183.1191**	ug/L
	Se	82	13	12	10	84.8	-0.000000	**0.8746**	ug/L
	Ag	107	23	458	11	2.4	0.000419	**0.6817**	ug/L
	Ag	109	21	302	26	8.5	0.000271	**0.4416**	ug/L
	Cd	111	11	90	8	9.0	0.000077	**0.5742**	ug/L
	Cd	114	28	85	2	2.9	0.000057	**0.1914**	ug/L
>	In	115	1151262	1044646	6589	0.6	1044645.872915		ug/L
	Sb	121	56	14248	52	0.4	0.013591	**35.5428**	ug/L
>	Tm	169	804781	728904	6265	0.9	728904.187345		ug/L
	Tl	205	6	208	9	4.4	0.000278	**0.1511**	ug/L
	Pb	208	72	7074	122	1.7	0.009615	**3.9528**	ug/L
	C	13	20307	18330	110	0.6	-1976.860826		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.362
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.056
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.739
	Sb	121	
>	Tm	169	90.572
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-18RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:39:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 217

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-18RE1.106
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	4	24.0	0.000002	**-0.0110**	ug/L
>	Sc	45	719009	644798	2961	0.5	644798.166323		ug/L
	Cr	52	3658	1567	80	5.1	-0.002658	**-2.6185**	ug/L
	Cr	53	21604	1397	63	4.5	-0.027881	**-196.5246**	ug/L
	Cu	65	36	1466	21	1.4	0.002872	**6.3367**	ug/L
	Cu	63	38	2980	25	0.8	0.005904	**6.2654**	ug/L
>	Ge	74	540384	498912	2816	0.6	498911.856645		ug/L
	As	75	-96	48572	591	1.2	0.097531	**403.8649**	ug/L
	As-1	75	2889	51156	561	1.1	0.097189	**403.2664**	ug/L
	Se	77	1993	58	12	19.7	-0.001675	**-184.0937**	ug/L
	Se	82	13	8	11	137.2	-0.000004	**0.5306**	ug/L
	Ag	107	23	447	15	3.3	0.000404	**0.6574**	ug/L
	Ag	109	21	289	20	6.8	0.000256	**0.4163**	ug/L
	Cd	111	11	85	13	14.9	0.000070	**0.5272**	ug/L
	Cd	114	28	89	7	8.2	0.000060	**0.2014**	ug/L
>	In	115	1151262	1055147	3004	0.3	1055147.070081		ug/L
	Sb	121	56	13931	216	1.6	0.013154	**34.3993**	ug/L
>	Tm	169	804781	729521	2831	0.4	729520.806385		ug/L
	Tl	205	6	226	11	4.8	0.000303	**0.1649**	ug/L
	Pb	208	72	7016	82	1.2	0.009528	**3.9168**	ug/L
	C	13	20307	18220	104	0.6	-2086.748109		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.679
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.325
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.651
	Sb	121	
>	Tm	169	90.648
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-19RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:42:12
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 218

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-19RE1.107
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	1	6.7	0.000006	**0.0145**	ug/L
>	Sc	45	719009	645883	3111	0.5	645882.597876		ug/L
	Cr	52	3658	1623	97	6.0	-0.002575	**-2.5438**	ug/L
	Cr	53	21604	1236	10	0.8	-0.028133	**-198.2676**	ug/L
	Cu	65	36	1505	11	0.7	0.002942	**6.4884**	ug/L
	Cu	63	38	3138	42	1.3	0.006202	**6.5808**	ug/L
>	Ge	74	540384	500350	1743	0.3	500349.565102		ug/L
	As	75	-96	47296	52	0.1	0.094703	**392.1363**	ug/L
	As-1	75	2889	49934	62	0.1	0.094453	**391.9401**	ug/L
	Se	77	1993	57	6	9.6	-0.001676	**-184.1348**	ug/L
	Se	82	13	11	14	120.0	-0.000001	**0.8439**	ug/L
	Ag	107	23	460	15	3.2	0.000421	**0.6847**	ug/L
	Ag	109	21	287	10	3.6	0.000257	**0.4180**	ug/L
	Cd	111	11	82	11	13.2	0.000069	**0.5144**	ug/L
	Cd	114	28	78	2	2.9	0.000050	**0.1695**	ug/L
>	In	115	1151262	1044003	671	0.1	1044002.550911		ug/L
	Sb	121	56	14193	128	0.9	0.013546	**35.4250**	ug/L
>	Tm	169	804781	731180	5052	0.7	731180.056207		ug/L
	Tl	205	6	203	7	3.6	0.000270	**0.1466**	ug/L
	Pb	208	72	6943	54	0.8	0.009407	**3.8670**	ug/L
	C	13	20307	18519	140	0.8	-1788.145333		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.830
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.592
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.683
	Sb	121	
>	Tm	169	90.854
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-DUP2
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:44:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 219

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-DUP2.108
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	12	4	30.7	-0.000002	**-0.0415**	ug/L
>	Sc	45	719009	650648	3086	0.5	650648.066912		ug/L
	Cr	52	3658	1553	75	4.9	-0.002701	**-2.6571**	ug/L
	Cr	53	21604	1115	26	2.3	-0.028334	**-199.6608**	ug/L
	Cu	65	36	1284	34	2.7	0.002501	**5.5261**	ug/L
	Cu	63	38	2614	32	1.2	0.005156	**5.4737**	ug/L
>	Ge	74	540384	500229	3304	0.7	500229.486415		ug/L
	As	75	-96	44561	623	1.4	0.089256	**369.5425**	ug/L
	As-1	75	2889	47138	560	1.2	0.088886	**368.8958**	ug/L
	Se	77	1993	59	7	11.0	-0.001675	**-184.0379**	ug/L
	Se	82	13	7	25	350.1	-0.000005	**0.4363**	ug/L
	Ag	107	23	422	14	3.3	0.000377	**0.6149**	ug/L
	Ag	109	21	265	21	7.9	0.000231	**0.3764**	ug/L
	Cd	111	11	68	9	12.6	0.000054	**0.4020**	ug/L
	Cd	114	28	86	14	16.7	0.000056	**0.1887**	ug/L
>	In	115	1151262	1063279	1095	0.1	1063279.191876		ug/L
	Sb	121	56	12097	201	1.7	0.011329	**29.6245**	ug/L
>	Tm	169	804781	740509	7217	1.0	740509.227761		ug/L
	Tl	205	6	218	7	3.0	0.000287	**0.1559**	ug/L
	Pb	208	72	6858	72	1.1	0.009172	**3.7702**	ug/L
	C	13	20307	18465	156	0.8	-1841.921040		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	90.492
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.569
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	92.358
	Sb	121	
>	Tm	169	92.014
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MS2
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:46:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 220

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MS2.109
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	396	35	8.9	0.000591	**4.1837**	ug/L
>	Sc	45	719009	646709	3274	0.5	646709.063721		ug/L
	Cr	52	3658	63304	129	0.2	0.092799	**83.0124**	ug/L
	Cr	53	21604	8286	96	1.2	-0.017234	**-122.8364**	ug/L
	Cu	65	36	6203	36	0.6	0.012399	**27.1383**	ug/L
	Cu	63	38	12681	175	1.4	0.025412	**26.9163**	ug/L
>	Ge	74	540384	497626	1939	0.4	497626.386855		ug/L
	As	75	-96	63785	416	0.7	0.128355	**531.7084**	ug/L
	As-1	75	2889	66189	458	0.7	0.127663	**529.4259**	ug/L
	Se	77	1993	395	14	3.4	-0.001354	**-148.7183**	ug/L
	Se	82	13	471	14	3.0	0.000437	**42.7957**	ug/L
	Ag	107	23	6534	24	0.4	0.006206	**9.9982**	ug/L
	Ag	109	21	6350	44	0.7	0.006032	**9.7734**	ug/L
	Cd	111	11	406	22	5.4	0.000377	**2.8392**	ug/L
	Cd	114	28	781	16	2.0	0.000719	**2.3251**	ug/L
>	In	115	1151262	1049559	8408	0.8	1049558.513608		ug/L
	Sb	121	56	13230	91	0.7	0.012557	**32.8376**	ug/L
>	Tm	169	804781	733679	10842	1.5	733679.187942		ug/L
	Tl	205	6	2560	7	0.3	0.003483	**1.9283**	ug/L
	Pb	208	72	10830	32	0.3	0.014674	**6.0392**	ug/L
	C	13	20307	18558	68	0.4	-1749.066308		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.945
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.088
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.166
	Sb	121	
>	Tm	169	91.165
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MSD2
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:48:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 221

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MSD2.110
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	403	14	3.5	0.000601	**4.2590**	ug/L
>	Sc	45	719009	646926	2851	0.4	646926.314832		ug/L
	Cr	52	3658	65700	159	0.2	0.096470	**86.3049**	ug/L
	Cr	53	21604	8659	82	0.9	-0.016662	**-118.8819**	ug/L
	Cu	65	36	6424	74	1.2	0.012846	**28.1138**	ug/L
	Cu	63	38	13374	137	1.0	0.026813	**28.3996**	ug/L
>	Ge	74	540384	497500	3135	0.6	497500.297566		ug/L
	As	75	-96	69000	427	0.6	0.138873	**575.3336**	ug/L
	As-1	75	2889	71461	395	0.6	0.138299	**573.4562**	ug/L
	Se	77	1993	390	7	1.8	-0.001359	**-149.2456**	ug/L
	Se	82	13	443	14	3.2	0.000410	**40.2559**	ug/L
	Ag	107	23	5645	63	1.1	0.005357	**8.6311**	ug/L
	Ag	109	21	5351	62	1.2	0.005079	**8.2293**	ug/L
	Cd	111	11	370	22	5.9	0.000343	**2.5858**	ug/L
	Cd	114	28	763	15	2.0	0.000702	**2.2689**	ug/L
>	In	115	1151262	1049879	9258	0.9	1049879.384224		ug/L
	Sb	121	56	14508	67	0.5	0.013771	**36.0120**	ug/L
>	Tm	169	804781	731512	4253	0.6	731512.349049		ug/L
	Tl	205	6	2595	49	1.9	0.003540	**1.9600**	ug/L
	Pb	208	72	11045	88	0.8	0.015010	**6.1776**	ug/L
	C	13	20307	18416	220	1.2	-1891.019601		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.975
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.064
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.194
	Sb	121	
>	Tm	169	90.896
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-20RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:51:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 222

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-20RE1.111
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	4	24.0	0.000002	**-0.0118**	ug/L
>	Sc	45	719009	648349	334	0.1	648348.892899		ug/L
	Cr	52	3658	1560	142	9.1	-0.002682	**-2.6396**	ug/L
	Cr	53	21604	896	35	3.9	-0.028666	**-201.9556**	ug/L
	Cu	65	36	1088	6	0.6	0.002106	**4.6641**	ug/L
	Cu	63	38	2181	29	1.3	0.004285	**4.5522**	ug/L
>	Ge	74	540384	500804	1540	0.3	500803.896472		ug/L
	As	75	-96	42629	129	0.3	0.085299	**353.1320**	ug/L
	As-1	75	2889	45242	120	0.3	0.084993	**352.7791**	ug/L
	Se	77	1993	49	5	9.1	-0.001684	**-185.0107**	ug/L
	Se	82	13	11	11	98.9	-0.000001	**0.7800**	ug/L
	Ag	107	23	426	11	2.6	0.000386	**0.6293**	ug/L
	Ag	109	21	267	12	4.7	0.000236	**0.3840**	ug/L
	Cd	111	11	67	7	10.4	0.000054	**0.4057**	ug/L
	Cd	114	28	73	11	15.1	0.000045	**0.1531**	ug/L
>	In	115	1151262	1050298	6553	0.6	1050297.842349		ug/L
	Sb	121	56	9097	132	1.4	0.008613	**22.5217**	ug/L
>	Tm	169	804781	731412	5910	0.8	731412.309193		ug/L
	Tl	205	6	218	6	2.7	0.000291	**0.1580**	ug/L
	Pb	208	72	6993	193	2.8	0.009470	**3.8930**	ug/L
	C	13	20307	18542	196	1.1	-1764.763716		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	90.173
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.676
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.230
	Sb	121	
>	Tm	169	90.883
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-21RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:53:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 223

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-21RE1.112
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	2	12.5	0.000005	**0.0077**	ug/L
>	Sc	45	719009	643672	4599	0.7	643672.162774		ug/L
	Cr	52	3658	1600	49	3.1	-0.002602	**-2.5683**	ug/L
	Cr	53	21604	878	19	2.2	-0.028684	**-202.0791**	ug/L
	Cu	65	36	1600	48	3.0	0.003159	**6.9635**	ug/L
	Cu	63	38	3333	51	1.5	0.006644	**7.0494**	ug/L
>	Ge	74	540384	496396	5386	1.1	496395.614988		ug/L
	As	75	-96	47826	583	1.2	0.096523	**399.6855**	ug/L
	As-1	75	2889	50400	599	1.2	0.096185	**399.1127**	ug/L
	Se	77	1993	56	4	7.8	-0.001677	**-184.2479**	ug/L
	Se	82	13	11	8	69.3	-0.000001	**0.8200**	ug/L
	Ag	107	23	431	26	6.1	0.000395	**0.6433**	ug/L
	Ag	109	21	300	18	6.0	0.000270	**0.4393**	ug/L
	Cd	111	11	82	8	9.8	0.000069	**0.5188**	ug/L
	Cd	114	28	91	9	10.2	0.000063	**0.2119**	ug/L
>	In	115	1151262	1039786	15569	1.5	1039786.060021		ug/L
	Sb	121	56	13971	215	1.5	0.013388	**35.0114**	ug/L
>	Tm	169	804781	725190	13110	1.8	725190.411772		ug/L
	Tl	205	6	211	7	3.3	0.000284	**0.1542**	ug/L
	Pb	208	72	7106	102	1.4	0.009710	**3.9919**	ug/L
	C	13	20307	18685	101	0.5	-1621.805826		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.522
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	91.860
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.317
	Sb	121	
>	Tm	169	90.110
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-22RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 17:55:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 224

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-22RE1.113
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	6	35.2	0.000004	**0.0070**	ug/L
>	Sc	45	719009	646654	840	0.1	646654.016853		ug/L
	Cr	52	3658	1712	14	0.8	-0.002441	**-2.4235**	ug/L
	Cr	53	21604	840	9	1.1	-0.028748	**-202.5216**	ug/L
	Cu	65	36	1589	27	1.7	0.003102	**6.8397**	ug/L
	Cu	63	38	3181	49	1.5	0.006273	**6.6560**	ug/L
>	Ge	74	540384	501439	1679	0.3	501438.850130		ug/L
	As	75	-96	47552	260	0.5	0.095008	**393.4012**	ug/L
	As-1	75	2889	50114	250	0.5	0.094596	**392.5344**	ug/L
	Se	77	1993	39	3	8.2	-0.001693	**-186.0789**	ug/L
	Se	82	13	4	8	187.2	-0.000008	**0.1645**	ug/L
	Ag	107	23	454	22	4.8	0.000411	**0.6691**	ug/L
	Ag	109	21	300	24	8.1	0.000266	**0.4333**	ug/L
	Cd	111	11	76	13	17.2	0.000062	**0.4650**	ug/L
	Cd	114	28	88	6	6.6	0.000059	**0.1979**	ug/L
>	In	115	1151262	1055272	3590	0.3	1055271.835177		ug/L
	Sb	121	56	14018	30	0.2	0.013236	**34.6128**	ug/L
>	Tm	169	804781	736146	7660	1.0	736146.236736		ug/L
	Tl	205	6	206	14	6.9	0.000272	**0.1478**	ug/L
	Pb	208	72	6824	98	1.4	0.009181	**3.7737**	ug/L
	C	13	20307	18269	57	0.3	-2037.649997		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	89.937
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.793
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.662
	Sb	121	
>	Tm	169	91.472
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV7
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 17:57:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV7.114
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	966	36	3.7	0.001537	**2.1851**	ug/L
>	Sc	45	719009	619959	12936	2.1	619959.411686		ug/L
|	Cr	52	3658	94095	1890	2.0	0.146695	**26.2719**	ug/L
⌊	Cr	53	21604	23030	774	3.4	0.007112	**9.1319**	ug/L
⌈	Cu	65	36	11276	124	1.1	0.023447	**10.2519**	ug/L
|	Cu	63	38	23339	680	2.9	0.048590	**10.2904**	ug/L
>	Ge	74	540384	479572	7476	1.6	479571.544813		ug/L
|	As	75	-96	6298	326	5.2	0.013306	**10.9069**	ug/L
⌊	As-1	75	2889	8513	406	4.8	0.012400	**10.4517**	ug/L
⌈	Se	77	1993	2108	62	2.9	0.000312	**6.9802**	ug/L
|	Se	82	13	1086	41	3.8	0.001041	**20.1363**	ug/L
|	Ag	107	23	6577	166	2.5	0.006351	**2.0461**	ug/L
|	Ag	109	21	6483	157	2.4	0.006261	**2.0290**	ug/L
|	Cd	111	11	785	39	4.9	0.000750	**1.1317**	ug/L
|	Cd	114	28	1719	49	2.8	0.001641	**1.0581**	ug/L
>	In	115	1151262	1032315	19833	1.9	1032314.550231		ug/L
⌊	Sb	121	56	4284	125	2.9	0.004100	**2.1438**	ug/L
>	Tm	169	804781	741380	20333	2.7	741380.194039		ug/L
|	Tl	205	6	3455	79	2.3	0.004654	**0.5155**	ug/L
⌊	Pb	208	72	45415	1466	3.2	0.061162	**5.0425**	ug/L
	C	13	20307	16052	319	2.0	-4255.159709		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	86.224
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	88.747
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	89.668
	Sb	121	
>	Tm	169	92.122
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB7
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 18:00:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB7.115
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	3	17.6	0.000006	**0.0041**	ug/L
>	Sc	45	719009	613980	3618	0.6	613979.917441		ug/L
	Cr	52	3658	1794	75	4.2	-0.002167	**-0.4356**	ug/L
	Cr	53	21604	8066	163	2.0	-0.016910	**-24.1188**	ug/L
	Cu	65	36	21	4	19.6	-0.000023	**0.0032**	ug/L
	Cu	63	38	37	2	5.7	0.000006	**0.0045**	ug/L
>	Ge	74	540384	479540	3430	0.7	479539.769658		ug/L
	As	75	-96	-37	166	442.5	0.000100	**-0.0470**	ug/L
	As-1	75	2889	2454	153	6.2	-0.000226	**-0.0017**	ug/L
	Se	77	1993	691	53	7.6	-0.001065	**-23.3576**	ug/L
	Se	82	13	-4	9	219.6	-0.000015	**-0.1135**	ug/L
	Ag	107	23	38	10	25.7	0.000017	**0.0071**	ug/L
	Ag	109	21	30	7	24.0	0.000011	**0.0039**	ug/L
	Cd	111	11	7	2	20.8	-0.000003	**-0.0050**	ug/L
	Cd	114	28	18	9	51.9	-0.000008	**-0.0030**	ug/L
>	In	115	1151262	1037744	5920	0.6	1037744.220683		ug/L
	Sb	121	56	31	2	6.6	-0.000018	**-0.0108**	ug/L
>	Tm	169	804781	746815	9978	1.3	746815.281301		ug/L
	Tl	205	6	4	1	25.0	-0.000002	**-0.0008**	ug/L
	Pb	208	72	69	8	11.1	0.000002	**-0.0024**	ug/L
	C	13	20307	15374	159	1.0	-4932.999255		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.393
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.741
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.140
	Sb	121	
>	Tm	169	92.797
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-23RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:02:23
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 225

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-23RE1.116
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	2	10.2	0.000012	**0.0589**	ug/L
>	Sc	45	719009	614985	2237	0.4	614985.310402		ug/L
	Cr	52	3658	1635	16	1.0	-0.002429	**-2.4130**	ug/L
	Cr	53	21604	2237	193	8.6	-0.026409	**-186.3366**	ug/L
	Cu	65	36	1598	49	3.0	0.003232	**7.1221**	ug/L
	Cu	63	38	3247	124	3.8	0.006628	**7.0322**	ug/L
>	Ge	74	540384	484655	4842	1.0	484654.658676		ug/L
	As	75	-96	46424	159	0.3	0.095973	**397.4031**	ug/L
	As-1	75	2889	48938	196	0.4	0.095638	**396.8492**	ug/L
	Se	77	1993	72	6	8.4	-0.001660	**-182.4154**	ug/L
	Se	82	13	14	5	36.7	0.000002	**1.1191**	ug/L
	Ag	107	23	480	28	5.9	0.000450	**0.7326**	ug/L
	Ag	109	21	320	8	2.5	0.000295	**0.4797**	ug/L
	Cd	111	11	83	8	9.1	0.000071	**0.5351**	ug/L
	Cd	114	28	82	11	13.9	0.000056	**0.1891**	ug/L
>	In	115	1151262	1021321	5976	0.6	1021320.825784		ug/L
	Sb	121	56	12872	163	1.3	0.012555	**32.8312**	ug/L
>	Tm	169	804781	721396	11511	1.6	721396.011480		ug/L
	Tl	205	6	216	11	4.9	0.000293	**0.1593**	ug/L
	Pb	208	72	7009	59	0.8	0.009628	**3.9580**	ug/L
	C	13	20307	17317	161	0.9	-2989.843455		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.532
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	89.687
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	88.713
	Sb	121	
>	Tm	169	89.639
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-24RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:04:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 226

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-24RE1.117
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	37	13	36.4	0.000038	**0.2474**	ug/L
>	Sc	45	719009	619605	9046	1.5	619605.283472		ug/L
	Cr	52	3658	4689	63	1.3	0.002480	**1.9912**	ug/L
	Cr	53	21604	2017	73	3.6	-0.026792	**-188.9845**	ug/L
	Cu	65	36	13660	333	2.4	0.028516	**62.3256**	ug/L
	Cu	63	38	28152	552	2.0	0.058835	**62.2976**	ug/L
>	Ge	74	540384	477909	9369	2.0	477908.736493		ug/L
	As	75	-96	73885	1157	1.6	0.154785	**641.3316**	ug/L
	As-1	75	2889	76460	1140	1.5	0.154654	**641.1621**	ug/L
	Se	77	1993	70	8	12.0	-0.001661	**-182.5538**	ug/L
	Se	82	13	22	6	25.4	0.000011	**1.9398**	ug/L
	Ag	107	23	365	5	1.3	0.000344	**0.5612**	ug/L
	Ag	109	21	247	12	4.7	0.000227	**0.3704**	ug/L
	Cd	111	11	190	13	7.0	0.000179	**1.3466**	ug/L
	Cd	114	28	335	18	5.4	0.000309	**1.0037**	ug/L
>	In	115	1151262	1004241	24413	2.4	1004241.168425		ug/L
	Sb	121	56	13690	264	1.9	0.013585	**35.5256**	ug/L
>	Tm	169	804781	700388	20486	2.9	700387.870986		ug/L
	Tl	205	6	311	5	1.5	0.000438	**0.2396**	ug/L
	Pb	208	72	52859	1166	2.2	0.075394	**31.0822**	ug/L
	C	13	20307	19363	271	1.4	-944.054108		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.175
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.439
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.230
	Sb	121	
>	Tm	169	87.028
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-25RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:06:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 227

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-25RE1.118
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	5	31.5	0.000001	**-0.0144**	ug/L
>	Sc	45	719009	630119	3531	0.6	630119.024570		ug/L
	Cr	52	3658	1624	120	7.4	-0.002511	**-2.4867**	ug/L
	Cr	53	21604	1324	65	4.9	-0.027947	**-196.9826**	ug/L
	Cu	65	36	1601	15	0.9	0.003197	**7.0460**	ug/L
	Cu	63	38	3222	67	2.1	0.006496	**6.8920**	ug/L
>	Ge	74	540384	490707	1013	0.2	490707.314712		ug/L
	As	75	-96	49608	399	0.8	0.101272	**419.3799**	ug/L
	As-1	75	2889	52179	460	0.9	0.100987	**418.9930**	ug/L
	Se	77	1993	54	6	10.3	-0.001679	**-184.4460**	ug/L
	Se	82	13	13	7	55.0	0.000001	**0.9813**	ug/L
	Ag	107	23	493	21	4.3	0.000459	**0.7463**	ug/L
	Ag	109	21	308	20	6.3	0.000280	**0.4565**	ug/L
	Cd	111	11	76	8	10.8	0.000064	**0.4786**	ug/L
	Cd	114	28	76	12	15.9	0.000049	**0.1685**	ug/L
>	In	115	1151262	1030143	4419	0.4	1030143.091040		ug/L
	Sb	121	56	15324	138	0.9	0.014827	**38.7760**	ug/L
>	Tm	169	804781	725628	1455	0.2	725628.156580		ug/L
	Tl	205	6	215	21	9.6	0.000289	**0.1570**	ug/L
	Pb	208	72	7279	229	3.1	0.009942	**4.0877**	ug/L
	C	13	20307	17873	150	0.8	-2433.768872		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	87.637
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	90.807
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	89.479
	Sb	121	
>	Tm	169	90.165
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-26RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:09:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 228

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-26RE1.119
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	3	20.5	0.000004	**0.0007**	ug/L
>	Sc	45	719009	628503	6628	1.1	628503.445585		ug/L
	Cr	52	3658	1607	157	9.8	-0.002532	**-2.5053**	ug/L
	Cr	53	21604	1136	43	3.7	-0.028240	**-199.0073**	ug/L
	Cu	65	36	99	12	12.4	0.000137	**0.3662**	ug/L
	Cu	63	38	192	8	4.1	0.000322	**0.3566**	ug/L
>	Ge	74	540384	488738	5378	1.1	488737.975990		ug/L
	As	75	-96	76	33	43.0	0.000331	**0.7227**	ug/L
	As-1	75	2889	2642	25	0.9	0.000062	**1.1813**	ug/L
	Se	77	1993	43	11	25.1	-0.001690	**-185.6413**	ug/L
	Se	82	13	-9	6	64.7	-0.000021	**-1.0619**	ug/L
	Ag	107	23	442	12	2.7	0.000407	**0.6624**	ug/L
	Ag	109	21	301	21	7.1	0.000272	**0.4426**	ug/L
	Cd	111	11	53	7	13.2	0.000041	**0.3075**	ug/L
	Cd	114	28	25	9	36.7	-0.000001	**0.0076**	ug/L
>	In	115	1151262	1035855	13697	1.3	1035854.946171		ug/L
	Sb	121	56	221	18	8.0	0.000164	**0.4239**	ug/L
>	Tm	169	804781	722661	15812	2.2	722660.601143		ug/L
	Tl	205	6	7	2	22.9	0.000002	**-0.0020**	ug/L
	Pb	208	72	269	28	10.3	0.000283	**0.1039**	ug/L
	C	13	20307	16599	204	1.2	-3707.847032		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	87.413
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	90.443
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	89.976
	Sb	121	
>	Tm	169	89.796
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-03RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:11:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 229

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245020-03RE1.120
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	1	8.4	0.000000	**-0.0227**	ug/L
>	Sc	45	719009	632514	4092	0.6	632513.864122		ug/L
	Cr	52	3658	1754	218	12.5	-0.002316	**-2.3112**	ug/L
	Cr	53	21604	1068	39	3.6	-0.028358	**-199.8256**	ug/L
	Cu	65	36	1132	29	2.5	0.002228	**4.9307**	ug/L
	Cu	63	38	2331	85	3.6	0.004651	**4.9395**	ug/L
>	Ge	74	540384	493615	2015	0.4	493614.645953		ug/L
	As	75	-96	19731	315	1.6	0.040149	**165.8701**	ug/L
	As-1	75	2889	22315	265	1.2	0.039862	**165.9460**	ug/L
	Se	77	1993	52	2	4.5	-0.001681	**-184.7136**	ug/L
	Se	82	13	18	10	54.7	0.000006	**1.5025**	ug/L
	Ag	107	23	453	13	2.9	0.000416	**0.6766**	ug/L
	Ag	109	21	290	7	2.3	0.000261	**0.4243**	ug/L
	Cd	111	11	63	10	15.3	0.000050	**0.3763**	ug/L
	Cd	114	28	45	7	16.2	0.000019	**0.0690**	ug/L
>	In	115	1151262	1040116	6047	0.6	1040115.708622		ug/L
	Sb	121	56	6771	67	1.0	0.006461	**16.8935**	ug/L
>	Tm	169	804781	730049	8147	1.1	730049.022092		ug/L
	Tl	205	6	25	2	8.0	0.000027	**0.0119**	ug/L
	Pb	208	72	3668	75	2.0	0.004934	**2.0222**	ug/L
	C	13	20307	17732	152	0.9	-2574.711119		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	87.970
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	91.345
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.346
	Sb	121	
>	Tm	169	90.714
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-DUP3
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:13:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 230

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-DUP3.121
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	2	15.4	-0.000001	**-0.0305**	ug/L
>	Sc	45	719009	633717	3320	0.5	633716.945517		ug/L
	Cr	52	3658	1920	30	1.6	-0.002059	**-2.0807**	ug/L
	Cr	53	21604	1003	31	3.1	-0.028464	**-200.5595**	ug/L
	Cu	65	36	734	39	5.3	0.001428	**3.1835**	ug/L
	Cu	63	38	1515	37	2.4	0.003015	**3.2077**	ug/L
>	Ge	74	540384	491042	4566	0.9	491042.018630		ug/L
	As	75	-96	17389	158	0.9	0.035590	**146.9602**	ug/L
	As-1	75	2889	19939	150	0.8	0.035263	**146.9082**	ug/L
	Se	77	1993	57	5	8.0	-0.001676	**-184.1447**	ug/L
	Se	82	13	9	5	60.0	-0.000003	**0.6081**	ug/L
	Ag	107	23	447	25	5.7	0.000410	**0.6674**	ug/L
	Ag	109	21	250	16	6.6	0.000222	**0.3616**	ug/L
	Cd	111	11	64	11	16.5	0.000052	**0.3892**	ug/L
	Cd	114	28	40	8	18.5	0.000014	**0.0550**	ug/L
>	In	115	1151262	1039539	13469	1.3	1039538.807764		ug/L
	Sb	121	56	4888	60	1.2	0.004653	**12.1650**	ug/L
>	Tm	169	804781	723502	9900	1.4	723501.758180		ug/L
	Tl	205	6	20	4	20.5	0.000021	**0.0085**	ug/L
	Pb	208	72	3547	55	1.6	0.004813	**1.9722**	ug/L
	C	13	20307	17765	5	0.0	-2541.981495		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	88.138
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	90.869
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.296
	Sb	121	
>	Tm	169	89.900
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MS3
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:15:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 231

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MS3.122
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	373	3	0.9	0.000564	**3.9939**	ug/L
>	Sc	45	719009	637922	1829	0.3	637922.059515		ug/L
	Cr	52	3658	64743	205	0.3	0.096403	**86.2452**	ug/L
	Cr	53	21604	8376	95	1.1	-0.016917	**-120.6414**	ug/L
	Cu	65	36	4874	114	2.3	0.009718	**21.2847**	ug/L
	Cu	63	38	10000	61	0.6	0.020004	**21.1913**	ug/L
>	Ge	74	540384	498165	655	0.1	498164.582310		ug/L
	As	75	-96	38035	146	0.4	0.076528	**316.7528**	ug/L
	As-1	75	2889	40488	172	0.4	0.075930	**315.2590**	ug/L
	Se	77	1993	394	14	3.4	-0.001355	**-148.7946**	ug/L
	Se	82	13	462	26	5.6	0.000429	**42.0366**	ug/L
	Ag	107	23	6334	19	0.3	0.006024	**9.7048**	ug/L
	Ag	109	21	6095	39	0.6	0.005797	**9.3933**	ug/L
	Cd	111	11	279	11	4.1	0.000256	**1.9292**	ug/L
	Cd	114	28	522	6	1.2	0.000473	**1.5319**	ug/L
>	In	115	1151262	1048004	3702	0.4	1048003.792780		ug/L
	Sb	121	56	6785	137	2.0	0.006425	**16.7987**	ug/L
>	Tm	169	804781	733772	6771	0.9	733772.268968		ug/L
	Tl	205	6	2429	8	0.3	0.003304	**1.8291**	ug/L
	Pb	208	72	7839	82	1.0	0.010593	**4.3562**	ug/L
	C	13	20307	17760	25	0.1	-2547.325232		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	88.722
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	92.187
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	91.031
	Sb	121	
>	Tm	169	91.177
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MSD3
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:18:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 232

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MSD3.123
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	378	7	1.7	0.000576	**4.0830**	ug/L
>	Sc	45	719009	632343	4657	0.7	632343.428742		ug/L
	Cr	52	3658	64935	681	1.0	0.097610	**87.3281**	ug/L
	Cr	53	21604	8477	104	1.2	-0.016641	**-118.7302**	ug/L
	Cu	65	36	4840	15	0.3	0.009746	**21.3452**	ug/L
	Cu	63	38	9971	125	1.2	0.020146	**21.3424**	ug/L
>	Ge	74	540384	493236	3310	0.7	493236.142295		ug/L
	As	75	-96	38733	85	0.2	0.078708	**325.7948**	ug/L
	As-1	75	2889	41149	94	0.2	0.078084	**324.1758**	ug/L
	Se	77	1993	363	10	2.7	-0.001383	**-151.9110**	ug/L
	Se	82	13	441	2	0.5	0.000410	**40.2540**	ug/L
	Ag	107	23	6142	101	1.6	0.005852	**9.4276**	ug/L
	Ag	109	21	5908	38	0.7	0.005630	**9.1224**	ug/L
	Cd	111	11	291	36	12.5	0.000268	**2.0215**	ug/L
	Cd	114	28	530	5	0.9	0.000482	**1.5610**	ug/L
>	In	115	1151262	1046028	3500	0.3	1046028.120155		ug/L
	Sb	121	56	7002	97	1.4	0.006645	**17.3749**	ug/L
>	Tm	169	804781	729730	6475	0.9	729729.720796		ug/L
	Tl	205	6	2500	21	0.9	0.003418	**1.8927**	ug/L
	Pb	208	72	7738	43	0.5	0.010515	**4.3241**	ug/L
	C	13	20307	18096	38	0.2	-2210.996252		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	87.947
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	91.275
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.859
	Sb	121	
>	Tm	169	90.674
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-07RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:20:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 233

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245020-07RE1.124
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	8	48.5	0.000005	**0.0100**	ug/L
>	Sc	45	719009	635493	4365	0.7	635493.346194		ug/L
	Cr	52	3658	1762	46	2.6	-0.002315	**-2.3110**	ug/L
	Cr	53	21604	827	35	4.3	-0.028745	**-202.5033**	ug/L
	Cu	65	36	889	31	3.5	0.001729	**3.8413**	ug/L
	Cu	63	38	1761	25	1.4	0.003484	**3.7037**	ug/L
>	Ge	74	540384	495437	2411	0.5	495436.931003		ug/L
	As	75	-96	22545	111	0.5	0.045684	**188.8261**	ug/L
	As-1	75	2889	25110	97	0.4	0.045339	**188.6218**	ug/L
	Se	77	1993	43	3	7.0	-0.001689	**-185.6266**	ug/L
	Se	82	13	1	4	495.5	-0.000011	**-0.1346**	ug/L
	Ag	107	23	469	9	1.9	0.000432	**0.7024**	ug/L
	Ag	109	21	277	32	11.6	0.000248	**0.4041**	ug/L
	Cd	111	11	58	4	7.2	0.000046	**0.3402**	ug/L
	Cd	114	28	41	1	2.2	0.000015	**0.0572**	ug/L
>	In	115	1151262	1039411	6388	0.6	1039410.621510		ug/L
	Sb	121	56	7444	160	2.2	0.007113	**18.5997**	ug/L
>	Tm	169	804781	731216	1238	0.2	731216.360797		ug/L
	Tl	205	6	20	4	21.8	0.000020	**0.0081**	ug/L
	Pb	208	72	3616	75	2.1	0.004856	**1.9900**	ug/L
	C	13	20307	17651	152	0.9	-2655.868831		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	88.385
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	91.682
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.284
	Sb	121	
>	Tm	169	90.859
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-11RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:22:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 234

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245020-11RE1.125
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	2	15.4	-0.000001	**-0.0303**	ug/L
>	Sc	45	719009	632735	1616	0.3	632735.018753		ug/L
	Cr	52	3658	1779	73	4.1	-0.002276	**-2.2760**	ug/L
	Cr	53	21604	798	25	3.1	-0.028786	**-202.7847**	ug/L
	Cu	65	36	935	27	2.9	0.001838	**4.0792**	ug/L
	Cu	63	38	1855	46	2.5	0.003707	**3.9403**	ug/L
>	Ge	74	540384	490952	2375	0.5	490951.822923		ug/L
	As	75	-96	23309	403	1.7	0.047653	**196.9905**	ug/L
	As-1	75	2889	25888	375	1.4	0.047382	**197.0796**	ug/L
	Se	77	1993	45	6	12.5	-0.001687	**-185.3816**	ug/L
	Se	82	13	5	2	39.2	-0.000006	**0.2940**	ug/L
	Ag	107	23	429	13	2.9	0.000393	**0.6409**	ug/L
	Ag	109	21	276	8	3.0	0.000247	**0.4023**	ug/L
	Cd	111	11	55	11	20.5	0.000043	**0.3212**	ug/L
	Cd	114	28	37	9	24.1	0.000011	**0.0460**	ug/L
>	In	115	1151262	1039199	7804	0.8	1039198.603519		ug/L
	Sb	121	56	7776	69	0.9	0.007434	**19.4390**	ug/L
>	Tm	169	804781	722403	2484	0.3	722402.998339		ug/L
	Tl	205	6	25	4	17.4	0.000028	**0.0121**	ug/L
	Pb	208	72	4021	17	0.4	0.005476	**2.2458**	ug/L
	C	13	20307	17754	72	0.4	-2553.002803		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	88.001
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	90.852
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	90.266
	Sb	121	
>	Tm	169	89.764
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV8
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 18:24:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV8.126
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	973	22	2.2	0.001574	**2.2389**	ug/L
>	Sc	45	719009	610280	10616	1.7	610279.785858		ug/L
|	Cr	52	3658	92577	1581	1.7	0.146610	**26.2567**	ug/L
⌊	Cr	53	21604	22365	993	4.4	0.006608	**8.4348**	ug/L
⌈	Cu	65	36	11136	145	1.3	0.023547	**10.2956**	ug/L
|	Cu	63	38	23246	561	2.4	0.049215	**10.4226**	ug/L
>	Ge	74	540384	471634	7584	1.6	471634.087778		ug/L
|	As	75	-96	6105	244	4.0	0.013119	**10.7520**	ug/L
⌊	As-1	75	2889	8349	132	1.6	0.012357	**10.4163**	ug/L
⌈	Se	77	1993	2080	9	0.4	0.000329	**7.3493**	ug/L
|	Se	82	13	1044	32	3.0	0.001021	**19.7672**	ug/L
|	Ag	107	23	6378	143	2.2	0.006294	**2.0279**	ug/L
|	Ag	109	21	6358	88	1.4	0.006276	**2.0337**	ug/L
|	Cd	111	11	755	26	3.4	0.000738	**1.1135**	ug/L
|	Cd	114	28	1649	43	2.6	0.001607	**1.0366**	ug/L
>	In	115	1151262	1010221	17522	1.7	1010221.093947		ug/L
⌊	Sb	121	56	4250	51	1.2	0.004158	**2.1741**	ug/L
>	Tm	169	804781	729916	16255	2.2	729916.434286		ug/L
|	Tl	205	6	3358	109	3.3	0.004593	**0.5088**	ug/L
⌊	Pb	208	72	44649	712	1.6	0.061087	**5.0363**	ug/L
	C	13	20307	15598	150	1.0	-4708.951520		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	84.878
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	87.278
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.749
	Sb	121	
>	Tm	169	90.697
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB8
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 18:26:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB8.127
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	12	4	34.6	-0.000002	**-0.0076**	ug/L
>	Sc	45	719009	601038	4240	0.7	601037.699725		ug/L
|	Cr	52	3658	1742	106	6.1	-0.002190	**-0.4396**	ug/L
⌊	Cr	53	21604	7744	105	1.4	-0.017164	**-24.4706**	ug/L
⌈	Cu	65	36	28	8	29.0	-0.000007	**0.0101**	ug/L
|	Cu	63	38	42	10	22.7	0.000019	**0.0071**	ug/L
>	Ge	74	540384	471487	3895	0.8	471486.621412		ug/L
|	As	75	-96	12	97	818.2	0.000202	**0.0374**	ug/L
⌊	As-1	75	2889	2485	56	2.2	-0.000074	**0.1238**	ug/L
⌈	Se	77	1993	651	21	3.2	-0.001091	**-23.9387**	ug/L
|	Se	82	13	3	9	257.7	-0.000008	**0.0240**	ug/L
|	Ag	107	23	36	13	37.4	0.000016	**0.0066**	ug/L
|	Ag	109	21	34	2	4.5	0.000015	**0.0053**	ug/L
|	Cd	111	11	10	6	59.1	0.000000	**-0.0004**	ug/L
|	Cd	114	28	15	5	32.1	-0.000010	**-0.0046**	ug/L
>	In	115	1151262	1017694	8323	0.8	1017693.582073		ug/L
⌊	Sb	121	56	25	2	8.4	-0.000024	**-0.0140**	ug/L
⌈ >	Tm	169	804781	729094	3173	0.4	729093.915628		ug/L
|	Tl	205	6	6	2	36.7	0.000001	**-0.0006**	ug/L
⌊	Pb	208	72	71	3	3.7	0.000008	**-0.0019**	ug/L
	C	13	20307	15057	37	0.2	-5249.529249		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	83.593
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	87.250
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	88.398
	Sb	121	
>	Tm	169	90.595
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-15RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:29:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 235

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245020-15RE1.128
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	1	6.7	0.000003	**-0.0001**	ug/L
>	Sc	45	719009	605220	758	0.1	605219.685231		ug/L
	Cr	52	3658	2153	57	2.6	-0.001531	**-1.6072**	ug/L
	Cr	53	21604	2260	240	10.6	-0.026312	**-185.6677**	ug/L
	Cu	65	36	746	31	4.1	0.001499	**3.3400**	ug/L
	Cu	63	38	1564	37	2.4	0.003212	**3.4164**	ug/L
>	Ge	74	540384	476526	1756	0.4	476526.391192		ug/L
	As	75	-96	15746	59	0.4	0.033221	**137.1345**	ug/L
	As-1	75	2889	18208	99	0.5	0.032864	**136.9764**	ug/L
	Se	77	1993	69	7	9.8	-0.001662	**-182.5695**	ug/L
	Se	82	13	1	4	397.5	-0.000011	**-0.1008**	ug/L
	Ag	107	23	411	31	7.7	0.000390	**0.6356**	ug/L
	Ag	109	21	263	14	5.5	0.000244	**0.3974**	ug/L
	Cd	111	11	60	1	1.9	0.000050	**0.3755**	ug/L
	Cd	114	28	41	12	29.9	0.000016	**0.0619**	ug/L
>	In	115	1151262	1003151	2381	0.2	1003150.984860		ug/L
	Sb	121	56	4047	124	3.1	0.003985	**10.4181**	ug/L
>	Tm	169	804781	698812	5167	0.7	698811.693226		ug/L
	Tl	205	6	28	2	5.5	0.000033	**0.0148**	ug/L
	Pb	208	72	3803	53	1.4	0.005352	**2.1946**	ug/L
	C	13	20307	16887	161	1.0	-3420.318795		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.174
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.183
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.135
	Sb	121	
>	Tm	169	86.832
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247011-03RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:31:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 236

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1247011-03RE1.129
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	7	55.5	-0.000001	**-0.0303**	ug/L
>	Sc	45	719009	616171	1503	0.2	616170.578635		ug/L
	Cr	52	3658	1727	116	6.7	-0.002285	**-2.2841**	ug/L
	Cr	53	21604	1568	80	5.1	-0.027502	**-193.9042**	ug/L
	Cu	65	36	1864	65	3.5	0.003799	**8.3615**	ug/L
	Cu	63	38	3791	41	1.1	0.007793	**8.2650**	ug/L
>	Ge	74	540384	482197	539	0.1	482196.526209		ug/L
	As	75	-96	8647	46	0.5	0.018110	**74.4619**	ug/L
	As-1	75	2889	11158	81	0.7	0.017794	**74.5895**	ug/L
	Se	77	1993	62	6	8.8	-0.001669	**-183.4236**	ug/L
	Se	82	13	17	6	35.8	0.000005	**1.3823**	ug/L
	Ag	107	23	456	31	6.7	0.000429	**0.6985**	ug/L
	Ag	109	21	317	13	4.1	0.000294	**0.4781**	ug/L
	Cd	111	11	59	4	6.0	0.000048	**0.3574**	ug/L
	Cd	114	28	38	4	9.7	0.000013	**0.0503**	ug/L
>	In	115	1151262	1015928	4647	0.5	1015928.405820		ug/L
	Sb	121	56	822	11	1.4	0.000760	**1.9832**	ug/L
>	Tm	169	804781	713943	564	0.1	713942.734028		ug/L
	Tl	205	6	95	11	11.1	0.000126	**0.0667**	ug/L
	Pb	208	72	1259	20	1.6	0.001674	**0.6774**	ug/L
	C	13	20307	16120	179	1.1	-4187.375818		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.697
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	89.232
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	88.245
	Sb	121	
>	Tm	169	88.713
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-01RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:33:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 237

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-01RE1.130
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	5	35.3	-0.000000	**-0.0263**	ug/L
>	Sc	45	719009	615214	4283	0.7	615214.151707		ug/L
	Cr	52	3658	23218	90	0.4	0.032653	**29.0574**	ug/L
	Cr	53	21604	3740	24	0.6	-0.023968	**-169.4441**	ug/L
	Cu	65	36	1720	17	1.0	0.003534	**7.7820**	ug/L
	Cu	63	38	3505	65	1.8	0.007267	**7.7091**	ug/L
>	Ge	74	540384	477729	1843	0.4	477729.476723		ug/L
	As	75	-96	1674	75	4.5	0.003681	**14.6143**	ug/L
	As-1	75	2889	4132	56	1.4	0.003304	**14.6029**	ug/L
	Se	77	1993	67	8	12.5	-0.001664	**-182.8487**	ug/L
	Se	82	13	10	18	177.9	-0.000002	**0.7602**	ug/L
	Ag	107	23	502	22	4.4	0.000482	**0.7837**	ug/L
	Ag	109	21	331	8	2.5	0.000312	**0.5077**	ug/L
	Cd	111	11	65	5	8.1	0.000055	**0.4117**	ug/L
	Cd	114	28	47	1	1.6	0.000022	**0.0813**	ug/L
>	In	115	1151262	1001110	1291	0.1	1001110.217745		ug/L
	Sb	121	56	19581	104	0.5	0.019511	**51.0266**	ug/L
>	Tm	169	804781	709507	3541	0.5	709506.896478		ug/L
	Tl	205	6	757	30	3.9	0.001060	**0.5849**	ug/L
	Pb	208	72	5768	126	2.2	0.008040	**3.3033**	ug/L
	C	13	20307	15944	39	0.2	-4362.685688		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.564
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.406
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.958
	Sb	121	
>	Tm	169	88.161
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-DUP4
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:36:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 238

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-DUP4.131
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	2	14.3	0.000002	**-0.0126**	ug/L
>	Sc	45	719009	608265	5295	0.9	608265.114855		ug/L
	Cr	52	3658	25564	223	0.9	0.036941	**32.9041**	ug/L
	Cr	53	21604	4027	46	1.1	-0.023427	**-165.6954**	ug/L
	Cu	65	36	1762	34	1.9	0.003655	**8.0469**	ug/L
	Cu	63	38	3608	71	2.0	0.007550	**8.0080**	ug/L
>	Ge	74	540384	473591	4600	1.0	473590.741067		ug/L
	As	75	-96	1928	73	3.8	0.004247	**16.9627**	ug/L
	As-1	75	2889	4411	22	0.5	0.003970	**17.3595**	ug/L
	Se	77	1993	54	4	7.8	-0.001677	**-184.2228**	ug/L
	Se	82	13	24	14	58.3	0.000012	**2.0868**	ug/L
	Ag	107	23	493	14	2.9	0.000478	**0.7763**	ug/L
	Ag	109	21	333	13	3.8	0.000317	**0.5164**	ug/L
	Cd	111	11	62	9	14.1	0.000053	**0.3936**	ug/L
	Cd	114	28	42	1	1.7	0.000017	**0.0652**	ug/L
>	In	115	1151262	992124	10555	1.1	992124.336145		ug/L
	Sb	121	56	20251	97	0.5	0.020364	**53.2568**	ug/L
>	Tm	169	804781	693994	16058	2.3	693994.058333		ug/L
	Tl	205	6	756	36	4.8	0.001081	**0.5966**	ug/L
	Pb	208	72	6655	105	1.6	0.009502	**3.9061**	ug/L
	C	13	20307	16260	110	0.7	-4047.127120		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.598
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.640
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.177
	Sb	121	
>	Tm	169	86.234
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122318-MS4
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:38:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 239

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122120-MS4.132
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	333	4	1.1	0.000526	**3.7258**	ug/L
>	Sc	45	719009	608082	4210	0.7	608082.117828		ug/L
	Cr	52	3658	84435	1147	1.4	0.133777	**119.7714**	ug/L
	Cr	53	21604	10863	69	0.6	-0.012182	**-87.8734**	ug/L
	Cu	65	36	6289	88	1.4	0.013163	**28.8053**	ug/L
	Cu	63	38	12972	210	1.6	0.027217	**28.8273**	ug/L
>	Ge	74	540384	475419	5755	1.2	475418.610803		ug/L
	As	75	-96	21549	31	0.1	0.045508	**188.0945**	ug/L
	As-1	75	2889	23911	95	0.4	0.044954	**187.0249**	ug/L
	Se	77	1993	452	13	2.9	-0.001276	**-140.0996**	ug/L
	Se	82	13	514	11	2.1	0.000505	**49.3423**	ug/L
	Ag	107	23	6904	167	2.4	0.006923	**11.1510**	ug/L
	Ag	109	21	6610	144	2.2	0.006629	**10.7400**	ug/L
	Cd	111	11	350	27	7.8	0.000342	**2.5812**	ug/L
	Cd	114	28	669	12	1.8	0.000648	**2.0962**	ug/L
>	In	115	1151262	994509	2008	0.2	994509.343746		ug/L
	Sb	121	56	24508	290	1.2	0.024595	**64.3248**	ug/L
>	Tm	169	804781	697043	10977	1.6	697043.088363		ug/L
	Tl	205	6	3052	45	1.5	0.004372	**2.4216**	ug/L
	Pb	208	72	10980	164	1.5	0.015668	**6.4492**	ug/L
	C	13	20307	16086	120	0.7	-4220.768865		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.572
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.978
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.384
	Sb	121	
>	Tm	169	86.613
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-02RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:40:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 240

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-02RE1.133
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	21	3	12.6	0.000013	**0.0650**	ug/L
>	Sc	45	719009	618381	13648	2.2	618381.135614		ug/L
	Cr	52	3658	10306	235	2.3	0.011578	**10.1517**	ug/L
	Cr	53	21604	1992	55	2.7	-0.026825	**-189.2175**	ug/L
	Cu	65	36	3640	58	1.6	0.007537	**16.5213**	ug/L
	Cu	63	38	7036	282	4.0	0.014622	**15.4948**	ug/L
>	Ge	74	540384	478743	6734	1.4	478743.194738		ug/L
	As	75	-96	360	32	9.0	0.000928	**3.1980**	ug/L
	As-1	75	2889	2891	16	0.6	0.000695	**3.8027**	ug/L
	Se	77	1993	47	7	14.0	-0.001683	**-184.9685**	ug/L
	Se	82	13	-14	7	50.9	-0.000026	**-1.5337**	ug/L
	Ag	107	23	417	20	4.9	0.000399	**0.6501**	ug/L
	Ag	109	21	297	2	0.7	0.000281	**0.4569**	ug/L
	Cd	111	11	136	7	4.8	0.000127	**0.9530**	ug/L
	Cd	114	28	228	29	12.7	0.000204	**0.6656**	ug/L
>	In	115	1151262	995120	27185	2.7	995120.045095		ug/L
	Sb	121	56	702	28	4.0	0.000657	**1.7121**	ug/L
>	Tm	169	804781	689833	21500	3.1	689833.290565		ug/L
	Tl	205	6	15	2	10.0	0.000015	**0.0052**	ug/L
	Pb	208	72	122970	3735	3.0	0.178176	**73.4725**	ug/L
	C	13	20307	16713	310	1.9	-3594.303978		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.005
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.593
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.437
	Sb	121	
>	Tm	169	85.717
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-03RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:42:43
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 241

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-03RE1.134
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	2	11.4	0.000008	**0.0326**	ug/L
>	Sc	45	719009	624674	4315	0.7	624674.043410		ug/L
	Cr	52	3658	50914	558	1.1	0.076416	**68.3159**	ug/L
	Cr	53	21604	6723	51	0.8	-0.019285	**-137.0345**	ug/L
	Cu	65	36	23735	53	0.2	0.048978	**107.0014**	ug/L
	Cu	63	38	48690	63	0.1	0.100541	**106.4459**	ug/L
>	Ge	74	540384	483955	3016	0.6	483954.652733		ug/L
	As	75	-96	2582	58	2.2	0.005513	**22.2131**	ug/L
	As-1	75	2889	5044	61	1.2	0.005077	**21.9455**	ug/L
	Se	77	1993	56	3	6.2	-0.001675	**-184.0971**	ug/L
	Se	82	13	41	7	17.2	0.000029	**3.6561**	ug/L
	Ag	107	23	15136	110	0.7	0.014923	**24.0298**	ug/L
	Ag	109	21	14712	123	0.8	0.014504	**23.4977**	ug/L
	Cd	111	11	1732	34	2.0	0.001700	**12.8330**	ug/L
	Cd	114	28	3896	96	2.5	0.003821	**12.3100**	ug/L
>	In	115	1151262	1013028	10614	1.0	1013027.759403		ug/L
	Sb	121	56	53498	305	0.6	0.052763	**137.9998**	ug/L
>	Tm	169	804781	714621	6437	0.9	714620.696604		ug/L
	Tl	205	6	302	31	10.3	0.000415	**0.2272**	ug/L
	Pb	208	72	76855	789	1.0	0.107460	**44.3072**	ug/L
	C	13	20307	16109	105	0.7	-4198.396098		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.880
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	89.558
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.993
	Sb	121	
>	Tm	169	88.797
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-04RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:44:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 242

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-04RE1.135
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	8	47.1	0.000007	**0.0243**	ug/L
>	Sc	45	719009	627725	4459	0.7	627724.852114		ug/L
	Cr	52	3658	4225	43	1.0	0.001643	**1.2401**	ug/L
	Cr	53	21604	1138	53	4.7	-0.028234	**-198.9672**	ug/L
	Cu	65	36	10688	204	1.9	0.022060	**48.2306**	ug/L
	Cu	63	38	21924	84	0.4	0.045311	**47.9811**	ug/L
>	Ge	74	540384	483117	3158	0.7	483117.188008		ug/L
	As	75	-96	18804	20	0.1	0.039099	**161.5151**	ug/L
	As-1	75	2889	21212	15	0.1	0.038562	**160.5626**	ug/L
	Se	77	1993	51	2	3.0	-0.001681	**-184.6646**	ug/L
	Se	82	13	29	9	32.6	0.000017	**2.5524**	ug/L
	Ag	107	23	1853	34	1.8	0.001813	**2.9260**	ug/L
	Ag	109	21	1642	37	2.3	0.001606	**2.6038**	ug/L
	Cd	111	11	152	8	5.0	0.000140	**1.0540**	ug/L
	Cd	114	28	240	16	6.5	0.000212	**0.6929**	ug/L
>	In	115	1151262	1011047	9050	0.9	1011047.107552		ug/L
	Sb	121	56	1715	86	5.0	0.001648	**4.3046**	ug/L
>	Tm	169	804781	713723	5134	0.7	713722.599885		ug/L
	Tl	205	6	81	7	8.3	0.000106	**0.0556**	ug/L
	Pb	208	72	30973	112	0.4	0.043307	**17.8484**	ug/L
	C	13	20307	16418	111	0.7	-3888.509074		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	87.304
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	89.403
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.821
	Sb	121	
>	Tm	169	88.685
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-05RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:47:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 243

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-05RE1.136
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	5	31.5	0.000002	**-0.0088**	ug/L
>	Sc	45	719009	622430	3381	0.5	622430.487674		ug/L
	Cr	52	3658	2179	73	3.3	-0.001588	**-1.6585**	ug/L
	Cr	53	21604	911	10	1.1	-0.028584	**-201.3921**	ug/L
	Cu	65	36	1131	37	3.2	0.002293	**5.0720**	ug/L
	Cu	63	38	2324	42	1.8	0.004778	**5.0736**	ug/L
>	Ge	74	540384	479360	809	0.2	479360.288815		ug/L
	As	75	-96	143	18	12.6	0.000474	**1.3159**	ug/L
	As-1	75	2889	2674	23	0.9	0.000234	**1.8944**	ug/L
	Se	77	1993	42	4	8.4	-0.001689	**-185.5756**	ug/L
	Se	82	13	6	7	114.7	-0.000006	**0.3542**	ug/L
	Ag	107	23	328	10	2.9	0.000310	**0.5064**	ug/L
	Ag	109	21	219	16	7.1	0.000201	**0.3286**	ug/L
	Cd	111	11	109	5	4.5	0.000099	**0.7457**	ug/L
	Cd	114	28	148	16	10.9	0.000124	**0.4074**	ug/L
>	In	115	1151262	995441	6412	0.6	995440.634160		ug/L
	Sb	121	56	229	13	5.9	0.000182	**0.4693**	ug/L
>	Tm	169	804781	703448	4318	0.6	703448.358527		ug/L
	Tl	205	6	6	4	55.5	0.000002	**-0.0021**	ug/L
	Pb	208	72	15464	113	0.7	0.021894	**9.0170**	ug/L
	C	13	20307	16541	66	0.4	-3765.954170		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.568
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.707
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.465
	Sb	121	
>	Tm	169	87.409
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-06RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:49:25
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 244

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-06RE1.137
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	4	25.0	0.000006	**0.0157**	ug/L
>	Sc	45	719009	616935	3082	0.5	616934.793102		ug/L
	Cr	52	3658	2948	77	2.6	-0.000310	**-0.5122**	ug/L
	Cr	53	21604	897	14	1.6	-0.028593	**-201.4488**	ug/L
	Cu	65	36	1444	47	3.2	0.002960	**6.5289**	ug/L
	Cu	63	38	2896	23	0.8	0.005996	**6.3631**	ug/L
>	Ge	74	540384	477362	3187	0.7	477361.793499		ug/L
	As	75	-96	354	12	3.3	0.000918	**3.1546**	ug/L
	As-1	75	2889	2866	19	0.7	0.000659	**3.6553**	ug/L
	Se	77	1993	44	1	1.3	-0.001687	**-185.3264**	ug/L
	Se	82	13	5	5	95.6	-0.000007	**0.2566**	ug/L
	Ag	107	23	429	9	2.1	0.000407	**0.6635**	ug/L
	Ag	109	21	315	26	8.3	0.000296	**0.4809**	ug/L
	Cd	111	11	54	3	4.6	0.000044	**0.3295**	ug/L
	Cd	114	28	60	3	4.4	0.000035	**0.1233**	ug/L
>	In	115	1151262	1005188	2653	0.3	1005187.640152		ug/L
	Sb	121	56	362	18	5.1	0.000312	**0.8089**	ug/L
>	Tm	169	804781	699590	2244	0.3	699589.526677		ug/L
	Tl	205	6	8	3	33.1	0.000004	**-0.0008**	ug/L
	Pb	208	72	29287	306	1.0	0.041773	**17.2158**	ug/L
	C	13	20307	16228	15	0.1	-4078.516898		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.804
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.338
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.312
	Sb	121	
>	Tm	169	86.929
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV9
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 18:51:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCV9.138
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	950	17	1.8	0.001578	**2.2439**	ug/L
>	Sc	45	719009	593950	13799	2.3	593949.930645		ug/L
|	Cr	52	3658	90466	1770	2.0	0.147235	**26.3689**	ug/L
⌊	Cr	53	21604	22059	487	2.2	0.007112	**9.1313**	ug/L
⌈	Cu	65	36	10990	118	1.1	0.023724	**10.3727**	ug/L
|	Cu	63	38	22768	457	2.0	0.049212	**10.4220**	ug/L
>	Ge	74	540384	461976	6961	1.5	461975.985486		ug/L
|	As	75	-96	5998	190	3.2	0.013161	**10.7866**	ug/L
⌊	As-1	75	2889	8235	77	0.9	0.012483	**10.5204**	ug/L
⌈	Se	77	1993	2091	35	1.7	0.000367	**8.1909**	ug/L
|	Se	82	13	1031	46	4.5	0.001022	**19.7819**	ug/L
|	Ag	107	23	6262	116	1.9	0.006263	**2.0180**	ug/L
|	Ag	109	21	6221	123	2.0	0.006224	**2.0168**	ug/L
|	Cd	111	11	732	10	1.4	0.000724	**1.0930**	ug/L
|	Cd	114	28	1597	79	5.0	0.001577	**1.0173**	ug/L
>	In	115	1151262	996700	17563	1.8	996699.708211		ug/L
⌊	Sb	121	56	4134	105	2.5	0.004099	**2.1428**	ug/L
>	Tm	169	804781	711952	3632	0.5	711951.738791		ug/L
|	Tl	205	6	3322	35	1.0	0.004659	**0.5161**	ug/L
⌊	Pb	208	72	43589	898	2.1	0.061131	**5.0399**	ug/L
	C	13	20307	15419	237	1.5	-4888.255772		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	82.607
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	85.490
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.575
	Sb	121	
>	Tm	169	88.465
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB9
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 18:53:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCB9.139
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
[	Be	9	15	10	4	36.6	-0.000004	**-0.0105**	ug/L
>	Sc	45	719009	590631	7816	1.3	590630.841941		ug/L
	Cr	52	3658	1717	42	2.4	-0.002181	**-0.4382**	ug/L
]	Cr	53	21604	7795	231	3.0	-0.016847	**-24.0324**	ug/L
[	Cu	65	36	33	7	21.3	0.000007	**0.0161**	ug/L
	Cu	63	38	55	21	37.6	0.000050	**0.0138**	ug/L
>	Ge	74	540384	459420	4739	1.0	459419.651288		ug/L
	As	75	-96	26	78	303.3	0.000233	**0.0632**	ug/L
]	As-1	75	2889	2460	139	5.6	0.000009	**0.1926**	ug/L
[	Se	77	1993	679	25	3.6	-0.001048	**-22.9812**	ug/L
	Se	82	13	-1	9	976.9	-0.000012	**-0.0566**	ug/L
	Ag	107	23	39	23	59.6	0.000019	**0.0077**	ug/L
	Ag	109	21	36	13	37.0	0.000018	**0.0062**	ug/L
	Cd	111	11	10	4	39.2	-0.000000	**-0.0010**	ug/L
	Cd	114	28	26	0	1.5	0.000001	**0.0028**	ug/L
>	In	115	1151262	993896	12298	1.2	993896.364910		ug/L
]	Sb	121	56	33	4	11.6	-0.000016	**-0.0095**	ug/L
[>	Tm	169	804781	712895	13475	1.9	712894.676538		ug/L
	Tl	205	6	7	3	41.7	0.000003	**-0.0003**	ug/L
]	Pb	208	72	76	21	27.3	0.000017	**-0.0011**	ug/L
	C	13	20307	15121	58	0.4	-5186.090677		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
[	Be	9	
>	Sc	45	82.145
	Cr	52	
]	Cr	53	
[	Cu	65	
	Cu	63	
>	Ge	74	85.017
	As	75	
]	As-1	75	
[	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.331
	Sb	121	
>	Tm	169	88.582
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-07RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:56:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 245

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-07RE1.140
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	5	33.0	0.000003	**-0.0050**	ug/L
>	Sc	45	719009	595344	2845	0.5	595343.748197		ug/L
	Cr	52	3658	1914	105	5.5	-0.001873	**-1.9143**	ug/L
	Cr	53	21604	2134	239	11.2	-0.026461	**-186.6998**	ug/L
	Cu	65	36	290	19	6.6	0.000552	**1.2708**	ug/L
	Cu	63	38	533	44	8.2	0.001066	**1.1442**	ug/L
>	Ge	74	540384	469416	546	0.1	469416.332262		ug/L
	As	75	-96	6500	71	1.1	0.014025	**57.5166**	ug/L
	As-1	75	2889	8953	75	0.8	0.013728	**57.7575**	ug/L
	Se	77	1993	59	6	9.4	-0.001671	**-183.5871**	ug/L
	Se	82	13	5	6	132.9	-0.000007	**0.2604**	ug/L
	Ag	107	23	443	13	3.0	0.000430	**0.6991**	ug/L
	Ag	109	21	291	16	5.4	0.000277	**0.4511**	ug/L
	Cd	111	11	52	5	9.8	0.000043	**0.3225**	ug/L
	Cd	114	28	30	8	26.4	0.000006	**0.0285**	ug/L
>	In	115	1151262	985408	4174	0.4	985408.494635		ug/L
	Sb	121	56	6963	54	0.8	0.007018	**18.3494**	ug/L
>	Tm	169	804781	697707	5064	0.7	697707.134637		ug/L
	Tl	205	6	56	9	16.5	0.000074	**0.0377**	ug/L
	Pb	208	72	1292	29	2.2	0.001763	**0.7142**	ug/L
	C	13	20307	15368	158	1.0	-4939.343315		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	82.801
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.867
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.594
	Sb	121	
>	Tm	169	86.695
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-08RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 18:58:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 246

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-08RE1.141
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	2	8.8	0.000008	**0.0306**	ug/L
>	Sc	45	719009	595831	3826	0.6	595830.699866		ug/L
	Cr	52	3658	1586	126	8.0	-0.002427	**-2.4114**	ug/L
	Cr	53	21604	1450	75	5.2	-0.027614	**-194.6741**	ug/L
	Cu	65	36	221	16	7.4	0.000409	**0.9600**	ug/L
	Cu	63	38	456	21	4.5	0.000912	**0.9814**	ug/L
>	Ge	74	540384	464639	4259	0.9	464638.987965		ug/L
	As	75	-96	6122	34	0.6	0.013353	**54.7324**	ug/L
	As-1	75	2889	8555	45	0.5	0.013068	**55.0231**	ug/L
	Se	77	1993	52	2	4.0	-0.001678	**-184.3407**	ug/L
	Se	82	13	5	7	130.1	-0.000006	**0.3300**	ug/L
	Ag	107	23	414	10	2.5	0.000405	**0.6600**	ug/L
	Ag	109	21	282	21	7.4	0.000271	**0.4420**	ug/L
	Cd	111	11	42	8	17.7	0.000034	**0.2493**	ug/L
	Cd	114	28	22	6	29.2	-0.000002	**0.0031**	ug/L
>	In	115	1151262	974204	9244	0.9	974204.446385		ug/L
	Sb	121	56	6347	154	2.4	0.006466	**16.9055**	ug/L
>	Tm	169	804781	685802	10038	1.5	685801.893190		ug/L
	Tl	205	6	58	4	7.5	0.000078	**0.0398**	ug/L
	Pb	208	72	1102	15	1.3	0.001517	**0.6131**	ug/L
	C	13	20307	15590	99	0.6	-4716.965709		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	82.868
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	85.983
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.621
	Sb	121	
>	Tm	169	85.216
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248034-09RE1
Sample Description: 5x
Batch ID: B122318

Sample Date/Time: Saturday, December 08, 2012 19:00:41
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 247

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248034-09RE1.142
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	6	30.9	0.000008	**0.0331**	ug/L
>	Sc	45	719009	610874	2746	0.4	610873.586952		ug/L
	Cr	52	3658	8360	26	0.3	0.008597	**7.4779**	ug/L
	Cr	53	21604	2021	20	1.0	-0.026739	**-188.6197**	ug/L
	Cu	65	36	19632	83	0.4	0.041579	**90.8480**	ug/L
	Cu	63	38	40585	537	1.3	0.086024	**91.0791**	ug/L
>	Ge	74	540384	471422	1780	0.4	471421.637215		ug/L
	As	75	-96	678	43	6.4	0.001615	**6.0462**	ug/L
	As-1	75	2889	3154	36	1.1	0.001344	**6.4908**	ug/L
	Se	77	1993	44	4	8.2	-0.001686	**-185.2606**	ug/L
	Se	82	13	0	6	18470.9	-0.000012	**-0.1956**	ug/L
	Ag	107	23	630	15	2.4	0.000621	**1.0067**	ug/L
	Ag	109	21	496	10	2.1	0.000486	**0.7894**	ug/L
	Cd	111	11	137	9	6.6	0.000129	**0.9696**	ug/L
	Cd	114	28	225	10	4.6	0.000204	**0.6655**	ug/L
>	In	115	1151262	984504	4431	0.5	984503.619400		ug/L
	Sb	121	56	779	6	0.7	0.000742	**1.9356**	ug/L
>	Tm	169	804781	694784	1720	0.2	694784.449600		ug/L
	Tl	205	6	14	6	43.4	0.000013	**0.0041**	ug/L
	Pb	208	72	76478	1073	1.4	0.109983	**45.3478**	ug/L
	C	13	20307	15957	54	0.3	-4350.330656		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.961
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.238
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.515
	Sb	121	
>	Tm	169	86.332
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-BS1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:02:54
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 248

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-BS1.143
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	512	22	4.3	0.000821	**5.8233**	ug/L
>	Sc	45	719009	608498	1020	0.2	608498.058035		ug/L
	Cr	52	3658	34368	111	0.3	0.051392	**45.8672**	ug/L
	Cr	53	21604	5051	79	1.6	-0.021746	**-154.0670**	ug/L
	Cu	65	36	85	2	1.8	0.000112	**0.3115**	ug/L
	Cu	63	38	151	2	1.4	0.000249	**0.2791**	ug/L
>	Ge	74	540384	474566	887	0.2	474566.336016		ug/L
	As	75	-96	5321	79	1.5	0.011389	**46.5840**	ug/L
	As-1	75	2889	7706	101	1.3	0.010893	**46.0188**	ug/L
	Se	77	1993	539	6	1.1	-0.001193	**-130.9097**	ug/L
	Se	82	13	652	20	3.1	0.000639	**62.2027**	ug/L
	Ag	107	23	7001	79	1.1	0.006971	**11.2290**	ug/L
	Ag	109	21	6735	41	0.6	0.006708	**10.8684**	ug/L
	Cd	111	11	55	4	7.9	0.000045	**0.3362**	ug/L
	Cd	114	28	23	5	20.0	-0.000002	**0.0040**	ug/L
>	In	115	1151262	1001413	7277	0.7	1001412.556535		ug/L
	Sb	121	56	7494	69	0.9	0.007435	**19.4420**	ug/L
>	Tm	169	804781	691246	1254	0.2	691246.003295		ug/L
	Tl	205	6	13194	188	1.4	0.019079	**10.5783**	ug/L
	Pb	208	72	143	34	24.1	0.000117	**0.0356**	ug/L
	C	13	20307	16013	134	0.8	-4294.231599		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.630
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.820
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.984
	Sb	121	
>	Tm	169	85.892
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-MS3
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:05:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 249

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-MS3.144
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	752	16	2.1	0.001217	**8.6455**	ug/L
>	Sc	45	719009	607769	5005	0.8	607768.745077		ug/L
|	Cr	52	3658	34836	294	0.8	0.052233	**46.6223**	ug/L
⌊	Cr	53	21604	4844	41	0.9	-0.022077	**-156.3529**	ug/L
⌈	Cu	65	36	298	25	8.4	0.000562	**1.2935**	ug/L
|	Cu	63	38	612	19	3.0	0.001219	**1.3068**	ug/L
>	Ge	74	540384	474833	2268	0.5	474833.225978		ug/L
|	As	75	-96	6219	165	2.6	0.013275	**54.4093**	ug/L
⌊	As-1	75	2889	8578	81	0.9	0.012720	**53.5833**	ug/L
⌈	Se	77	1993	554	39	7.0	-0.001177	**-129.1633**	ug/L
|	Se	82	13	628	8	1.3	0.000617	**60.0574**	ug/L
|	Ag	107	23	6829	11	0.2	0.006811	**10.9709**	ug/L
|	Ag	109	21	6661	23	0.3	0.006644	**10.7646**	ug/L
|	Cd	111	11	75	7	9.4	0.000065	**0.4903**	ug/L
|	Cd	114	28	59	7	11.9	0.000035	**0.1211**	ug/L
>	In	115	1151262	999792	1597	0.2	999792.364848		ug/L
⌊	Sb	121	56	11932	60	0.5	0.011886	**31.0816**	ug/L
⌈ >	Tm	169	804781	700571	4666	0.7	700570.825496		ug/L
|	Tl	205	6	13134	128	1.0	0.018741	**10.3905**	ug/L
⌊	Pb	208	72	164	5	3.1	0.000145	**0.0471**	ug/L
	C	13	20307	15860	111	0.7	-4446.832291		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	84.529
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	87.870
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.843
	Sb	121	
>	Tm	169	87.051
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-01RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:07:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 250

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-01RE1.145
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	58	6	11.0	0.000072	**0.4855**	ug/L
>	Sc	45	719009	620496	4060	0.7	620495.888515		ug/L
	Cr	52	3658	13435	467	3.5	0.016562	**14.6227**	ug/L
	Cr	53	21604	2274	73	3.2	-0.026383	**-186.1544**	ug/L
	Cu	65	36	1516	31	2.0	0.003095	**6.8243**	ug/L
	Cu	63	38	2957	64	2.1	0.006098	**6.4709**	ug/L
>	Ge	74	540384	479491	3646	0.8	479491.365991		ug/L
	As	75	-96	108	42	38.5	0.000402	**1.0148**	ug/L
	As-1	75	2889	2606	46	1.8	0.000090	**1.2980**	ug/L
	Se	77	1993	46	5	10.0	-0.001685	**-185.1429**	ug/L
	Se	82	13	0	9	8675.3	-0.000011	**-0.1877**	ug/L
	Ag	107	23	484	43	8.9	0.000461	**0.7505**	ug/L
	Ag	109	21	291	29	9.9	0.000271	**0.4418**	ug/L
	Cd	111	11	62	12	18.6	0.000052	**0.3870**	ug/L
	Cd	114	28	46	5	11.0	0.000021	**0.0757**	ug/L
>	In	115	1151262	1005029	4097	0.4	1005029.102718		ug/L
	Sb	121	56	230	9	4.0	0.000180	**0.4645**	ug/L
>	Tm	169	804781	697736	2971	0.4	697735.652816		ug/L
	Tl	205	6	90	10	10.9	0.000122	**0.0647**	ug/L
	Pb	208	72	7141	99	1.4	0.010146	**4.1715**	ug/L
	C	13	20307	15990	47	0.3	-4316.938753		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.299
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.732
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.298
	Sb	121	
>	Tm	169	86.699
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-02RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:09:38
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 251

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-02RE1.146
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	4	26.3	0.000000	**-0.0224**	ug/L
>	Sc	45	719009	616191	1902	0.3	616190.580146		ug/L
	Cr	52	3658	1562	52	3.4	-0.002553	**-2.5239**	ug/L
	Cr	53	21604	832	43	5.1	-0.028697	**-202.1723**	ug/L
	Cu	65	36	245	27	11.0	0.000444	**1.0346**	ug/L
	Cu	63	38	367	11	3.0	0.000694	**0.7505**	ug/L
>	Ge	74	540384	480633	2099	0.4	480632.695542		ug/L
	As	75	-96	23	25	105.6	0.000225	**0.2835**	ug/L
	As-1	75	2889	2615	29	1.1	0.000096	**1.3237**	ug/L
	Se	77	1993	49	4	8.4	-0.001682	**-184.7961**	ug/L
	Se	82	13	-3	12	396.4	-0.000014	**-0.4687**	ug/L
	Ag	107	23	436	11	2.5	0.000412	**0.6713**	ug/L
	Ag	109	21	282	8	3.0	0.000261	**0.4252**	ug/L
	Cd	111	11	49	6	12.2	0.000039	**0.2905**	ug/L
	Cd	114	28	36	19	54.3	0.000011	**0.0441**	ug/L
>	In	115	1151262	1008577	13803	1.4	1008576.698118		ug/L
	Sb	121	56	451	43	9.5	0.000399	**1.0372**	ug/L
>	Tm	169	804781	697858	11099	1.6	697857.576496		ug/L
	Tl	205	6	11	4	32.8	0.000009	**0.0016**	ug/L
	Pb	208	72	270	32	11.8	0.000298	**0.1101**	ug/L
	C	13	20307	16139	222	1.4	-4167.673614		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.700
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.943
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.606
	Sb	121	
>	Tm	169	86.714
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-03RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:11:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 252

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-03RE1.147
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	2	7.5	0.000012	**0.0593**	ug/L
>	Sc	45	719009	614175	1740	0.3	614175.130653		ug/L
	Cr	52	3658	1510	7	0.4	-0.002630	**-2.5934**	ug/L
	Cr	53	21604	800	20	2.5	-0.028744	**-202.4983**	ug/L
	Cu	65	36	128	10	8.2	0.000201	**0.5047**	ug/L
	Cu	63	38	265	9	3.3	0.000482	**0.5264**	ug/L
>	Ge	74	540384	479671	2000	0.4	479670.822719		ug/L
	As	75	-96	33	17	53.3	0.000245	**0.3642**	ug/L
	As-1	75	2889	2668	29	1.1	0.000218	**1.8270**	ug/L
	Se	77	1993	40	5	11.4	-0.001691	**-185.8305**	ug/L
	Se	82	13	-4	7	181.5	-0.000015	**-0.5450**	ug/L
	Ag	107	23	435	13	3.1	0.000413	**0.6728**	ug/L
	Ag	109	21	273	18	6.6	0.000254	**0.4138**	ug/L
	Cd	111	11	50	11	22.5	0.000040	**0.2976**	ug/L
	Cd	114	28	26	8	30.7	0.000001	**0.0124**	ug/L
>	In	115	1151262	1004103	8459	0.8	1004103.414403		ug/L
	Sb	121	56	227	9	3.8	0.000177	**0.4583**	ug/L
>	Tm	169	804781	703516	7150	1.0	703516.036188		ug/L
	Tl	205	6	7	2	31.2	0.000002	**-0.0019**	ug/L
	Pb	208	72	116	3	2.5	0.000075	**0.0181**	ug/L
	C	13	20307	16047	125	0.8	-4260.171700		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.420
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.765
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.218
	Sb	121	
>	Tm	169	87.417
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-04RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:14:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 253

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-04RE1.148
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	2	10.0	0.000004	**0.0009**	ug/L
>	Sc	45	719009	615204	2680	0.4	615204.492770		ug/L
	Cr	52	3658	1494	70	4.7	-0.002660	**-2.6201**	ug/L
	Cr	53	21604	743	36	4.9	-0.028840	**-203.1622**	ug/L
	Cu	65	36	166	16	9.5	0.000280	**0.6774**	ug/L
	Cu	63	38	281	7	2.6	0.000515	**0.5615**	ug/L
>	Ge	74	540384	479765	310	0.1	479765.143905		ug/L
	As	75	-96	25	19	76.1	0.000230	**0.3008**	ug/L
	As-1	75	2889	2556	45	1.8	-0.000018	**0.8512**	ug/L
	Se	77	1993	43	6	14.8	-0.001688	**-185.4241**	ug/L
	Se	82	13	-5	8	148.2	-0.000017	**-0.7015**	ug/L
	Ag	107	23	424	18	4.3	0.000403	**0.6565**	ug/L
	Ag	109	21	287	9	3.1	0.000268	**0.4362**	ug/L
	Cd	111	11	56	6	9.8	0.000046	**0.3456**	ug/L
	Cd	114	28	32	9	26.4	0.000008	**0.0342**	ug/L
>	In	115	1151262	1002898	6090	0.6	1002897.855919		ug/L
	Sb	121	56	363	14	3.9	0.000314	**0.8145**	ug/L
>	Tm	169	804781	708098	7687	1.1	708097.649237		ug/L
	Tl	205	6	8	6	69.6	0.000004	**-0.0009**	ug/L
	Pb	208	72	149	14	9.5	0.000121	**0.0370**	ug/L
	C	13	20307	16051	220	1.4	-4255.829518		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.563
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.782
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.113
	Sb	121	
>	Tm	169	87.986
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-DUP1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:16:21
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 254

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-DUP1.149
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	11	1	5.1	-0.000003	**-0.0452**	ug/L
>	Sc	45	719009	614294	4545	0.7	614293.669907		ug/L
|	Cr	52	3658	1365	71	5.2	-0.002865	**-2.8039**	ug/L
⌊	Cr	53	21604	733	12	1.7	-0.028854	**-203.2615**	ug/L
⌈	Cu	65	36	140	6	3.9	0.000228	**0.5630**	ug/L
|	Cu	63	38	274	16	5.7	0.000506	**0.5520**	ug/L
>	Ge	74	540384	475651	2977	0.6	475651.157816		ug/L
|	As	75	-96	59	40	68.7	0.000300	**0.5944**	ug/L
⌊	As-1	75	2889	2585	55	2.1	0.000090	**1.2995**	ug/L
⌈	Se	77	1993	36	14	39.0	-0.001695	**-186.2050**	ug/L
|	Se	82	13	-7	8	114.3	-0.000018	**-0.8265**	ug/L
|	Ag	107	23	470	24	5.0	0.000448	**0.7285**	ug/L
|	Ag	109	21	276	17	6.3	0.000256	**0.4176**	ug/L
|	Cd	111	11	53	3	6.1	0.000043	**0.3170**	ug/L
|	Cd	114	28	35	6	16.7	0.000010	**0.0409**	ug/L
>	In	115	1151262	1005133	8616	0.9	1005132.808791		ug/L
⌊	Sb	121	56	311	19	6.2	0.000261	**0.6755**	ug/L
⌈ >	Tm	169	804781	699767	5364	0.8	699767.230077		ug/L
|	Tl	205	6	8	1	12.5	0.000004	**-0.0008**	ug/L
⌊	Pb	208	72	180	16	9.0	0.000167	**0.0562**	ug/L
	C	13	20307	15997	102	0.6	-4309.592215		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	85.436
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	88.021
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.307
	Sb	121	
>	Tm	169	86.951
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVA
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 19:18:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCVA.150
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	974	18	1.8	0.001598	**2.2725**	ug/L
>	Sc	45	719009	601305	5575	0.9	601304.614396		ug/L
|	Cr	52	3658	91554	645	0.7	0.147174	**26.3579**	ug/L
⌊	Cr	53	21604	22064	777	3.5	0.006656	**8.4999**	ug/L
⌈	Cu	65	36	11103	26	0.2	0.023599	**10.3183**	ug/L
|	Cu	63	38	22949	264	1.2	0.048844	**10.3442**	ug/L
>	Ge	74	540384	469172	3012	0.6	469171.813431		ug/L
|	As	75	-96	6183	100	1.6	0.013357	**10.9493**	ug/L
⌊	As-1	75	2889	8371	49	0.6	0.012497	**10.5325**	ug/L
⌈	Se	77	1993	2054	34	1.7	0.000317	**7.0973**	ug/L
|	Se	82	13	1080	27	2.5	0.001065	**20.6114**	ug/L
|	Ag	107	23	6348	51	0.8	0.006310	**2.0331**	ug/L
|	Ag	109	21	6329	104	1.6	0.006293	**2.0392**	ug/L
|	Cd	111	11	738	37	5.0	0.000726	**1.0960**	ug/L
|	Cd	114	28	1699	31	1.8	0.001669	**1.0766**	ug/L
>	In	115	1151262	1002895	3909	0.4	1002894.500292		ug/L
⌊	Sb	121	56	4193	53	1.3	0.004132	**2.1602**	ug/L
⌈ >	Tm	169	804781	723876	1620	0.2	723875.728768		ug/L
|	Tl	205	6	3430	79	2.3	0.004731	**0.5241**	ug/L
⌊	Pb	208	72	44647	495	1.1	0.061587	**5.0775**	ug/L
	C	13	20307	15184	336	2.2	-5122.981614		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	83.630
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	86.822
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.113
	Sb	121	
>	Tm	169	89.947
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBA
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 19:20:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCBA.151
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
[	Be	9	15	15	2	15.7	0.000004	**0.0008**	ug/L
>	Sc	45	719009	578838	8709	1.5	578838.246615		ug/L
	Cr	52	3658	1570	119	7.6	-0.002378	**-0.4733**	ug/L
]	Cr	53	21604	7442	378	5.1	-0.017193	**-24.5105**	ug/L
[	Cu	65	36	20	4	18.6	-0.000021	**0.0039**	ug/L
	Cu	63	38	31	4	11.6	-0.000002	**0.0027**	ug/L
>	Ge	74	540384	455856	9246	2.0	455856.303847		ug/L
	As	75	-96	-106	58	54.6	-0.000057	**-0.1775**	ug/L
]	As-1	75	2889	2381	56	2.4	-0.000121	**0.0848**	ug/L
[	Se	77	1993	674	8	1.1	-0.001043	**-22.8722**	ug/L
	Se	82	13	0	9	21169.5	-0.000011	**-0.0376**	ug/L
	Ag	107	23	34	9	26.1	0.000015	**0.0064**	ug/L
	Ag	109	21	33	9	25.9	0.000016	**0.0055**	ug/L
	Cd	111	11	9	2	24.0	-0.000001	**-0.0024**	ug/L
	Cd	114	28	12	9	71.3	-0.000012	**-0.0059**	ug/L
>	In	115	1151262	979595	13019	1.3	979595.136973		ug/L
]	Sb	121	56	33	11	32.7	-0.000015	**-0.0092**	ug/L
[>	Tm	169	804781	701252	13553	1.9	701252.456433		ug/L
	Tl	205	6	4	2	35.3	-0.000001	**-0.0007**	ug/L
]	Pb	208	72	74	11	14.6	0.000016	**-0.0012**	ug/L
	C	13	20307	14918	25	0.2	-5389.092416		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
[	Be	9	
>	Sc	45	80.505
	Cr	52	
]	Cr	53	
[	Cu	65	
	Cu	63	
>	Ge	74	84.358
	As	75	
]	As-1	75	
[	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.089
	Sb	121	
>	Tm	169	87.136
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-MS1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:23:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 255

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-MS1.152
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	659	2	0.3	0.001118	**7.9397**	ug/L
>	Sc	45	719009	578640	4553	0.8	578640.387261		ug/L
	Cr	52	3658	32546	246	0.8	0.051157	**45.6568**	ug/L
	Cr	53	21604	5728	205	3.6	-0.020147	**-142.9954**	ug/L
	Cu	65	36	137	25	17.9	0.000234	**0.5770**	ug/L
	Cu	63	38	248	27	10.7	0.000473	**0.5168**	ug/L
>	Ge	74	540384	456512	2958	0.6	456512.415809		ug/L
	As	75	-96	4216	179	4.3	0.009411	**38.3830**	ug/L
	As-1	75	2889	6566	55	0.8	0.009037	**38.3370**	ug/L
	Se	77	1993	520	11	2.0	-0.001193	**-130.9258**	ug/L
	Se	82	13	564	28	4.9	0.000572	**55.7548**	ug/L
	Ag	107	23	6728	10	0.2	0.006938	**11.1754**	ug/L
	Ag	109	21	6376	112	1.8	0.006575	**10.6527**	ug/L
	Cd	111	11	52	3	5.1	0.000044	**0.3275**	ug/L
	Cd	114	28	16	3	18.9	-0.000008	**-0.0168**	ug/L
>	In	115	1151262	967075	6630	0.7	967074.803900		ug/L
	Sb	121	56	5827	98	1.7	0.005976	**15.6255**	ug/L
>	Tm	169	804781	684761	3324	0.5	684760.686732		ug/L
	Tl	205	6	12578	136	1.1	0.018362	**10.1805**	ug/L
	Pb	208	72	204	8	4.1	0.000208	**0.0730**	ug/L
	C	13	20307	15218	41	0.3	-5089.262705		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	80.478
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	84.479
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.001
	Sb	121	
>	Tm	169	85.087
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-MSD1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:25:25
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 256

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-MSD1.153
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	528	10	1.9	0.000870	**6.1756**	ug/L
>	Sc	45	719009	591977	5699	1.0	591977.377142		ug/L
	Cr	52	3658	33229	437	1.3	0.051043	**45.5549**	ug/L
	Cr	53	21604	5237	19	0.4	-0.021200	**-150.2845**	ug/L
	Cu	65	36	127	21	16.1	0.000208	**0.5195**	ug/L
	Cu	63	38	275	17	6.0	0.000522	**0.5685**	ug/L
>	Ge	74	540384	464802	4454	1.0	464802.423938		ug/L
	As	75	-96	4702	136	2.9	0.010295	**42.0474**	ug/L
	As-1	75	2889	7026	125	1.8	0.009773	**41.3855**	ug/L
	Se	77	1993	560	45	8.0	-0.001160	**-127.2623**	ug/L
	Se	82	13	613	17	2.8	0.000614	**59.8174**	ug/L
	Ag	107	23	6674	33	0.5	0.006795	**10.9458**	ug/L
	Ag	109	21	6472	118	1.8	0.006591	**10.6784**	ug/L
	Cd	111	11	53	2	2.9	0.000044	**0.3275**	ug/L
	Cd	114	28	24	10	41.1	-0.000000	**0.0083**	ug/L
>	In	115	1151262	979514	14948	1.5	979513.711240		ug/L
	Sb	121	56	8376	70	0.8	0.008503	**22.2353**	ug/L
>	Tm	169	804781	690431	18054	2.6	690431.421835		ug/L
	Tl	205	6	12783	174	1.4	0.018513	**10.2641**	ug/L
	Pb	208	72	144	13	8.9	0.000119	**0.0364**	ug/L
	C	13	20307	15425	128	0.8	-4881.579250		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	82.332
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.013
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.082
	Sb	121	
>	Tm	169	85.791
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-05RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:27:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 257

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-05RE1.154
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	20	5	25.0	0.000012	**0.0629**	ug/L
>	Sc	45	719009	594355	6562	1.1	594355.274162		ug/L
	Cr	52	3658	2922	123	4.2	-0.000171	**-0.3872**	ug/L
	Cr	53	21604	1371	57	4.1	-0.027740	**-195.5502**	ug/L
	Cu	65	36	284	13	4.4	0.000545	**1.2554**	ug/L
	Cu	63	38	529	10	1.8	0.001066	**1.1441**	ug/L
>	Ge	74	540384	465473	6833	1.5	465473.392736		ug/L
	As	75	-96	79	56	71.0	0.000349	**0.7948**	ug/L
	As-1	75	2889	2502	96	3.8	0.000032	**1.0601**	ug/L
	Se	77	1993	42	8	19.7	-0.001688	**-185.4429**	ug/L
	Se	82	13	-2	12	615.0	-0.000013	**-0.3734**	ug/L
	Ag	107	23	445	15	3.5	0.000434	**0.7063**	ug/L
	Ag	109	21	282	9	3.2	0.000269	**0.4381**	ug/L
	Cd	111	11	59	4	6.1	0.000050	**0.3753**	ug/L
	Cd	114	28	45	2	5.4	0.000022	**0.0786**	ug/L
>	In	115	1151262	981059	19793	2.0	981058.683104		ug/L
	Sb	121	56	257	21	8.3	0.000213	**0.5509**	ug/L
>	Tm	169	804781	689705	12493	1.8	689705.400834		ug/L
	Tl	205	6	17	3	19.3	0.000017	**0.0063**	ug/L
	Pb	208	72	892	24	2.7	0.001204	**0.4839**	ug/L
	C	13	20307	15485	168	1.1	-4821.810665		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	82.663
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.138
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.216
	Sb	121	
>	Tm	169	85.701
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-06RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:29:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 258

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-06RE1.155
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	2	14.3	0.000002	**-0.0107**	ug/L
>	Sc	45	719009	601210	2220	0.4	601210.481345		ug/L
	Cr	52	3658	1356	13	1.0	-0.002832	**-2.7745**	ug/L
	Cr	53	21604	1048	33	3.1	-0.028303	**-199.4486**	ug/L
	Cu	65	36	113	22	19.4	0.000175	**0.4491**	ug/L
	Cu	63	38	206	6	2.9	0.000369	**0.4066**	ug/L
>	Ge	74	540384	468129	1361	0.3	468128.809417		ug/L
	As	75	-96	39	3	8.0	0.000261	**0.4315**	ug/L
	As-1	75	2889	2532	48	1.9	0.000062	**1.1845**	ug/L
	Se	77	1993	47	5	9.8	-0.001683	**-184.9475**	ug/L
	Se	82	13	-2	1	44.2	-0.000014	**-0.4196**	ug/L
	Ag	107	23	432	29	6.7	0.000417	**0.6792**	ug/L
	Ag	109	21	272	6	2.1	0.000257	**0.4191**	ug/L
	Cd	111	11	65	3	3.9	0.000056	**0.4154**	ug/L
	Cd	114	28	49	6	12.3	0.000025	**0.0897**	ug/L
>	In	115	1151262	988315	4704	0.5	988314.862144		ug/L
	Sb	121	56	301	12	4.1	0.000256	**0.6644**	ug/L
>	Tm	169	804781	693003	2198	0.3	693002.937539		ug/L
	Tl	205	6	7	2	22.9	0.000003	**-0.0018**	ug/L
	Pb	208	72	187	11	6.1	0.000181	**0.0618**	ug/L
	C	13	20307	15638	127	0.8	-4668.549097		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.617
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.629
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.846
	Sb	121	
>	Tm	169	86.111
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-07RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:32:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 259

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-07RE1.156
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	8	41.8	0.000010	**0.0494**	ug/L
>	Sc	45	719009	598910	2803	0.5	598909.926648		ug/L
	Cr	52	3658	1621	57	3.5	-0.002382	**-2.3704**	ug/L
	Cr	53	21604	965	37	3.9	-0.028435	**-200.3598**	ug/L
	Cu	65	36	152	9	5.7	0.000257	**0.6274**	ug/L
	Cu	63	38	228	25	10.8	0.000415	**0.4549**	ug/L
>	Ge	74	540384	469414	984	0.2	469413.900842		ug/L
	As	75	-96	57	19	33.6	0.000298	**0.5843**	ug/L
	As-1	75	2889	2502	35	1.4	-0.000015	**0.8622**	ug/L
	Se	77	1993	42	2	4.9	-0.001688	**-185.4430**	ug/L
	Se	82	13	-4	9	253.2	-0.000015	**-0.5483**	ug/L
	Ag	107	23	422	32	7.5	0.000410	**0.6675**	ug/L
	Ag	109	21	266	10	3.8	0.000253	**0.4114**	ug/L
	Cd	111	11	57	5	8.8	0.000048	**0.3614**	ug/L
	Cd	114	28	33	9	28.0	0.000009	**0.0384**	ug/L
>	In	115	1151262	983514	6623	0.7	983514.410235		ug/L
	Sb	121	56	229	29	12.7	0.000184	**0.4759**	ug/L
>	Tm	169	804781	687029	2996	0.4	687028.504767		ug/L
	Tl	205	6	96	4	4.2	0.000133	**0.0706**	ug/L
	Pb	208	72	147	12	8.2	0.000124	**0.0385**	ug/L
	C	13	20307	15639	84	0.5	-4667.881617		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.297
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.867
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.429
	Sb	121	
>	Tm	169	85.368
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-DUP2
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:34:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 260

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-DUP2.157
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	10	3	26.5	-0.000005	**-0.0581**	ug/L
>	Sc	45	719009	600671	1649	0.3	600670.757540		ug/L
	Cr	52	3658	1551	35	2.2	-0.002505	**-2.4814**	ug/L
	Cr	53	21604	883	20	2.3	-0.028577	**-201.3387**	ug/L
	Cu	65	36	139	8	5.8	0.000230	**0.5674**	ug/L
	Cu	63	38	217	16	7.2	0.000392	**0.4307**	ug/L
>	Ge	74	540384	470232	907	0.2	470231.921009		ug/L
	As	75	-96	77	46	60.4	0.000340	**0.7594**	ug/L
	As-1	75	2889	2509	81	3.2	-0.000010	**0.8857**	ug/L
	Se	77	1993	43	9	21.1	-0.001688	**-185.4327**	ug/L
	Se	82	13	1	5	322.5	-0.000010	**-0.0632**	ug/L
	Ag	107	23	349	23	6.7	0.000333	**0.5431**	ug/L
	Ag	109	21	220	5	2.1	0.000204	**0.3329**	ug/L
	Cd	111	11	51	3	6.8	0.000042	**0.3106**	ug/L
	Cd	114	28	30	2	7.3	0.000006	**0.0273**	ug/L
>	In	115	1151262	989420	3935	0.4	989419.694098		ug/L
	Sb	121	56	213	7	3.0	0.000167	**0.4308**	ug/L
>	Tm	169	804781	693568	5022	0.7	693568.021261		ug/L
	Tl	205	6	95	13	13.3	0.000130	**0.0686**	ug/L
	Pb	208	72	163	7	4.3	0.000146	**0.0473**	ug/L
	C	13	20307	15652	86	0.5	-4654.525314		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.542
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.018
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.942
	Sb	121	
>	Tm	169	86.181
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-MS2
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:36:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 315

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-MS2.158
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	733	11	1.5	0.001195	**8.4914**	ug/L
>	Sc	45	719009	602367	552	0.1	602366.550428		ug/L
	Cr	52	3658	34166	233	0.7	0.051632	**46.0827**	ug/L
	Cr	53	21604	4782	64	1.3	-0.022109	**-156.5769**	ug/L
	Cu	65	36	163	16	9.5	0.000280	**0.6782**	ug/L
	Cu	63	38	253	5	1.8	0.000466	**0.5095**	ug/L
>	Ge	74	540384	471503	1368	0.3	471502.986759		ug/L
	As	75	-96	6090	174	2.9	0.013094	**53.6547**	ug/L
	As-1	75	2889	8447	166	2.0	0.012569	**52.9579**	ug/L
	Se	77	1993	536	14	2.6	-0.001188	**-130.3657**	ug/L
	Se	82	13	642	35	5.4	0.000638	**62.1163**	ug/L
	Ag	107	23	6589	114	1.7	0.006655	**10.7201**	ug/L
	Ag	109	21	6342	112	1.8	0.006405	**10.3783**	ug/L
	Cd	111	11	51	6	10.7	0.000042	**0.3141**	ug/L
	Cd	114	28	41	7	16.4	0.000016	**0.0621**	ug/L
>	In	115	1151262	987328	7386	0.7	987327.766519		ug/L
	Sb	121	56	11604	92	0.8	0.011705	**30.6084**	ug/L
>	Tm	169	804781	696949	8448	1.2	696949.353269		ug/L
	Tl	205	6	12968	184	1.4	0.018599	**10.3120**	ug/L
	Pb	208	72	135	11	7.8	0.000104	**0.0302**	ug/L
	C	13	20307	15549	121	0.8	-4757.701878		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.777
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.253
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.761
	Sb	121	
>	Tm	169	86.601
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122319-MSD2
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:38:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 316

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122242-MSD2.159
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	753	87	11.5	0.001225	**8.7018**	ug/L
>	Sc	45	719009	604233	3743	0.6	604232.607813		ug/L
	Cr	52	3658	34416	208	0.6	0.051870	**46.2968**	ug/L
	Cr	53	21604	4614	94	2.0	-0.022412	**-158.6751**	ug/L
	Cu	65	36	158	16	10.0	0.000269	**0.6528**	ug/L
	Cu	63	38	250	11	4.5	0.000460	**0.5026**	ug/L
>	Ge	74	540384	471031	242	0.1	471030.695244		ug/L
	As	75	-96	5986	47	0.8	0.012885	**52.7919**	ug/L
	As-1	75	2889	8333	97	1.2	0.012345	**52.0332**	ug/L
	Se	77	1993	559	15	2.7	-0.001168	**-128.2175**	ug/L
	Se	82	13	636	32	5.0	0.000629	**61.1716**	ug/L
	Ag	107	23	6659	41	0.6	0.006679	**10.7589**	ug/L
	Ag	109	21	6474	49	0.7	0.006494	**10.5220**	ug/L
	Cd	111	11	51	6	10.9	0.000041	**0.3062**	ug/L
	Cd	114	28	30	11	37.5	0.000005	**0.0268**	ug/L
>	In	115	1151262	994148	3475	0.3	994148.474996		ug/L
	Sb	121	56	11629	99	0.8	0.011649	**30.4634**	ug/L
>	Tm	169	804781	698267	3905	0.6	698266.739764		ug/L
	Tl	205	6	13122	33	0.2	0.018786	**10.4153**	ug/L
	Pb	208	72	172	7	3.8	0.000157	**0.0519**	ug/L
	C	13	20307	15545	149	1.0	-4762.042353		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.037
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.166
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.353
	Sb	121	
>	Tm	169	86.765
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-08RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:41:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 317

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-08RE1.160
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	5	33.0	0.000001	**-0.0153**	ug/L
>	Sc	45	719009	603571	2308	0.4	603571.141468		ug/L
	Cr	52	3658	1396	124	8.9	-0.002776	**-2.7243**	ug/L
	Cr	53	21604	716	28	3.8	-0.028860	**-203.3026**	ug/L
	Cu	65	36	307	19	6.0	0.000587	**1.3485**	ug/L
	Cu	63	38	529	18	3.3	0.001053	**1.1310**	ug/L
>	Ge	74	540384	470532	3539	0.8	470531.574892		ug/L
	As	75	-96	45	41	91.4	0.000272	**0.4783**	ug/L
	As-1	75	2889	2462	76	3.1	-0.000112	**0.4606**	ug/L
	Se	77	1993	35	12	33.5	-0.001695	**-186.2428**	ug/L
	Se	82	13	-4	5	116.6	-0.000016	**-0.5774**	ug/L
	Ag	107	23	433	14	3.2	0.000419	**0.6822**	ug/L
	Ag	109	21	272	7	2.7	0.000258	**0.4197**	ug/L
	Cd	111	11	63	9	14.9	0.000054	**0.4059**	ug/L
	Cd	114	28	66	5	7.0	0.000042	**0.1444**	ug/L
>	In	115	1151262	986939	4208	0.4	986939.301912		ug/L
	Sb	121	56	274	24	8.8	0.000229	**0.5938**	ug/L
>	Tm	169	804781	695555	5547	0.8	695555.433076		ug/L
	Tl	205	6	29	4	13.8	0.000035	**0.0163**	ug/L
	Pb	208	72	136	12	8.5	0.000106	**0.0309**	ug/L
	C	13	20307	15587	75	0.5	-4719.971013		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.945
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.074
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.727
	Sb	121	
>	Tm	169	86.428
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-09RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:43:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 318

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-09RE1.161
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	4	22.3	0.000010	**0.0444**	ug/L
>	Sc	45	719009	602339	4972	0.8	602338.598281		ug/L
	Cr	52	3658	1449	58	4.0	-0.002682	**-2.6403**	ug/L
	Cr	53	21604	673	3	0.4	-0.028931	**-203.7883**	ug/L
	Cu	65	36	338	16	4.6	0.000647	**1.4797**	ug/L
	Cu	63	38	534	14	2.6	0.001058	**1.1356**	ug/L
>	Ge	74	540384	473662	4354	0.9	473662.251285		ug/L
	As	75	-96	681	27	3.9	0.001614	**6.0446**	ug/L
	As-1	75	2889	3089	42	1.4	0.001177	**5.7997**	ug/L
	Se	77	1993	38	6	14.8	-0.001692	**-185.9216**	ug/L
	Se	82	13	1	10	1390.8	-0.000011	**-0.1305**	ug/L
	Ag	107	23	403	31	7.6	0.000387	**0.6305**	ug/L
	Ag	109	21	293	5	1.7	0.000277	**0.4514**	ug/L
	Cd	111	11	58	4	6.5	0.000049	**0.3661**	ug/L
	Cd	114	28	63	4	6.2	0.000039	**0.1332**	ug/L
>	In	115	1151262	990323	3074	0.3	990322.676734		ug/L
	Sb	121	56	2615	96	3.7	0.002592	**6.7723**	ug/L
>	Tm	169	804781	694002	2488	0.4	694002.050623		ug/L
	Tl	205	6	41	5	12.4	0.000053	**0.0259**	ug/L
	Pb	208	72	327	22	6.7	0.000381	**0.1445**	ug/L
	C	13	20307	15683	52	0.3	-4624.139850		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.773
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.653
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.021
	Sb	121	
>	Tm	169	86.235
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVB
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 19:45:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCVB.162
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	926	34	3.7	0.001554	**2.2095**	ug/L
>	Sc	45	719009	587999	5274	0.9	587999.435891		ug/L
|	Cr	52	3658	90915	718	0.8	0.149531	**26.7809**	ug/L
⌊	Cr	53	21604	21759	897	4.1	0.006969	**8.9333**	ug/L
⌈	Cu	65	36	11085	103	0.9	0.024158	**10.5622**	ug/L
|	Cu	63	38	22848	397	1.7	0.049860	**10.5593**	ug/L
>	Ge	74	540384	457681	5351	1.2	457681.041237		ug/L
|	As	75	-96	6089	80	1.3	0.013484	**11.0545**	ug/L
⌊	As-1	75	2889	8191	209	2.6	0.012556	**10.5811**	ug/L
⌈	Se	77	1993	2018	84	4.2	0.000315	**7.0500**	ug/L
|	Se	82	13	1051	36	3.4	0.001054	**20.3910**	ug/L
|	Ag	107	23	6422	66	1.0	0.006491	**2.0914**	ug/L
|	Ag	109	21	6206	124	2.0	0.006275	**2.0334**	ug/L
|	Cd	111	11	732	8	1.0	0.000732	**1.1050**	ug/L
|	Cd	114	28	1698	60	3.5	0.001697	**1.0942**	ug/L
>	In	115	1151262	986346	8035	0.8	986345.922118		ug/L
⌊	Sb	121	56	4158	94	2.3	0.004167	**2.1784**	ug/L
>	Tm	169	804781	725160	8900	1.2	725160.112034		ug/L
|	Tl	205	6	3395	40	1.2	0.004675	**0.5179**	ug/L
⌊	Pb	208	72	44623	557	1.2	0.061450	**5.0662**	ug/L
	C	13	20307	14837	273	1.8	-5469.554570		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	81.779
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	84.696
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.675
	Sb	121	
>	Tm	169	90.106
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBB
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 19:47:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCBB.163
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	14	5	35.1	0.000003	**-0.0004**	ug/L
>	Sc	45	719009	584415	2188	0.4	584415.266859		ug/L
|	Cr	52	3658	1565	67	4.3	-0.002410	**-0.4792**	ug/L
⌊	Cr	53	21604	7344	247	3.4	-0.017482	**-24.9104**	ug/L
⌈	Cu	65	36	22	10	45.5	-0.000018	**0.0053**	ug/L
|	Cu	63	38	32	10	29.8	-0.000001	**0.0030**	ug/L
>	Ge	74	540384	460097	2398	0.5	460097.436275		ug/L
|	As	75	-96	-56	75	133.7	0.000054	**-0.0851**	ug/L
⌊	As-1	75	2889	2325	42	1.8	-0.000292	**-0.0570**	ug/L
⌈	Se	77	1993	650	11	1.7	-0.001081	**-23.7140**	ug/L
|	Se	82	13	-7	11	162.5	-0.000018	**-0.1652**	ug/L
|	Ag	107	23	40	7	17.6	0.000021	**0.0082**	ug/L
|	Ag	109	21	28	16	56.3	0.000010	**0.0037**	ug/L
|	Cd	111	11	10	4	36.3	-0.000000	**-0.0011**	ug/L
|	Cd	114	28	16	2	11.4	-0.000009	**-0.0039**	ug/L
>	In	115	1151262	1000239	7859	0.8	1000238.891875		ug/L
⌊	Sb	121	56	22	6	28.8	-0.000026	**-0.0149**	ug/L
⌈ >	Tm	169	804781	722234	5343	0.7	722234.425205		ug/L
|	Tl	205	6	3	1	43.3	-0.000003	**-0.0010**	ug/L
⌊	Pb	208	72	72	10	14.5	0.000010	**-0.0017**	ug/L
	C	13	20307	14352	131	0.9	-5954.667874		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	81.281
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	85.143
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.882
	Sb	121	
>	Tm	169	89.743
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-10RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:50:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 319

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-10RE1.164
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	3	16.6	0.000012	**0.0620**	ug/L
>	Sc	45	719009	576925	3400	0.6	576924.691077		ug/L
	Cr	52	3658	1531	83	5.4	-0.002434	**-2.4174**	ug/L
	Cr	53	21604	2019	150	7.4	-0.026549	**-187.3053**	ug/L
	Cu	65	36	249	9	3.6	0.000478	**1.1087**	ug/L
	Cu	63	38	392	10	2.5	0.000785	**0.8473**	ug/L
>	Ge	74	540384	458164	4601	1.0	458164.236629		ug/L
	As	75	-96	639	60	9.4	0.001573	**5.8708**	ug/L
	As-1	75	2889	3017	130	4.3	0.001241	**6.0647**	ug/L
	Se	77	1993	62	15	23.6	-0.001666	**-183.0888**	ug/L
	Se	82	13	-2	4	193.3	-0.000014	**-0.4279**	ug/L
	Ag	107	23	463	8	1.7	0.000464	**0.7551**	ug/L
	Ag	109	21	303	20	6.6	0.000298	**0.4850**	ug/L
	Cd	111	11	56	6	10.8	0.000048	**0.3613**	ug/L
	Cd	114	28	31	4	13.0	0.000008	**0.0353**	ug/L
>	In	115	1151262	956531	11518	1.2	956531.081053		ug/L
	Sb	121	56	3164	61	1.9	0.003259	**8.5183**	ug/L
>	Tm	169	804781	680837	5850	0.9	680836.879692		ug/L
	Tl	205	6	46	5	11.0	0.000060	**0.0301**	ug/L
	Pb	208	72	221	6	2.8	0.000235	**0.0842**	ug/L
	C	13	20307	14932	54	0.4	-5374.735456		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	80.239
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	84.785
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	83.085
	Sb	121	
>	Tm	169	84.599
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-11RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:52:22
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 320

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-11RE1.165
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	99	5	5.1	0.000147	**1.0262**	ug/L
>	Sc	45	719009	588560	3090	0.5	588560.441358		ug/L
	Cr	52	3658	20310	63	0.3	0.029420	**26.1578**	ug/L
	Cr	53	21604	3700	194	5.2	-0.023762	**-168.0187**	ug/L
	Cu	65	36	1841	38	2.1	0.003943	**8.6747**	ug/L
	Cu	63	38	3683	43	1.2	0.007952	**8.4338**	ug/L
>	Ge	74	540384	459100	1336	0.3	459100.411333		ug/L
	As	75	-96	102	55	54.1	0.000400	**1.0072**	ug/L
	As-1	75	2889	2488	48	1.9	0.000074	**1.2312**	ug/L
	Se	77	1993	54	7	13.2	-0.001675	**-184.0642**	ug/L
	Se	82	13	-8	13	166.6	-0.000020	**-0.9603**	ug/L
	Ag	107	23	616	19	3.1	0.000618	**1.0022**	ug/L
	Ag	109	21	462	13	2.7	0.000459	**0.7465**	ug/L
	Cd	111	11	60	12	20.3	0.000052	**0.3905**	ug/L
	Cd	114	28	35	4	11.5	0.000011	**0.0449**	ug/L
>	In	115	1151262	966413	6825	0.7	966412.721370		ug/L
	Sb	121	56	197	18	9.0	0.000155	**0.3990**	ug/L
>	Tm	169	804781	681099	5744	0.8	681098.737911		ug/L
	Tl	205	6	80	9	10.7	0.000110	**0.0581**	ug/L
	Pb	208	72	13751	109	0.8	0.020102	**8.2777**	ug/L
	C	13	20307	15052	40	0.3	-5254.871410		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	81.857
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	84.958
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	83.944
	Sb	121	
>	Tm	169	84.632
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-12RE1
Sample Description: 5x
Batch ID: B122319

Sample Date/Time: Saturday, December 08, 2012 19:54:36
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 321

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1248018-12RE1.166
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	21	1	4.8	0.000014	**0.0778**	ug/L
>	Sc	45	719009	588063	2898	0.5	588062.690100		ug/L
	Cr	52	3658	1924	136	7.1	-0.001816	**-1.8626**	ug/L
	Cr	53	21604	1209	29	2.4	-0.027992	**-197.2917**	ug/L
	Cu	65	36	233	12	5.2	0.000436	**1.0183**	ug/L
	Cu	63	38	354	8	2.3	0.000693	**0.7496**	ug/L
>	Ge	74	540384	463319	2379	0.5	463318.672330		ug/L
	As	75	-96	9	21	226.3	0.000197	**0.1641**	ug/L
	As-1	75	2889	2468	34	1.4	-0.000019	**0.8457**	ug/L
	Se	77	1993	50	6	12.5	-0.001679	**-184.4961**	ug/L
	Se	82	13	-11	6	54.2	-0.000023	**-1.3190**	ug/L
	Ag	107	23	373	8	2.0	0.000366	**0.5968**	ug/L
	Ag	109	21	232	16	7.1	0.000221	**0.3610**	ug/L
	Cd	111	11	45	4	9.7	0.000037	**0.2725**	ug/L
	Cd	114	28	26	6	24.3	0.000002	**0.0160**	ug/L
>	In	115	1151262	968017	4632	0.5	968017.263071		ug/L
	Sb	121	56	568	7	1.2	0.000538	**1.4016**	ug/L
>	Tm	169	804781	681220	1150	0.2	681219.961762		ug/L
	Tl	205	6	11	5	44.3	0.000009	**0.0016**	ug/L
	Pb	208	72	419	20	4.7	0.000526	**0.2042**	ug/L
	C	13	20307	15295	124	0.8	-5011.799037		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	81.788
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	85.739
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.083
	Sb	121	
>	Tm	169	84.647
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-BLK1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 19:56:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 322

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-BLK1.167
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	5	31.5	0.000003	**0.0000**	ug/L
>	Sc	45	719009	590648	6106	1.0	590647.763837		ug/L
	Cr	52	3658	900	107	11.8	-0.003566	**-6.8657**	ug/L
	Cr	53	21604	981	33	3.4	-0.028387	**-400.0509**	ug/L
	Cu	65	36	25	8	29.6	-0.000011	**0.0844**	ug/L
	Cu	63	38	39	9	23.1	0.000014	**0.0620**	ug/L
>	Ge	74	540384	460804	3576	0.8	460804.155363		ug/L
	As	75	-96	16	33	209.6	0.000211	**0.4476**	ug/L
	As-1	75	2889	2477	90	3.6	0.000031	**2.1097**	ug/L
	Se	77	1993	37	13	35.8	-0.001693	**-372.1218**	ug/L
	Se	82	13	-15	8	53.9	-0.000027	**-3.3035**	ug/L
	Ag	107	23	17	1	5.9	-0.000002	**0.0074**	ug/L
	Ag	109	21	13	2	13.3	-0.000005	**-0.0120**	ug/L
	Cd	111	11	8	3	33.1	-0.000002	**-0.0345**	ug/L
	Cd	114	28	19	4	19.5	-0.000005	**-0.0156**	ug/L
>	In	115	1151262	986331	13030	1.3	986331.059120		ug/L
	Sb	121	56	11	2	15.7	-0.000037	**-0.2079**	ug/L
>	Tm	169	804781	705867	10241	1.5	705867.313399		ug/L
	Tl	205	6	1	1	100.0	-0.000006	**-0.0127**	ug/L
	Pb	208	72	47	12	24.7	-0.000023	**-0.0450**	ug/L
	C	13	20307	17234	267	1.5	-3073.333568		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	82.148
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	85.274
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.674
	Sb	121	
>	Tm	169	87.709
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-BLK2
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 19:59:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 323

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-BLK2.168
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	6	38.2	0.000004	**0.0134**	ug/L
>	Sc	45	719009	595587	926	0.2	595587.381028		ug/L
	Cr	52	3658	832	66	7.9	-0.003691	**-7.0905**	ug/L
	Cr	53	21604	897	18	2.0	-0.028542	**-402.1916**	ug/L
	Cu	65	36	22	5	22.5	-0.000018	**0.0541**	ug/L
	Cu	63	38	33	2	6.2	0.000002	**0.0351**	ug/L
>	Ge	74	540384	464007	1309	0.3	464007.364030		ug/L
	As	75	-96	-0	31	8245.7	0.000176	**0.1576**	ug/L
	As-1	75	2889	2473	21	0.8	-0.000016	**1.7216**	ug/L
	Se	77	1993	43	8	18.8	-0.001688	**-370.9128**	ug/L
	Se	82	13	-8	5	63.9	-0.000020	**-1.9908**	ug/L
	Ag	107	23	12	2	12.4	-0.000007	**-0.0081**	ug/L
	Ag	109	21	10	1	5.6	-0.000008	**-0.0210**	ug/L
	Cd	111	11	12	3	27.6	0.000002	**0.0203**	ug/L
	Cd	114	28	22	2	8.3	-0.000002	**0.0044**	ug/L
>	In	115	1151262	993853	4314	0.4	993852.822588		ug/L
	Sb	121	56	11	3	27.0	-0.000037	**-0.2067**	ug/L
>	Tm	169	804781	714596	1760	0.2	714595.580364		ug/L
	Tl	205	6	5	2	32.7	-0.000001	**-0.0070**	ug/L
	Pb	208	72	46	4	9.5	-0.000025	**-0.0463**	ug/L
	C	13	20307	17454	153	0.9	-2852.581416		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	82.835
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	85.866
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.327
	Sb	121	
>	Tm	169	88.794
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-BLK3
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:01:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 324

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-BLK3.169
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	4	22.5	0.000005	**0.0229**	ug/L
>	Sc	45	719009	605818	2085	0.3	605818.452058		ug/L
	Cr	52	3658	931	4	0.5	-0.003551	**-6.8389**	ug/L
	Cr	53	21604	801	45	5.6	-0.028726	**-404.7409**	ug/L
	Cu	65	36	26	8	30.3	-0.000011	**0.0855**	ug/L
	Cu	63	38	27	2	7.6	-0.000011	**0.0078**	ug/L
>	Ge	74	540384	463569	3917	0.8	463568.955511		ug/L
	As	75	-96	3	10	396.2	0.000183	**0.2111**	ug/L
	As-1	75	2889	2533	81	3.2	0.000119	**2.8402**	ug/L
	Se	77	1993	41	1	1.4	-0.001690	**-371.3214**	ug/L
	Se	82	13	-20	10	49.2	-0.000031	**-4.1332**	ug/L
	Ag	107	23	17	2	9.2	-0.000003	**0.0052**	ug/L
	Ag	109	21	11	6	51.7	-0.000007	**-0.0180**	ug/L
	Cd	111	11	10	3	30.0	0.000000	**-0.0068**	ug/L
	Cd	114	28	20	4	19.7	-0.000004	**-0.0094**	ug/L
>	In	115	1151262	1006363	13135	1.3	1006362.768420		ug/L
	Sb	121	56	11	1	9.1	-0.000038	**-0.2091**	ug/L
>	Tm	169	804781	711123	5344	0.8	711123.354406		ug/L
	Tl	205	6	6	2	27.0	0.000001	**-0.0054**	ug/L
	Pb	208	72	50	2	3.5	-0.000019	**-0.0414**	ug/L
	C	13	20307	17514	218	1.2	-2793.133039		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.257
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	85.785
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.414
	Sb	121	
>	Tm	169	88.362
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-BLK4
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:03:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 325

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-BLK4.170
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	3	20.4	-0.000000	**-0.0497**	ug/L
>	Sc	45	719009	609716	3066	0.5	609716.372013		ug/L
	Cr	52	3658	863	26	3.1	-0.003673	**-7.0581**	ug/L
	Cr	53	21604	759	4	0.5	-0.028802	**-405.7989**	ug/L
	Cu	65	36	25	7	27.0	-0.000013	**0.0739**	ug/L
	Cu	63	38	36	5	13.9	0.000006	**0.0455**	ug/L
>	Ge	74	540384	469055	4671	1.0	469054.765580		ug/L
	As	75	-96	-7	33	441.9	0.000161	**0.0318**	ug/L
	As-1	75	2889	2514	58	2.3	0.000014	**1.9718**	ug/L
	Se	77	1993	43	9	21.8	-0.001688	**-370.9654**	ug/L
	Se	82	13	1	5	668.2	-0.000011	**-0.2470**	ug/L
	Ag	107	23	9	4	40.6	-0.000010	**-0.0181**	ug/L
	Ag	109	21	16	4	24.7	-0.000002	**-0.0017**	ug/L
	Cd	111	11	8	2	27.2	-0.000002	**-0.0414**	ug/L
	Cd	114	28	18	3	16.8	-0.000006	**-0.0229**	ug/L
>	In	115	1151262	999949	3450	0.3	999948.882403		ug/L
	Sb	121	56	13	1	7.7	-0.000036	**-0.1983**	ug/L
>	Tm	169	804781	704801	8483	1.2	704800.730584		ug/L
	Tl	205	6	6	2	24.1	0.000002	**-0.0043**	ug/L
	Pb	208	72	51	10	18.9	-0.000017	**-0.0398**	ug/L
	C	13	20307	17828	70	0.4	-2478.523937		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.800
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.800
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.857
	Sb	121	
>	Tm	169	87.577
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-BS1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:05:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 326

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-BS1.171
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	15	3	17.2	0.000003	**-0.0103**	ug/L
>	Sc	45	719009	609366	1370	0.2	609365.744340		ug/L
|	Cr	52	3658	6320	46	0.7	0.005284	**9.0118**	ug/L
⌊	Cr	53	21604	1363	40	2.9	-0.027810	**-392.0722**	ug/L
⌈	Cu	65	36	13576	139	1.0	0.028841	**126.0720**	ug/L
|	Cu	63	38	27904	395	1.4	0.059345	**125.6740**	ug/L
>	Ge	74	540384	469661	2016	0.4	469660.954947		ug/L
|	As	75	-96	5662	113	2.0	0.012233	**100.1676**	ug/L
⌊	As-1	75	2889	8187	150	1.8	0.012087	**101.9299**	ug/L
⌈	Se	77	1993	147	11	7.2	-0.001585	**-348.1909**	ug/L
|	Se	82	13	120	14	11.8	0.000108	**22.4723**	ug/L
|	Ag	107	23	12	3	22.0	-0.000008	**-0.0097**	ug/L
|	Ag	109	21	11	1	10.8	-0.000008	**-0.0203**	ug/L
|	Cd	111	11	430	7	1.6	0.000418	**6.2976**	ug/L
|	Cd	114	28	1025	14	1.4	0.000994	**6.4157**	ug/L
>	In	115	1151262	1006763	1580	0.2	1006762.651515		ug/L
⌊	Sb	121	56	13	2	12.1	-0.000036	**-0.2005**	ug/L
⌈ >	Tm	169	804781	718522	3511	0.5	718522.347358		ug/L
|	Tl	205	6	852	34	4.0	0.001179	**1.3009**	ug/L
⌊	Pb	208	72	11638	162	1.4	0.016108	**13.2610**	ug/L
	C	13	20307	17507	123	0.7	-2800.147709		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	84.751
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	86.913
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.449
	Sb	121	
>	Tm	169	89.282
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-SRM1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:08:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 327

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-SRM1.172
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	18	3	13.7	0.000008	**0.0687**	ug/L
>	Sc	45	719009	618746	4957	0.8	618745.699259		ug/L
	Cr	52	3658	-1669	118	7.1	-0.007786	**-14.4377**	ug/L
	Cr	53	21604	1018	34	3.3	-0.028403	**-400.2714**	ug/L
	Cu	65	36	11023	238	2.2	0.023361	**102.1430**	ug/L
	Cu	63	38	22814	418	1.8	0.048415	**102.5332**	ug/L
>	Ge	74	540384	470519	4890	1.0	470519.002131		ug/L
	As	75	-96	2630	142	5.4	0.005764	**46.5097**	ug/L
	As-1	75	2889	5085	74	1.5	0.005462	**47.0719**	ug/L
	Se	77	1993	145	2	1.1	-0.001587	**-348.5851**	ug/L
	Se	82	13	120	27	22.8	0.000108	**22.4638**	ug/L
	Ag	107	23	65	5	7.0	0.000045	**0.1595**	ug/L
	Ag	109	21	63	17	26.1	0.000045	**0.1494**	ug/L
	Cd	111	11	160	15	9.5	0.000150	**2.2545**	ug/L
	Cd	114	28	343	15	4.4	0.000317	**2.0611**	ug/L
>	In	115	1151262	1003211	13600	1.4	1003211.402500		ug/L
	Sb	121	56	20	2	7.5	-0.000028	**-0.1603**	ug/L
>	Tm	169	804781	715145	11394	1.6	715144.822409		ug/L
	Tl	205	6	48	6	12.5	0.000060	**0.0602**	ug/L
	Pb	208	72	1212	50	4.1	0.001605	**1.2982**	ug/L
	C	13	20307	91947	1189	1.3	71640.039886		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.055
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.071
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.140
	Sb	121	
>	Tm	169	88.862
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-SRM2
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:10:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 328

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-SRM2.173
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	3	13.9	0.000009	**0.0831**	ug/L
>	Sc	45	719009	620416	2237	0.4	620416.344796		ug/L
	Cr	52	3658	-2982	188	6.3	-0.009895	**-18.2209**	ug/L
	Cr	53	21604	702	26	3.6	-0.028915	**-407.3652**	ug/L
	Cu	65	36	67990	788	1.2	0.143225	**625.5502**	ug/L
	Cu	63	38	139888	760	0.5	0.294757	**624.0770**	ug/L
>	Ge	74	540384	474483	3863	0.8	474482.961834		ug/L
	As	75	-96	7805	55	0.7	0.016627	**136.6182**	ug/L
	As-1	75	2889	10243	33	0.3	0.016243	**136.3407**	ug/L
	Se	77	1993	209	14	6.5	-0.001523	**-334.5354**	ug/L
	Se	82	13	196	12	6.3	0.000184	**37.0729**	ug/L
	Ag	107	23	13698	143	1.0	0.013631	**43.8989**	ug/L
	Ag	109	21	13491	50	0.4	0.013425	**43.4988**	ug/L
	Cd	111	11	12182	154	1.3	0.012129	**183.1365**	ug/L
	Cd	114	28	27698	183	0.7	0.027578	**177.5690**	ug/L
>	In	115	1151262	1003641	12709	1.3	1003641.107726		ug/L
	Sb	121	56	51	6	12.2	0.000002	**-0.0006**	ug/L
>	Tm	169	804781	731896	10888	1.5	731896.431098		ug/L
	Tl	205	6	45	3	6.7	0.000055	**0.0545**	ug/L
	Pb	208	72	1730	65	3.8	0.002273	**1.8496**	ug/L
	C	13	20307	78973	453	0.6	58666.223897		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.288
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.805
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.178
	Sb	121	
>	Tm	169	90.943
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVC
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 20:12:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCVC.174
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	926	33	3.6	0.001544	**2.1955**	ug/L
>	Sc	45	719009	591454	9651	1.6	591453.564849		ug/L
|	Cr	52	3658	89967	722	0.8	0.147038	**26.3335**	ug/L
⌊	Cr	53	21604	21681	759	3.5	0.006631	**8.4656**	ug/L
⌈	Cu	65	36	10993	43	0.4	0.023989	**10.4884**	ug/L
|	Cu	63	38	22772	286	1.3	0.049757	**10.5375**	ug/L
>	Ge	74	540384	457018	3116	0.7	457017.921182		ug/L
|	As	75	-96	5823	115	2.0	0.012917	**10.5849**	ug/L
⌊	As-1	75	2889	8015	11	0.1	0.012194	**10.2810**	ug/L
⌈	Se	77	1993	2039	21	1.0	0.000329	**7.3680**	ug/L
|	Se	82	13	1024	17	1.7	0.001024	**19.8152**	ug/L
|	Ag	107	23	6272	62	1.0	0.006320	**2.0361**	ug/L
|	Ag	109	21	6251	57	0.9	0.006300	**2.0414**	ug/L
|	Cd	111	11	726	38	5.2	0.000724	**1.0929**	ug/L
|	Cd	114	28	1672	37	2.2	0.001665	**1.0739**	ug/L
>	In	115	1151262	989559	13464	1.4	989559.244022		ug/L
⌊	Sb	121	56	5026	89	1.8	0.005030	**2.6301**	ug/L
⌈ >	Tm	169	804781	711399	9311	1.3	711398.587241		ug/L
|	Tl	205	6	3313	50	1.5	0.004651	**0.5152**	ug/L
⌊	Pb	208	72	44053	510	1.2	0.061842	**5.0986**	ug/L
	C	13	20307	16200	767	4.7	-4107.213195		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	82.260
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	84.573
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	85.954
	Sb	121	
>	Tm	169	88.396
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBC
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 20:14:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCBC.175
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
[	Be	9	15	11	1	9.1	-0.000002	**-0.0084**	ug/L
>	Sc	45	719009	581707	13583	2.3	581706.903603		ug/L
	Cr	52	3658	1632	48	3.0	-0.002282	**-0.4562**	ug/L
]	Cr	53	21604	7488	204	2.7	-0.017171	**-24.4800**	ug/L
[	Cu	65	36	30	2	5.8	0.000000	**0.0133**	ug/L
	Cu	63	38	50	7	14.0	0.000040	**0.0117**	ug/L
>	Ge	74	540384	452243	7381	1.6	452242.639040		ug/L
	As	75	-96	-5	62	1231.2	0.000166	**0.0072**	ug/L
]	As-1	75	2889	2338	92	3.9	-0.000174	**0.0411**	ug/L
[	Se	77	1993	641	21	3.2	-0.001072	**-23.5282**	ug/L
	Se	82	13	-2	13	816.0	-0.000013	**-0.0680**	ug/L
	Ag	107	23	46	18	37.8	0.000028	**0.0105**	ug/L
	Ag	109	21	36	12	31.7	0.000019	**0.0066**	ug/L
	Cd	111	11	8	3	37.5	-0.000002	**-0.0033**	ug/L
	Cd	114	28	19	1	3.3	-0.000005	**-0.0015**	ug/L
>	In	115	1151262	974229	19221	2.0	974229.125909		ug/L
]	Sb	121	56	292	12	4.3	0.000251	**0.1303**	ug/L
[>	Tm	169	804781	710615	9735	1.4	710614.981903		ug/L
	Tl	205	6	4	2	41.7	-0.000002	**-0.0009**	ug/L
]	Pb	208	72	78	7	8.3	0.000021	**-0.0008**	ug/L
	C	13	20307	15107	94	0.6	-5199.779875		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
[	Be	9	
>	Sc	45	80.904
	Cr	52	
]	Cr	53	
[	Cu	65	
	Cu	63	
>	Ge	74	83.689
	As	75	
]	As-1	75	
[	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.623
	Sb	121	
>	Tm	169	88.299
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246025-04RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:17:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 329

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246025-04RE1.176
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	1	3.9	0.000003	**-0.0057**	ug/L
>	Sc	45	719009	601197	3947	0.7	601197.340943		ug/L
	Cr	52	3658	-720	189	26.3	-0.006284	**-11.7426**	ug/L
	Cr	53	21604	1922	159	8.3	-0.026850	**-378.7763**	ug/L
	Cu	65	36	1694	54	3.2	0.003579	**15.7607**	ug/L
	Cu	63	38	3463	41	1.2	0.007380	**15.6570**	ug/L
>	Ge	74	540384	464847	2768	0.6	464846.514098		ug/L
	As	75	-96	51	38	74.6	0.000286	**1.0680**	ug/L
	As-1	75	2889	2435	50	2.1	-0.000106	**0.9737**	ug/L
	Se	77	1993	72	2	2.1	-0.001660	**-364.7504**	ug/L
	Se	82	13	20	3	17.7	0.000008	**3.3524**	ug/L
	Ag	107	23	39	14	36.8	0.000019	**0.0773**	ug/L
	Ag	109	21	31	2	6.6	0.000013	**0.0457**	ug/L
	Cd	111	11	9	3	27.0	-0.000001	**-0.0176**	ug/L
	Cd	114	28	28	4	15.6	0.000003	**0.0378**	ug/L
>	In	115	1151262	1010959	4781	0.5	1010959.255757		ug/L
	Sb	121	56	12	5	38.7	-0.000037	**-0.2059**	ug/L
>	Tm	169	804781	729906	6173	0.8	729906.295064		ug/L
	Tl	205	6	8	4	54.5	0.000004	**-0.0021**	ug/L
	Pb	208	72	100	13	13.1	0.000048	**0.0137**	ug/L
	C	13	20307	40155	780	1.9	19847.853721		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.615
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.022
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.813
	Sb	121	
>	Tm	169	90.696
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-DUP1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:19:21
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 330

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-DUP1.177
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	4	24.2	0.000006	**0.0383**	ug/L
>	Sc	45	719009	607033	3779	0.6	607032.558906		ug/L
	Cr	52	3658	-1161	122	10.5	-0.007002	**-13.0300**	ug/L
	Cr	53	21604	1351	88	6.5	-0.027820	**-392.2078**	ug/L
	Cu	65	36	2003	34	1.7	0.004231	**18.6070**	ug/L
	Cu	63	38	4036	93	2.3	0.008587	**18.2117**	ug/L
>	Ge	74	540384	466162	2541	0.5	466161.998481		ug/L
	As	75	-96	60	19	32.3	0.000304	**1.2226**	ug/L
	As-1	75	2889	2481	39	1.6	-0.000024	**1.6542**	ug/L
	Se	77	1993	64	2	2.4	-0.001666	**-366.1498**	ug/L
	Se	82	13	23	7	28.2	0.000012	**4.0505**	ug/L
	Ag	107	23	23	5	22.6	0.000003	**0.0251**	ug/L
	Ag	109	21	29	5	17.9	0.000011	**0.0396**	ug/L
	Cd	111	11	13	6	45.8	0.000004	**0.0447**	ug/L
	Cd	114	28	23	3	12.3	-0.000001	**0.0098**	ug/L
>	In	115	1151262	996800	4108	0.4	996799.728548		ug/L
	Sb	121	56	11	3	24.1	-0.000038	**-0.2086**	ug/L
>	Tm	169	804781	714440	10721	1.5	714439.666943		ug/L
	Tl	205	6	11	2	18.2	0.000008	**0.0029**	ug/L
	Pb	208	72	150	19	12.5	0.000121	**0.0744**	ug/L
	C	13	20307	42691	605	1.4	22384.028308		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	84.426
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	86.265
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	86.583
	Sb	121	
>	Tm	169	88.774
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-MS1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:21:36
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 331

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-MS1.178
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	2	16.9	0.000001	**-0.0364**	ug/L
>	Sc	45	719009	614328	1385	0.2	614327.560468		ug/L
	Cr	52	3658	4325	80	1.9	0.001952	**3.0344**	ug/L
	Cr	53	21604	1727	13	0.7	-0.027236	**-384.1278**	ug/L
	Cu	65	36	15795	189	1.2	0.033415	**146.0453**	ug/L
	Cu	63	38	32246	275	0.9	0.068287	**144.6063**	ug/L
>	Ge	74	540384	471768	4274	0.9	471767.763320		ug/L
	As	75	-96	5996	54	0.9	0.012886	**105.5894**	ug/L
	As-1	75	2889	8337	13	0.2	0.012328	**103.9201**	ug/L
	Se	77	1993	169	5	2.7	-0.001563	**-343.3049**	ug/L
	Se	82	13	167	12	7.4	0.000155	**31.5524**	ug/L
	Ag	107	23	19	7	37.6	-0.000001	**0.0117**	ug/L
	Ag	109	21	17	2	8.8	-0.000001	**0.0012**	ug/L
	Cd	111	11	457	15	3.4	0.000445	**6.7112**	ug/L
	Cd	114	28	1022	8	0.8	0.000993	**6.4099**	ug/L
>	In	115	1151262	1004830	3497	0.3	1004829.981575		ug/L
	Sb	121	56	8	2	25.0	-0.000041	**-0.2247**	ug/L
>	Tm	169	804781	723729	8116	1.1	723728.753543		ug/L
	Tl	205	6	845	16	1.9	0.001160	**1.2803**	ug/L
	Pb	208	72	12035	60	0.5	0.016541	**13.6182**	ug/L
	C	13	20307	42996	254	0.6	22689.116754		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	85.441
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.302
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.281
	Sb	121	
>	Tm	169	89.929
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-MSD1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:23:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 332

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-MSD1.179
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	4	25.8	0.000002	**-0.0155**	ug/L
>	Sc	45	719009	618867	2602	0.4	618866.603402		ug/L
	Cr	52	3658	4135	238	5.8	0.001592	**2.3887**	ug/L
	Cr	53	21604	1574	77	4.9	-0.027504	**-387.8298**	ug/L
	Cu	65	36	15446	127	0.8	0.032329	**141.3032**	ug/L
	Cu	63	38	31348	154	0.5	0.065679	**139.0833**	ug/L
>	Ge	74	540384	476787	2491	0.5	476787.325387		ug/L
	As	75	-96	5990	94	1.6	0.012741	**104.3866**	ug/L
	As-1	75	2889	8355	68	0.8	0.012178	**102.6811**	ug/L
	Se	77	1993	159	18	11.2	-0.001574	**-345.8942**	ug/L
	Se	82	13	144	12	8.6	0.000130	**26.8426**	ug/L
	Ag	107	23	17	4	20.3	-0.000003	**0.0068**	ug/L
	Ag	109	21	15	6	43.3	-0.000004	**-0.0079**	ug/L
	Cd	111	11	466	16	3.4	0.000449	**6.7706**	ug/L
	Cd	114	28	1014	28	2.8	0.000973	**6.2821**	ug/L
>	In	115	1151262	1016456	1783	0.2	1016455.859339		ug/L
	Sb	121	56	12	7	58.3	-0.000037	**-0.2063**	ug/L
>	Tm	169	804781	730992	8645	1.2	730992.434873		ug/L
	Tl	205	6	870	42	4.9	0.001183	**1.3061**	ug/L
	Pb	208	72	11915	80	0.7	0.016212	**13.3469**	ug/L
	C	13	20307	45222	681	1.5	24914.556524		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.072
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	88.231
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	88.291
	Sb	121	
>	Tm	169	90.831
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246025-05RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:26:04
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 333

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246025-05RE1.180
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	7	50.0	0.000001	**-0.0309**	ug/L
>	Sc	45	719009	618792	1306	0.2	618791.577768		ug/L
	Cr	52	3658	-1254	70	5.6	-0.007114	**-13.2321**	ug/L
	Cr	53	21604	843	73	8.6	-0.028685	**-404.1746**	ug/L
	Cu	65	36	1908	72	3.7	0.003962	**17.4341**	ug/L
	Cu	63	38	3830	63	1.6	0.008017	**17.0046**	ug/L
>	Ge	74	540384	473667	1942	0.4	473667.323537		ug/L
	As	75	-96	11	4	40.7	0.000199	**0.3507**	ug/L
	As-1	75	2889	2417	79	3.3	-0.000243	**-0.1601**	ug/L
	Se	77	1993	61	6	9.1	-0.001670	**-367.0670**	ug/L
	Se	82	13	7	3	35.6	-0.000005	**0.9447**	ug/L
	Ag	107	23	17	4	20.3	-0.000003	**0.0071**	ug/L
	Ag	109	21	19	3	15.8	0.000001	**0.0062**	ug/L
	Cd	111	11	14	5	33.0	0.000004	**0.0469**	ug/L
	Cd	114	28	23	6	26.5	-0.000002	**0.0073**	ug/L
>	In	115	1151262	1010423	5710	0.6	1010422.518179		ug/L
	Sb	121	56	17	2	8.8	-0.000031	**-0.1765**	ug/L
>	Tm	169	804781	723509	2555	0.4	723508.622137		ug/L
	Tl	205	6	7	5	71.4	0.000003	**-0.0035**	ug/L
	Pb	208	72	147	20	13.7	0.000113	**0.0678**	ug/L
	C	13	20307	43742	390	0.9	23435.333833		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.062
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.654
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	87.767
	Sb	121	
>	Tm	169	89.901
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1246025-06RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:28:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 334

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1246025-06RE1.181
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	5	26.0	0.000010	**0.0893**	ug/L
>	Sc	45	719009	622940	4225	0.7	622939.877378		ug/L
	Cr	52	3658	-1177	3	0.2	-0.006977	**-12.9858**	ug/L
	Cr	53	21604	785	27	3.4	-0.028786	**-405.5782**	ug/L
	Cu	65	36	1743	49	2.8	0.003603	**15.8634**	ug/L
	Cu	63	38	3499	63	1.8	0.007298	**15.4825**	ug/L
>	Ge	74	540384	474947	2401	0.5	474947.314572		ug/L
	As	75	-96	53	37	70.5	0.000288	**1.0830**	ug/L
	As-1	75	2889	2501	34	1.4	-0.000079	**1.1988**	ug/L
	Se	77	1993	48	11	22.2	-0.001684	**-370.0053**	ug/L
	Se	82	13	16	9	57.5	0.000004	**2.6519**	ug/L
	Ag	107	23	17	6	31.8	-0.000003	**0.0069**	ug/L
	Ag	109	21	16	4	27.2	-0.000002	**-0.0035**	ug/L
	Cd	111	11	11	2	19.5	0.000001	**0.0018**	ug/L
	Cd	114	28	25	5	18.5	0.000000	**0.0216**	ug/L
>	In	115	1151262	1013902	6295	0.6	1013902.404506		ug/L
	Sb	121	56	12	1	8.3	-0.000037	**-0.2044**	ug/L
>	Tm	169	804781	723080	674	0.1	723079.553814		ug/L
	Tl	205	6	8	1	7.5	0.000004	**-0.0025**	ug/L
	Pb	208	72	145	8	5.4	0.000111	**0.0660**	ug/L
	C	13	20307	41607	287	0.7	21299.674619		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	86.639
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	87.891
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	88.069
	Sb	121	
>	Tm	169	89.848
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-01RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:30:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 335

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-01RE1.182
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	4	33.5	0.000000	**-0.0451**	ug/L
>	Sc	45	719009	599902	6191	1.0	599902.271457		ug/L
	Cr	52	3658	807	56	6.9	-0.003743	**-7.1839**	ug/L
	Cr	53	21604	764	9	1.2	-0.028774	**-405.4084**	ug/L
	Cu	65	36	380	21	5.5	0.000775	**3.5156**	ug/L
	Cu	63	38	1437	36	2.5	0.003108	**6.6113**	ug/L
>	Ge	74	540384	452398	4774	1.1	452397.660319		ug/L
	As	75	-96	714	25	3.4	0.001755	**13.2531**	ug/L
	As-1	75	2889	3175	91	2.9	0.001674	**15.7103**	ug/L
	Se	77	1993	51	5	9.1	-0.001678	**-368.6432**	ug/L
	Se	82	13	-1	10	1033.1	-0.000013	**-0.5814**	ug/L
	Ag	107	23	12	6	52.4	-0.000007	**-0.0087**	ug/L
	Ag	109	21	12	7	52.8	-0.000005	**-0.0125**	ug/L
	Cd	111	11	16	2	14.7	0.000007	**0.0916**	ug/L
	Cd	114	28	36	7	19.7	0.000014	**0.1062**	ug/L
>	In	115	1151262	951653	9891	1.0	951653.389812		ug/L
	Sb	121	56	51	6	11.6	0.000005	**0.0123**	ug/L
>	Tm	169	804781	694708	2001	0.3	694708.316235		ug/L
	Tl	205	6	8	2	27.2	0.000004	**-0.0020**	ug/L
	Pb	208	72	547	33	6.1	0.000697	**0.5497**	ug/L
	C	13	20307	20963	216	1.0	655.820729		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	83.435
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	83.718
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	82.662
	Sb	121	
>	Tm	169	86.323
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-DUP2
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:32:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 336

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-DUP2.183
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	19	3	17.2	0.000011	**0.1006**	ug/L
>	Sc	45	719009	585414	5738	1.0	585413.812527		ug/L
	Cr	52	3658	531	100	18.9	-0.004182	**-7.9712**	ug/L
	Cr	53	21604	710	7	1.0	-0.028834	**-406.2450**	ug/L
	Cu	65	36	306	23	7.4	0.000626	**2.8655**	ug/L
	Cu	63	38	1268	28	2.2	0.002800	**5.9597**	ug/L
>	Ge	74	540384	441693	2796	0.6	441692.524623		ug/L
	As	75	-96	396	56	14.1	0.001075	**7.6120**	ug/L
	As-1	75	2889	2792	11	0.4	0.000976	**9.9355**	ug/L
	Se	77	1993	53	10	18.2	-0.001674	**-367.8987**	ug/L
	Se	82	13	7	8	101.0	-0.000004	**1.1385**	ug/L
	Ag	107	23	16	2	9.8	-0.000003	**0.0059**	ug/L
	Ag	109	21	15	3	20.8	-0.000003	**-0.0039**	ug/L
	Cd	111	11	11	3	23.6	0.000002	**0.0148**	ug/L
	Cd	114	28	29	9	30.5	0.000006	**0.0598**	ug/L
>	In	115	1151262	934980	12430	1.3	934979.600741		ug/L
	Sb	121	56	47	9	19.6	0.000002	**-0.0019**	ug/L
>	Tm	169	804781	678765	12780	1.9	678764.781656		ug/L
	Tl	205	6	9	2	22.2	0.000006	**0.0004**	ug/L
	Pb	208	72	381	16	4.1	0.000471	**0.3631**	ug/L
	C	13	20307	19834	81	0.4	-473.376835		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	81.420
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	81.737
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.213
	Sb	121	
>	Tm	169	84.342
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-MS2
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:35:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 337

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-MS2.184
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	3	23.1	0.000001	**-0.0323**	ug/L
>	Sc	45	719009	577215	3888	0.7	577214.712119		ug/L
	Cr	52	3658	5783	203	3.5	0.004930	**8.3771**	ug/L
	Cr	53	21604	1247	31	2.5	-0.027886	**-393.1219**	ug/L
	Cu	65	36	12840	53	0.4	0.029166	**127.4892**	ug/L
	Cu	63	38	27118	206	0.8	0.061668	**130.5930**	ug/L
>	Ge	74	540384	439244	988	0.2	439243.824267		ug/L
	As	75	-96	6167	112	1.8	0.014216	**116.6192**	ug/L
	As-1	75	2889	8476	140	1.7	0.013952	**117.3658**	ug/L
	Se	77	1993	154	17	11.2	-0.001566	**-344.0650**	ug/L
	Se	82	13	146	17	11.7	0.000144	**29.4385**	ug/L
	Ag	107	23	13	3	18.9	-0.000005	**-0.0023**	ug/L
	Ag	109	21	12	4	33.8	-0.000005	**-0.0120**	ug/L
	Cd	111	11	423	23	5.5	0.000442	**6.6669**	ug/L
	Cd	114	28	1011	52	5.1	0.001055	**6.8107**	ug/L
>	In	115	1151262	936772	1646	0.2	936772.007199		ug/L
	Sb	121	56	52	3	6.1	0.000007	**0.0259**	ug/L
>	Tm	169	804781	683793	4630	0.7	683793.470907		ug/L
	Tl	205	6	810	36	4.4	0.001177	**1.2992**	ug/L
	Pb	208	72	11718	93	0.8	0.017049	**14.0373**	ug/L
	C	13	20307	19774	122	0.6	-532.839188		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	80.279
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	81.284
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.369
	Sb	121	
>	Tm	169	84.966
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122316-MSD2
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:37:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 338

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\B122119-MSD2.185
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	13	6	41.3	0.000002	**-0.0238**	ug/L
>	Sc	45	719009	576300	5022	0.9	576299.644805		ug/L
	Cr	52	3658	5708	82	1.4	0.004815	**8.1716**	ug/L
	Cr	53	21604	1175	26	2.3	-0.028008	**-394.8036**	ug/L
	Cu	65	36	12760	127	1.0	0.029123	**127.3018**	ug/L
	Cu	63	38	26828	220	0.8	0.061299	**129.8116**	ug/L
>	Ge	74	540384	437169	4979	1.1	437169.134521		ug/L
	As	75	-96	6115	50	0.8	0.014167	**116.2177**	ug/L
	As-1	75	2889	8401	56	0.7	0.013873	**116.7165**	ug/L
	Se	77	1993	144	6	3.9	-0.001578	**-346.7473**	ug/L
	Se	82	13	145	13	8.9	0.000142	**29.0833**	ug/L
	Ag	107	23	15	1	6.7	-0.000004	**0.0031**	ug/L
	Ag	109	21	14	2	15.2	-0.000004	**-0.0078**	ug/L
	Cd	111	11	427	21	5.0	0.000443	**6.6790**	ug/L
	Cd	114	28	977	20	2.0	0.001011	**6.5247**	ug/L
>	In	115	1151262	943883	2572	0.3	943883.329229		ug/L
	Sb	121	56	56	4	6.4	0.000011	**0.0440**	ug/L
>	Tm	169	804781	685996	1491	0.2	685995.837656		ug/L
	Tl	205	6	809	24	2.9	0.001172	**1.2934**	ug/L
	Pb	208	72	11851	80	0.7	0.017186	**14.1509**	ug/L
	C	13	20307	19944	79	0.4	-363.136061		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	80.152
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	80.900
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.987
	Sb	121	
>	Tm	169	85.240
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVD
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 20:39:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCVD.186
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	987	32	3.2	0.001694	**2.4100**	ug/L
>	Sc	45	719009	575576	9109	1.6	575575.805827		ug/L
|	Cr	52	3658	88625	1246	1.4	0.148894	**26.6666**	ug/L
⌊	Cr	53	21604	20249	515	2.5	0.005147	**6.4114**	ug/L
⌈	Cu	65	36	10729	76	0.7	0.023858	**10.4312**	ug/L
|	Cu	63	38	22140	349	1.6	0.049296	**10.4400**	ug/L
>	Ge	74	540384	448472	3733	0.8	448472.189863		ug/L
|	As	75	-96	6031	133	2.2	0.013625	**11.1715**	ug/L
⌊	As-1	75	2889	8102	19	0.2	0.012721	**10.7177**	ug/L
⌈	Se	77	1993	1877	21	1.1	0.000210	**4.7425**	ug/L
|	Se	82	13	1023	78	7.7	0.001046	**20.2426**	ug/L
|	Ag	107	23	6288	55	0.9	0.006482	**2.0884**	ug/L
|	Ag	109	21	6192	69	1.1	0.006384	**2.0688**	ug/L
|	Cd	111	11	709	15	2.2	0.000724	**1.0919**	ug/L
|	Cd	114	28	1591	46	2.9	0.001621	**1.0455**	ug/L
>	In	115	1151262	967114	3735	0.4	967114.430343		ug/L
⌊	Sb	121	56	4596	185	4.0	0.004704	**2.4593**	ug/L
>	Tm	169	804781	707339	3362	0.5	707339.328272		ug/L
|	Tl	205	6	3259	73	2.2	0.004600	**0.5095**	ug/L
⌊	Pb	208	72	44006	341	0.8	0.062124	**5.1218**	ug/L
	C	13	20307	15322	397	2.6	-4985.082221		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	80.051
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	82.991
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.005
	Sb	121	
>	Tm	169	87.892
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBD
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 20:41:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCBD.187
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
[	Be	9	15	14	6	42.9	0.000003	**-0.0004**	ug/L
>	Sc	45	719009	572702	3942	0.7	572701.617725		ug/L
	Cr	52	3658	1349	69	5.1	-0.002733	**-0.5371**	ug/L
]	Cr	53	21604	6792	304	4.5	-0.018189	**-25.8893**	ug/L
[	Cu	65	36	27	5	18.9	-0.000006	**0.0104**	ug/L
	Cu	63	38	43	2	3.6	0.000025	**0.0085**	ug/L
>	Ge	74	540384	447453	6512	1.5	447453.422558		ug/L
	As	75	-96	-146	83	57.1	-0.000148	**-0.2531**	ug/L
]	As-1	75	2889	2212	105	4.8	-0.000399	**-0.1455**	ug/L
[	Se	77	1993	612	29	4.7	-0.001101	**-24.1675**	ug/L
	Se	82	13	2	3	118.3	-0.000009	**0.0017**	ug/L
	Ag	107	23	28	6	22.4	0.000009	**0.0046**	ug/L
	Ag	109	21	30	9	31.2	0.000013	**0.0046**	ug/L
	Cd	111	11	7	2	22.9	-0.000003	**-0.0054**	ug/L
	Cd	114	28	21	12	56.6	-0.000003	**0.0000**	ug/L
>	In	115	1151262	972770	13502	1.4	972770.432368		ug/L
]	Sb	121	56	170	17	10.3	0.000126	**0.0649**	ug/L
[>	Tm	169	804781	702629	11700	1.7	702629.028072		ug/L
	Tl	205	6	4	1	25.0	-0.000001	**-0.0008**	ug/L
]	Pb	208	72	69	3	4.4	0.000008	**-0.0019**	ug/L
	C	13	20307	14874	44	0.3	-5432.830615		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
[	Be	9	
>	Sc	45	79.652
	Cr	52	
]	Cr	53	
[	Cu	65	
	Cu	63	
>	Ge	74	82.803
	As	75	
]	As-1	75	
[	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.496
	Sb	121	
>	Tm	169	87.307
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-02RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:44:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 339

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-02RE1.188
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	4	29.1	0.000005	**0.0173**	ug/L
>	Sc	45	719009	576981	1275	0.2	576980.755076		ug/L
	Cr	52	3658	591	45	7.5	-0.004063	**-7.7577**	ug/L
	Cr	53	21604	1847	167	9.0	-0.026846	**-378.7292**	ug/L
	Cu	65	36	795	11	1.4	0.001707	**7.5845**	ug/L
	Cu	63	38	1820	19	1.0	0.003988	**8.4752**	ug/L
>	Ge	74	540384	448492	1026	0.2	448492.377791		ug/L
	As	75	-96	668	20	2.9	0.001667	**12.5221**	ug/L
	As-1	75	2889	3092	98	3.2	0.001547	**14.6635**	ug/L
	Se	77	1993	70	12	17.1	-0.001659	**-364.5654**	ug/L
	Se	82	13	7	5	78.1	-0.000005	**0.9347**	ug/L
	Ag	107	23	36	7	18.3	0.000018	**0.0718**	ug/L
	Ag	109	21	34	1	1.7	0.000017	**0.0593**	ug/L
	Cd	111	11	18	5	24.6	0.000009	**0.1266**	ug/L
	Cd	114	28	54	7	13.5	0.000030	**0.2138**	ug/L
>	In	115	1151262	976359	4691	0.5	976359.275565		ug/L
	Sb	121	56	32	6	20.3	-0.000016	**-0.0968**	ug/L
>	Tm	169	804781	708285	4828	0.7	708285.283983		ug/L
	Tl	205	6	11	3	22.2	0.000009	**0.0035**	ug/L
	Pb	208	72	975	16	1.6	0.001287	**1.0357**	ug/L
	C	13	20307	21862	244	1.1	1554.935207		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	80.247
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	82.995
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.808
	Sb	121	
>	Tm	169	88.010
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-03RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:46:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 340

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-03RE1.189
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	3	23.5	0.000003	**-0.0137**	ug/L
>	Sc	45	719009	573708	3134	0.5	573708.002438		ug/L
	Cr	52	3658	569	105	18.5	-0.004096	**-7.8174**	ug/L
	Cr	53	21604	1338	75	5.6	-0.027716	**-390.7646**	ug/L
	Cu	65	36	752	9	1.2	0.001650	**7.3383**	ug/L
	Cu	63	38	2198	12	0.5	0.004943	**10.4962**	ug/L
>	Ge	74	540384	438391	2110	0.5	438390.532437		ug/L
	As	75	-96	728	41	5.6	0.001839	**13.9499**	ug/L
	As-1	75	2889	3072	103	3.3	0.001662	**15.6127**	ug/L
	Se	77	1993	56	14	24.1	-0.001671	**-367.2547**	ug/L
	Se	82	13	4	8	198.3	-0.000007	**0.4306**	ug/L
	Ag	107	23	17	6	33.8	-0.000001	**0.0108**	ug/L
	Ag	109	21	17	5	28.4	-0.000001	**0.0024**	ug/L
	Cd	111	11	19	5	24.2	0.000010	**0.1403**	ug/L
	Cd	114	28	44	3	7.0	0.000022	**0.1599**	ug/L
>	In	115	1151262	946920	5214	0.6	946919.717917		ug/L
	Sb	121	56	57	6	10.5	0.000012	**0.0505**	ug/L
>	Tm	169	804781	694156	6088	0.9	694156.189672		ug/L
	Tl	205	6	14	7	52.9	0.000013	**0.0076**	ug/L
	Pb	208	72	4813	110	2.3	0.006844	**5.6200**	ug/L
	C	13	20307	21085	141	0.7	778.102060		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	79.792
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	81.126
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	82.251
	Sb	121	
>	Tm	169	86.254
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-04RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:48:35
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 341

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-04RE1.190
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	5	28.6	0.000007	**0.0491**	ug/L
>	Sc	45	719009	566407	2004	0.4	566407.341855		ug/L
	Cr	52	3658	488	45	9.2	-0.004227	**-8.0517**	ug/L
	Cr	53	21604	1060	72	6.7	-0.028176	**-397.1256**	ug/L
	Cu	65	36	545	6	1.1	0.001185	**5.3083**	ug/L
	Cu	63	38	1744	36	2.1	0.003937	**8.3676**	ug/L
>	Ge	74	540384	435262	2488	0.6	435261.838085		ug/L
	As	75	-96	528	25	4.8	0.001389	**10.2173**	ug/L
	As-1	75	2889	2819	36	1.3	0.001130	**11.2093**	ug/L
	Se	77	1993	60	2	3.5	-0.001667	**-366.2819**	ug/L
	Se	82	13	19	4	21.9	0.000009	**3.4918**	ug/L
	Ag	107	23	12	4	30.0	-0.000007	**-0.0071**	ug/L
	Ag	109	21	14	2	11.2	-0.000004	**-0.0077**	ug/L
	Cd	111	11	18	2	8.3	0.000010	**0.1363**	ug/L
	Cd	114	28	50	4	8.1	0.000028	**0.1978**	ug/L
>	In	115	1151262	943561	4412	0.5	943561.415757		ug/L
	Sb	121	56	40	6	15.6	-0.000006	**-0.0445**	ug/L
>	Tm	169	804781	689775	1166	0.2	689774.987729		ug/L
	Tl	205	6	4	3	75.0	-0.000001	**-0.0078**	ug/L
	Pb	208	72	353	12	3.3	0.000422	**0.3228**	ug/L
	C	13	20307	20100	67	0.3	-206.792363		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	78.776
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	80.547
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.959
	Sb	121	
>	Tm	169	85.710
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-05RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:50:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 342

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-05RE1.191
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	17	7	40.8	0.000009	**0.0770**	ug/L
>	Sc	45	719009	562591	2603	0.5	562591.058911		ug/L
	Cr	52	3658	447	87	19.4	-0.004293	**-8.1700**	ug/L
	Cr	53	21604	913	53	5.8	-0.028424	**-400.5599**	ug/L
	Cu	65	36	497	16	3.1	0.001086	**4.8759**	ug/L
	Cu	63	38	1704	4	0.3	0.003881	**8.2485**	ug/L
>	Ge	74	540384	431291	743	0.2	431291.296919		ug/L
	As	75	-96	585	28	4.7	0.001534	**11.4250**	ug/L
	As-1	75	2889	2896	87	3.0	0.001369	**13.1840**	ug/L
	Se	77	1993	58	5	8.9	-0.001669	**-366.8574**	ug/L
	Se	82	13	13	10	77.6	0.000002	**2.2740**	ug/L
	Ag	107	23	12	4	32.5	-0.000007	**-0.0082**	ug/L
	Ag	109	21	12	3	20.4	-0.000005	**-0.0122**	ug/L
	Cd	111	11	19	2	10.5	0.000010	**0.1478**	ug/L
	Cd	114	28	42	4	9.6	0.000020	**0.1460**	ug/L
>	In	115	1151262	940534	3457	0.4	940534.290405		ug/L
	Sb	121	56	45	2	4.7	-0.000001	**-0.0179**	ug/L
>	Tm	169	804781	696218	10950	1.6	696217.604614		ug/L
	Tl	205	6	4	1	25.0	-0.000001	**-0.0079**	ug/L
	Pb	208	72	459	11	2.4	0.000570	**0.4444**	ug/L
	C	13	20307	20446	118	0.6	138.977775		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	78.245
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	79.812
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.696
	Sb	121	
>	Tm	169	86.510
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-06RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:53:04
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 343

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-06RE1.192
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	3	21.3	0.000004	**0.0105**	ug/L
>	Sc	45	719009	561075	3046	0.5	561074.948683		ug/L
	Cr	52	3658	687	46	6.6	-0.003864	**-7.3999**	ug/L
	Cr	53	21604	807	49	6.0	-0.028609	**-403.1249**	ug/L
	Cu	65	36	258	25	9.5	0.000533	**2.4601**	ug/L
	Cu	63	38	1235	36	3.0	0.002797	**5.9528**	ug/L
>	Ge	74	540384	430765	3899	0.9	430765.388694		ug/L
	As	75	-96	372	22	5.8	0.001041	**7.3303**	ug/L
	As-1	75	2889	2663	45	1.7	0.000837	**8.7850**	ug/L
	Se	77	1993	48	5	9.5	-0.001680	**-369.1134**	ug/L
	Se	82	13	4	6	128.4	-0.000007	**0.5099**	ug/L
	Ag	107	23	19	2	10.8	0.000001	**0.0182**	ug/L
	Ag	109	21	15	5	31.5	-0.000003	**-0.0041**	ug/L
	Cd	111	11	16	5	32.1	0.000007	**0.0944**	ug/L
	Cd	114	28	28	5	16.4	0.000006	**0.0542**	ug/L
>	In	115	1151262	939485	5098	0.5	939485.115687		ug/L
	Sb	121	56	40	4	10.9	-0.000006	**-0.0435**	ug/L
>	Tm	169	804781	690089	3981	0.6	690089.362372		ug/L
	Tl	205	6	3	1	34.6	-0.000002	**-0.0089**	ug/L
	Pb	208	72	953	23	2.4	0.001292	**1.0398**	ug/L
	C	13	20307	17447	272	1.6	-2859.593007		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	78.035
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	79.715
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.605
	Sb	121	
>	Tm	169	85.749
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-07RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:55:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 344

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-07RE1.193
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	16	5	28.6	0.000007	**0.0529**	ug/L
>	Sc	45	719009	561032	3651	0.7	561031.523312		ug/L
	Cr	52	3658	693	44	6.3	-0.003853	**-7.3810**	ug/L
	Cr	53	21604	742	36	4.9	-0.028724	**-404.7219**	ug/L
	Cu	65	36	550	6	1.0	0.001212	**5.4246**	ug/L
	Cu	63	38	1868	36	1.9	0.004272	**9.0757**	ug/L
>	Ge	74	540384	430104	974	0.2	430103.648189		ug/L
	As	75	-96	562	45	8.0	0.001484	**11.0098**	ug/L
	As-1	75	2889	2819	52	1.8	0.001209	**11.8631**	ug/L
	Se	77	1993	44	11	25.6	-0.001684	**-370.0631**	ug/L
	Se	82	13	11	3	27.0	0.000001	**1.9410**	ug/L
	Ag	107	23	11	3	24.1	-0.000008	**-0.0105**	ug/L
	Ag	109	21	13	3	21.7	-0.000004	**-0.0088**	ug/L
	Cd	111	11	26	4	13.9	0.000018	**0.2601**	ug/L
	Cd	114	28	59	5	8.2	0.000038	**0.2623**	ug/L
>	In	115	1151262	940992	9474	1.0	940992.371670		ug/L
	Sb	121	56	58	7	12.6	0.000013	**0.0580**	ug/L
>	Tm	169	804781	693720	2695	0.4	693719.709756		ug/L
	Tl	205	6	9	5	48.3	0.000006	**0.0007**	ug/L
	Pb	208	72	6642	120	1.8	0.009485	**7.7986**	ug/L
	C	13	20307	18782	99	0.5	-1525.273897		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	78.028
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	79.592
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.736
	Sb	121	
>	Tm	169	86.200
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-08RE1
Sample Description: 10x
Batch ID: B122316

Sample Date/Time: Saturday, December 08, 2012 20:57:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 345

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\1245005-08RE1.194
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	9	3	29.0	-0.000006	**-0.1322**	ug/L
>	Sc	45	719009	557558	6188	1.1	557558.493621		ug/L
	Cr	52	3658	185	45	24.3	-0.004755	**-8.9995**	ug/L
	Cr	53	21604	686	38	5.6	-0.028818	**-406.0195**	ug/L
	Cu	65	36	1303	14	1.0	0.002966	**13.0823**	ug/L
	Cu	63	38	3358	41	1.2	0.007741	**16.4201**	ug/L
>	Ge	74	540384	429930	2610	0.6	429929.564020		ug/L
	As	75	-96	1115	25	2.2	0.002770	**21.6719**	ug/L
	As-1	75	2889	3404	16	0.5	0.002572	**23.1500**	ug/L
	Se	77	1993	48	4	8.5	-0.001680	**-369.1314**	ug/L
	Se	82	13	14	10	69.8	0.000004	**2.5518**	ug/L
	Ag	107	23	23	3	11.1	0.000005	**0.0300**	ug/L
	Ag	109	21	22	4	18.6	0.000006	**0.0228**	ug/L
	Cd	111	11	28	10	36.2	0.000020	**0.2948**	ug/L
	Cd	114	28	67	17	25.4	0.000047	**0.3205**	ug/L
>	In	115	1151262	934272	5196	0.6	934271.720637		ug/L
	Sb	121	56	64	9	13.6	0.000020	**0.0922**	ug/L
>	Tm	169	804781	686863	5333	0.8	686862.617785		ug/L
	Tl	205	6	27	4	15.2	0.000032	**0.0289**	ug/L
	Pb	208	72	2350	5	0.2	0.003332	**2.7226**	ug/L
	C	13	20307	23409	35	0.1	3102.111548		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	77.545
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	79.560
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	81.152
	Sb	121	
>	Tm	169	85.348
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVE
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 20:59:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCVE.195
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	Be	9	15	931	32	3.4	0.001622	**2.3063**	ug/L
>	Sc	45	719009	566410	5672	1.0	566410.469878		ug/L
|	Cr	52	3658	86365	111	0.1	0.147398	**26.3981**	ug/L
⌊	Cr	53	21604	20048	559	2.8	0.005354	**6.6983**	ug/L
⌈	Cu	65	36	10595	17	0.2	0.023892	**10.4459**	ug/L
|	Cu	63	38	21837	72	0.3	0.049308	**10.4424**	ug/L
>	Ge	74	540384	442240	1861	0.4	442240.054994		ug/L
|	As	75	-96	5849	128	2.2	0.013402	**10.9869**	ug/L
⌊	As-1	75	2889	7937	220	2.8	0.012602	**10.6192**	ug/L
⌈	Se	77	1993	1949	63	3.2	0.000275	**6.1613**	ug/L
|	Se	82	13	1010	31	3.0	0.001028	**19.8843**	ug/L
|	Ag	107	23	6286	114	1.8	0.006449	**2.0777**	ug/L
|	Ag	109	21	6017	68	1.1	0.006173	**2.0004**	ug/L
|	Cd	111	11	722	22	3.0	0.000733	**1.1062**	ug/L
|	Cd	114	28	1634	74	4.5	0.001657	**1.0686**	ug/L
>	In	115	1151262	971919	11782	1.2	971918.798177		ug/L
⌊	Sb	121	56	4357	150	3.4	0.004434	**2.3185**	ug/L
>	Tm	169	804781	712056	6995	1.0	712055.946487		ug/L
|	Tl	205	6	3387	80	2.4	0.004750	**0.5262**	ug/L
⌊	Pb	208	72	44158	147	0.3	0.061930	**5.1058**	ug/L
	C	13	20307	14576	145	1.0	-5730.645053		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	Be	9	
>	Sc	45	78.777
|	Cr	52	
⌊	Cr	53	
⌈	Cu	65	
|	Cu	63	
>	Ge	74	81.838
|	As	75	
⌊	As-1	75	
⌈	Se	77	
|	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	84.422
	Sb	121	
>	Tm	169	88.478
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBE
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 21:02:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-CCBE.196
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	14	1	4.0	0.000004	**0.0010**	ug/L
>	Sc	45	719009	561741	269	0.0	561741.293566		ug/L
	Cr	52	3658	1329	83	6.3	-0.002723	**-0.5353**	ug/L
	Cr	53	21604	6484	181	2.8	-0.018504	**-26.3254**	ug/L
	Cu	65	36	26	4	15.8	-0.000006	**0.0106**	ug/L
	Cu	63	38	51	3	6.0	0.000046	**0.0130**	ug/L
>	Ge	74	540384	439697	3114	0.7	439697.272516		ug/L
	As	75	-96	-4	175	3930.4	0.000165	**0.0064**	ug/L
	As-1	75	2889	2358	162	6.9	0.000015	**0.1974**	ug/L
	Se	77	1993	583	34	5.8	-0.001122	**-24.6215**	ug/L
	Se	82	13	3	12	364.5	-0.000008	**0.0289**	ug/L
	Ag	107	23	23	9	37.5	0.000004	**0.0028**	ug/L
	Ag	109	21	34	13	39.6	0.000017	**0.0059**	ug/L
	Cd	111	11	6	1	20.4	-0.000004	**-0.0068**	ug/L
	Cd	114	28	19	4	22.0	-0.000004	**-0.0010**	ug/L
>	In	115	1151262	957532	8315	0.9	957531.646713		ug/L
	Sb	121	56	93	1	1.2	0.000048	**0.0240**	ug/L
>	Tm	169	804781	698014	4375	0.6	698013.843459		ug/L
	Tl	205	6	3	2	57.3	-0.000003	**-0.0010**	ug/L
	Pb	208	72	63	4	6.0	0.000000	**-0.0025**	ug/L
	C	13	20307	14415	198	1.4	-5891.567358		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	78.127
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	81.368
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	83.172
	Sb	121	
>	Tm	169	86.733
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 21:04:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\rinse.197
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	10	2	14.8	-0.000003	**-0.0093**	ug/L
>	Sc	45	719009	565597	2719	0.5	565596.572338		ug/L
	Cr	52	3658	1269	40	3.2	-0.002845	**-0.5572**	ug/L
	Cr	53	21604	5046	194	3.9	-0.021126	**-29.9548**	ug/L
	Cu	65	36	27	4	13.4	-0.000005	**0.0110**	ug/L
	Cu	63	38	47	6	12.0	0.000036	**0.0109**	ug/L
>	Ge	74	540384	444221	3060	0.7	444221.438232		ug/L
	As	75	-96	-23	35	155.5	0.000125	**-0.0263**	ug/L
	As-1	75	2889	2254	31	1.4	-0.000272	**-0.0401**	ug/L
	Se	77	1993	403	7	1.7	-0.001313	**-28.8222**	ug/L
	Se	82	13	4	2	52.5	-0.000008	**0.0357**	ug/L
	Ag	107	23	17	5	29.0	-0.000002	**0.0010**	ug/L
	Ag	109	21	18	4	20.7	0.000001	**0.0007**	ug/L
	Cd	111	11	9	2	16.4	-0.000000	**-0.0011**	ug/L
	Cd	114	28	23	3	11.1	-0.000001	**0.0010**	ug/L
>	In	115	1151262	963072	890	0.1	963072.118176		ug/L
	Sb	121	56	46	3	5.8	-0.000001	**-0.0016**	ug/L
>	Tm	169	804781	695899	6338	0.9	695898.926896		ug/L
	Tl	205	6	4	3	78.7	-0.000002	**-0.0008**	ug/L
	Pb	208	72	81	7	8.3	0.000026	**-0.0004**	ug/L
	C	13	20307	14508	71	0.5	-5799.088327		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	78.663
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	82.205
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	83.654
	Sb	121	
>	Tm	169	86.471
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 21:06:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\rinse.198
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	11	2	18.2	-0.000002	**-0.0077**	ug/L
>	Sc	45	719009	568130	2170	0.4	568130.385183		ug/L
	Cr	52	3658	1187	48	4.0	-0.002998	**-0.5847**	ug/L
	Cr	53	21604	5035	184	3.7	-0.021185	**-30.0369**	ug/L
	Cu	65	36	26	1	2.2	-0.000007	**0.0103**	ug/L
	Cu	63	38	43	4	8.4	0.000027	**0.0088**	ug/L
>	Ge	74	540384	443436	3234	0.7	443435.813832		ug/L
	As	75	-96	-126	48	37.9	-0.000108	**-0.2197**	ug/L
	As-1	75	2889	2206	109	4.9	-0.000369	**-0.1202**	ug/L
	Se	77	1993	433	15	3.4	-0.001279	**-28.0782**	ug/L
	Se	82	13	-1	2	431.3	-0.000012	**-0.0504**	ug/L
	Ag	107	23	12	2	16.9	-0.000007	**-0.0007**	ug/L
	Ag	109	21	13	4	33.5	-0.000005	**-0.0011**	ug/L
	Cd	111	11	10	3	26.0	0.000000	**-0.0005**	ug/L
	Cd	114	28	18	3	14.9	-0.000005	**-0.0017**	ug/L
>	In	115	1151262	959018	2243	0.2	959017.709957		ug/L
	Sb	121	56	40	3	7.2	-0.000007	**-0.0046**	ug/L
>	Tm	169	804781	697751	3259	0.5	697750.811200		ug/L
	Tl	205	6	3	1	43.3	-0.000003	**-0.0010**	ug/L
	Pb	208	72	61	3	4.7	-0.000002	**-0.0027**	ug/L
	C	13	20307	14584	276	1.9	-5722.964073		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	79.016
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	82.059
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	83.301
	Sb	121	
>	Tm	169	86.701
	Tl	205	
	Pb	208	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 08, 2012 21:08:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200911.sam
Method File: C:\Elandata\Method\2012\12-12\1200911-0060-icpms2-tmu.mth
Dataset File: C:\Elandata\Dataset\Data\2012\12-12\1200911\rinse.199
Calibration File: C:\Elandata\System\2012\12-12\1200911.cal
Blank File: C:\Elandata\Dataset\Data\2012\12-12\1200911\SEQ-ICB1.025

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Be	9	15	15	3	16.4	0.000006	**0.0030**	ug/L
>	Sc	45	719009	569421	2661	0.5	569420.548208		ug/L
	Cr	52	3658	1225	5	0.4	-0.002937	**-0.5737**	ug/L
	Cr	53	21604	5133	202	3.9	-0.021032	**-29.8252**	ug/L
	Cu	65	36	26	4	13.7	-0.000008	**0.0096**	ug/L
	Cu	63	38	44	4	8.2	0.000029	**0.0092**	ug/L
>	Ge	74	540384	444596	2900	0.7	444596.418984		ug/L
	As	75	-96	5	38	695.5	0.000189	**0.0267**	ug/L
	As-1	75	2889	2347	92	3.9	-0.000066	**0.1304**	ug/L
	Se	77	1993	407	16	3.9	-0.001308	**-28.7158**	ug/L
	Se	82	13	-3	3	104.7	-0.000015	**-0.0975**	ug/L
	Ag	107	23	10	2	14.8	-0.000009	**-0.0013**	ug/L
	Ag	109	21	10	4	36.1	-0.000008	**-0.0021**	ug/L
	Cd	111	11	5	3	52.9	-0.000005	**-0.0079**	ug/L
	Cd	114	28	30	2	6.2	0.000006	**0.0057**	ug/L
>	In	115	1151262	961624	6704	0.7	961623.528807		ug/L
	Sb	121	56	42	5	10.9	-0.000005	**-0.0038**	ug/L
>	Tm	169	804781	702077	1334	0.2	702076.611114		ug/L
	Tl	205	6	5	3	65.5	-0.000000	**-0.0007**	ug/L
	Pb	208	72	63	7	11.2	-0.000000	**-0.0026**	ug/L
	C	13	20307	14650	164	1.1	-5657.193587		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Be	9	
>	Sc	45	79.195
	Cr	52	
	Cr	53	
	Cu	65	
	Cu	63	
>	Ge	74	82.274
	As	75	
	As-1	75	
	Se	77	
	Se	82	

	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	83.528
	Sb	121	
>	Tm	169	87.238
	Tl	205	
	Pb	208	
	C	13	

ANALYSIS SEQUENCE

1200959

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200959-ICB1	1200959	QC	1		-			
1200959-CAL1	1200959	QC	2	1227100	-			
1200959-CAL2	1200959	QC	3	1227099	-			
1200959-CAL3	1200959	QC	4	1227098	-			
1200959-CAL4	1200959	QC	5	1227097	-			
1200959-CAL5	1200959	QC	6	1227096	-			
1200959-CAL6	1200959	QC	7	1227095	-			
1200959-CAL7	1200959	QC	8	1227094	-			
1200959-ICB2	1200959	QC	9		-			
1200959-ICV1	1200959	QC	10	1245089	-			
1200959-ICV2	1200959	QC	11	1245090	-			
1200959-ICB3	1200959	QC	12		-			
1200959-IBL1	1200959	QC	13		-			
1200959-IBL2	1200959	QC	14		-			
1200959-IBL3	1200959	QC	15		-			
1200959-IBL4	1200959	QC	16		-			
1200959-SCV1	1200959	QC	17	1245085	-			
1200959-SCV2	1200959	QC	18	1245086	-			
1200959-CCV1	1200959	QC	19	1227097	-			
1200959-CCB1	1200959	QC	20		-			
1200959-CCV2	1200959	QC	21	1227097	-			
1200959-CCB2	1200959	QC	22		-			
1200959-CCV3	1200959	QC	23	1227097	-			
1200959-CCB3	1200959	QC	24		-			
B122257-BLK1	B122257	QC	25		-			
B122257-BLK2	B122257	QC	26		-			

ANALYSIS SEQUENCE

1200959

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B122257-BLK3	B122257	QC	27		-			
B122257-BLK4	B122257	QC	28		-			
B122257-BS1	B122257	QC	29		-			
B122257-SRM1	B122257	QC	30		-			
B122257-SRM2	B122257	QC	31		-			
1248018-03	B122257	Zn-W-ChelCol-ICPMS-TR	32			ORN-OR1203	12/19/2012	
1248018-03	B122257	V-W-ChelCol-ICPMS-TR	33			ORN-OR1203	12/19/2012	
1248018-03	B122257	Pb-W-ChelCol-ICPMS-TR	34			ORN-OR1203	12/19/2012	
1248018-03	B122257	Ni-W-ChelCol-ICPMS-TR	35			ORN-OR1203	12/19/2012	
1248018-03	B122257	Fe-W-ChelCol-ICPMS-TR	36			ORN-OR1203	12/19/2012	
1248018-03	B122257	Cu-W-ChelCol-ICPMS-TR	37			ORN-OR1203	12/19/2012	
1248018-03	B122257	Co-W-ChelCol-ICPMS-TR	38			ORN-OR1203	12/19/2012	
1248018-03	B122257	Cd-W-ChelCol-ICPMS-TR	39			ORN-OR1203	12/19/2012	
1248018-04	B122257	Zn-W-ChelCol-ICPMS-Diss	40			ORN-OR1203	12/19/2012	
1248018-04	B122257	V-W-ChelCol-ICPMS-Diss	41			ORN-OR1203	12/19/2012	
1248018-04	B122257	Pb-W-ChelCol-ICPMS-Diss	42			ORN-OR1203	12/19/2012	
1248018-04	B122257	Ni-W-ChelCol-ICPMS-Diss	43			ORN-OR1203	12/19/2012	
1248018-04	B122257	Fe-W-ChelCol-ICPMS-Diss	44			ORN-OR1203	12/19/2012	
1248018-04	B122257	Cu-W-ChelCol-ICPMS-Diss	45			ORN-OR1203	12/19/2012	
1248018-04	B122257	Co-W-ChelCol-ICPMS-Diss	46			ORN-OR1203	12/19/2012	
1248018-04	B122257	Cd-W-ChelCol-ICPMS-Diss	47			ORN-OR1203	12/19/2012	
1248018-01	B122257	Zn-W-ChelCol-ICPMS-TR	48			ORN-OR1203	12/19/2012	
1248018-01	B122257	Zn-W-ChelCol-ICPMS-Diss	49			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	V-W-ChelCol-ICPMS-TR	50			ORN-OR1203	12/19/2012	
1248018-01	B122257	V-W-ChelCol-ICPMS-Diss	51			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	Pb-W-ChelCol-ICPMS-TR	52			ORN-OR1203	12/19/2012	

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-01	B122257	Pb-W-ChelCol-ICPMS-Diss	53			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	Ni-W-ChelCol-ICPMS-TR	54			ORN-OR1203	12/19/2012	
1248018-01	B122257	Ni-W-ChelCol-ICPMS-Diss	55			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	Fe-W-ChelCol-ICPMS-TR	56			ORN-OR1203	12/19/2012	
1248018-01	B122257	Fe-W-ChelCol-ICPMS-Diss	57			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	Cu-W-ChelCol-ICPMS-TR	58			ORN-OR1203	12/19/2012	
1248018-01	B122257	Cu-W-ChelCol-ICPMS-Diss	59			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	Co-W-ChelCol-ICPMS-TR	60			ORN-OR1203	12/19/2012	
1248018-01	B122257	Co-W-ChelCol-ICPMS-Diss	61			ORN-OR1203	1/1/1980	BatchQC
1248018-01	B122257	Cd-W-ChelCol-ICPMS-TR	62			ORN-OR1203	12/19/2012	
1248018-01	B122257	Cd-W-ChelCol-ICPMS-Diss	63			ORN-OR1203	1/1/1980	BatchQC
B122257-DUP1	B122257	QC	64		1248018-01			
B122257-MS1	B122257	QC	65		1248018-01			
1200959-CCV4	1200959	QC	66	1227097	-			
1200959-CCB4	1200959	QC	67		-			
B122257-MSD1	B122257	QC	68		1248018-01			
1248018-02	B122257	Zn-W-ChelCol-ICPMS-Diss	69			ORN-OR1203	12/19/2012	
1248018-02	B122257	V-W-ChelCol-ICPMS-Diss	70			ORN-OR1203	12/19/2012	
1248018-02	B122257	Pb-W-ChelCol-ICPMS-Diss	71			ORN-OR1203	12/19/2012	
1248018-02	B122257	Ni-W-ChelCol-ICPMS-Diss	72			ORN-OR1203	12/19/2012	
1248018-02	B122257	Fe-W-ChelCol-ICPMS-Diss	73			ORN-OR1203	12/19/2012	
1248018-02	B122257	Cu-W-ChelCol-ICPMS-Diss	74			ORN-OR1203	12/19/2012	
1248018-02	B122257	Co-W-ChelCol-ICPMS-Diss	75			ORN-OR1203	12/19/2012	
1248018-02	B122257	Cd-W-ChelCol-ICPMS-Diss	76			ORN-OR1203	12/19/2012	
1248018-05	B122257	Zn-W-ChelCol-ICPMS-TR	77			ORN-OR1203	12/19/2012	
1248018-05	B122257	V-W-ChelCol-ICPMS-TR	78			ORN-OR1203	12/19/2012	

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-05	B122257	Pb-W-ChelCol-ICPMS-TR	79			ORN-OR1203	12/19/2012	
1248018-05	B122257	Ni-W-ChelCol-ICPMS-TR	80			ORN-OR1203	12/19/2012	
1248018-05	B122257	Fe-W-ChelCol-ICPMS-TR	81			ORN-OR1203	12/19/2012	
1248018-05	B122257	Cu-W-ChelCol-ICPMS-TR	82			ORN-OR1203	12/19/2012	
1248018-05	B122257	Co-W-ChelCol-ICPMS-TR	83			ORN-OR1203	12/19/2012	
1248018-05	B122257	Cd-W-ChelCol-ICPMS-TR	84			ORN-OR1203	12/19/2012	
1248018-06	B122257	Zn-W-ChelCol-ICPMS-Diss	85			ORN-OR1203	12/19/2012	
1248018-06	B122257	V-W-ChelCol-ICPMS-Diss	86			ORN-OR1203	12/19/2012	
1248018-06	B122257	Pb-W-ChelCol-ICPMS-Diss	87			ORN-OR1203	12/19/2012	
1248018-06	B122257	Ni-W-ChelCol-ICPMS-Diss	88			ORN-OR1203	12/19/2012	
1248018-06	B122257	Fe-W-ChelCol-ICPMS-Diss	89			ORN-OR1203	12/19/2012	
1248018-06	B122257	Cu-W-ChelCol-ICPMS-Diss	90			ORN-OR1203	12/19/2012	
1248018-06	B122257	Co-W-ChelCol-ICPMS-Diss	91			ORN-OR1203	12/19/2012	
1248018-06	B122257	Cd-W-ChelCol-ICPMS-Diss	92			ORN-OR1203	12/19/2012	
1248018-07	B122257	Zn-W-ChelCol-ICPMS-TR	93			ORN-OR1203	12/19/2012	
1248018-07	B122257	Zn-W-ChelCol-ICPMS-Diss	94			ORN-OR1203	1/1/1980	BatchQC
1248018-07	B122257	V-W-ChelCol-ICPMS-TR	95			ORN-OR1203	12/19/2012	
1248018-07	B122257	V-W-ChelCol-ICPMS-Diss	96			ORN-OR1203	1/1/1980	BatchQC
1248018-07	B122257	Pb-W-ChelCol-ICPMS-TR	97			ORN-OR1203	12/19/2012	
1248018-07	B122257	Pb-W-ChelCol-ICPMS-Diss	98			ORN-OR1203	1/1/1980	BatchQC
1248018-07	B122257	Ni-W-ChelCol-ICPMS-TR	99			ORN-OR1203	12/19/2012	
1248018-07	B122257	Ni-W-ChelCol-ICPMS-Diss	100			ORN-OR1203	1/1/1980	BatchQC
1248018-07	B122257	Fe-W-ChelCol-ICPMS-TR	101			ORN-OR1203	12/19/2012	
1248018-07	B122257	Fe-W-ChelCol-ICPMS-Diss	102			ORN-OR1203	1/1/1980	BatchQC
1248018-07	B122257	Cu-W-ChelCol-ICPMS-TR	103			ORN-OR1203	12/19/2012	
1248018-07	B122257	Cu-W-ChelCol-ICPMS-Diss	104			ORN-OR1203	1/1/1980	BatchQC

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-07	B122257	Co-W-ChelCol-ICPMS-TR	105			ORN-OR1203	12/19/2012	
1248018-07	B122257	Co-W-ChelCol-ICPMS-Diss	106			ORN-OR1203	1/1/1980	BatchQC
1248018-07	B122257	Cd-W-ChelCol-ICPMS-TR	107			ORN-OR1203	12/19/2012	
1248018-07	B122257	Cd-W-ChelCol-ICPMS-Diss	108			ORN-OR1203	1/1/1980	BatchQC
B122257-DUP2	B122257	QC	109		1248018-07			
B122257-MS2	B122257	QC	110		1248018-07			
B122257-MSD2	B122257	QC	111		1248018-07			
1248018-08	B122257	Zn-W-ChelCol-ICPMS-Diss	112			ORN-OR1203	12/19/2012	
1248018-08	B122257	V-W-ChelCol-ICPMS-Diss	113			ORN-OR1203	12/19/2012	
1248018-08	B122257	Pb-W-ChelCol-ICPMS-Diss	114			ORN-OR1203	12/19/2012	
1248018-08	B122257	Ni-W-ChelCol-ICPMS-Diss	115			ORN-OR1203	12/19/2012	
1248018-08	B122257	Fe-W-ChelCol-ICPMS-Diss	116			ORN-OR1203	12/19/2012	
1248018-08	B122257	Cu-W-ChelCol-ICPMS-Diss	117			ORN-OR1203	12/19/2012	
1248018-08	B122257	Co-W-ChelCol-ICPMS-Diss	118			ORN-OR1203	12/19/2012	
1248018-08	B122257	Cd-W-ChelCol-ICPMS-Diss	119			ORN-OR1203	12/19/2012	
1248018-09	B122257	Zn-W-ChelCol-ICPMS-TR	120			ORN-OR1203	12/19/2012	
1248018-09	B122257	V-W-ChelCol-ICPMS-TR	121			ORN-OR1203	12/19/2012	
1248018-09	B122257	Pb-W-ChelCol-ICPMS-TR	122			ORN-OR1203	12/19/2012	
1248018-09	B122257	Ni-W-ChelCol-ICPMS-TR	123			ORN-OR1203	12/19/2012	
1248018-09	B122257	Fe-W-ChelCol-ICPMS-TR	124			ORN-OR1203	12/19/2012	
1248018-09	B122257	Cu-W-ChelCol-ICPMS-TR	125			ORN-OR1203	12/19/2012	
1248018-09	B122257	Co-W-ChelCol-ICPMS-TR	126			ORN-OR1203	12/19/2012	
1248018-09	B122257	Cd-W-ChelCol-ICPMS-TR	127			ORN-OR1203	12/19/2012	
1200959-CCV5	1200959	QC	128	1227097	-			
1200959-CCB5	1200959	QC	129		-			
1248018-10	B122257	Zn-W-ChelCol-ICPMS-Diss	130			ORN-OR1203	12/19/2012	

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-10	B122257	V-W-ChelCol-ICPMS-Diss	131			ORN-OR1203	12/19/2012	
1248018-10	B122257	Pb-W-ChelCol-ICPMS-Diss	132			ORN-OR1203	12/19/2012	
1248018-10	B122257	Ni-W-ChelCol-ICPMS-Diss	133			ORN-OR1203	12/19/2012	
1248018-10	B122257	Fe-W-ChelCol-ICPMS-Diss	134			ORN-OR1203	12/19/2012	
1248018-10	B122257	Cu-W-ChelCol-ICPMS-Diss	135			ORN-OR1203	12/19/2012	
1248018-10	B122257	Co-W-ChelCol-ICPMS-Diss	136			ORN-OR1203	12/19/2012	
1248018-10	B122257	Cd-W-ChelCol-ICPMS-Diss	137			ORN-OR1203	12/19/2012	
1248018-11	B122257	Zn-W-ChelCol-ICPMS-TR	138			ORN-OR1203	12/19/2012	
1248018-11	B122257	V-W-ChelCol-ICPMS-TR	139			ORN-OR1203	12/19/2012	
1248018-11	B122257	Pb-W-ChelCol-ICPMS-TR	140			ORN-OR1203	12/19/2012	
1248018-11	B122257	Ni-W-ChelCol-ICPMS-TR	141			ORN-OR1203	12/19/2012	
1248018-11	B122257	Fe-W-ChelCol-ICPMS-TR	142			ORN-OR1203	12/19/2012	
1248018-11	B122257	Cu-W-ChelCol-ICPMS-TR	143			ORN-OR1203	12/19/2012	
1248018-11	B122257	Co-W-ChelCol-ICPMS-TR	144			ORN-OR1203	12/19/2012	
1248018-11	B122257	Cd-W-ChelCol-ICPMS-TR	145			ORN-OR1203	12/19/2012	
1248018-12	B122257	Zn-W-ChelCol-ICPMS-Diss	146			ORN-OR1203	12/19/2012	
1248018-12	B122257	V-W-ChelCol-ICPMS-Diss	147			ORN-OR1203	12/19/2012	
1248018-12	B122257	Pb-W-ChelCol-ICPMS-Diss	148			ORN-OR1203	12/19/2012	
1248018-12	B122257	Ni-W-ChelCol-ICPMS-Diss	149			ORN-OR1203	12/19/2012	
1248018-12	B122257	Fe-W-ChelCol-ICPMS-Diss	150			ORN-OR1203	12/19/2012	
1248018-12	B122257	Cu-W-ChelCol-ICPMS-Diss	151			ORN-OR1203	12/19/2012	
1248018-12	B122257	Co-W-ChelCol-ICPMS-Diss	152			ORN-OR1203	12/19/2012	
1248018-12	B122257	Cd-W-ChelCol-ICPMS-Diss	153			ORN-OR1203	12/19/2012	
1248018-01RE1	B122257	Zn-W-ChelCol-ICPMS-TR	154			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-01RE1	B122257	V-W-ChelCol-ICPMS-TR	155			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-01RE1	B122257	Pb-W-ChelCol-ICPMS-TR	156			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-01RE1	B122257	Ni-W-ChelCol-ICPMS-TR	157			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-01RE1	B122257	Fe-W-ChelCol-ICPMS-TR	158			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-01RE1	B122257	Cu-W-ChelCol-ICPMS-TR	159			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-01RE1	B122257	Co-W-ChelCol-ICPMS-TR	160			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-01RE1	B122257	Cd-W-ChelCol-ICPMS-TR	161			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
B122257-DUP3	B122257	QC	162		1248018-01RE1			
B122257-MS3	B122257	QC	163		1248018-01RE1			
B122257-MSD3	B122257	QC	164		1248018-01RE1			
1248018-02RE1	B122257	Zn-W-ChelCol-ICPMS-Diss	165			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	V-W-ChelCol-ICPMS-Diss	166			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	Pb-W-ChelCol-ICPMS-Diss	167			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	Ni-W-ChelCol-ICPMS-Diss	168			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	Fe-W-ChelCol-ICPMS-Diss	169			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	Cu-W-ChelCol-ICPMS-Diss	170			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	Co-W-ChelCol-ICPMS-Diss	171			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-02RE1	B122257	Cd-W-ChelCol-ICPMS-Diss	172			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Zn-W-ChelCol-ICPMS-TR	173			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	V-W-ChelCol-ICPMS-TR	174			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Pb-W-ChelCol-ICPMS-TR	175			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Ni-W-ChelCol-ICPMS-TR	176			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Fe-W-ChelCol-ICPMS-TR	177			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Cu-W-ChelCol-ICPMS-TR	178			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Co-W-ChelCol-ICPMS-TR	179			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-05RE1	B122257	Cd-W-ChelCol-ICPMS-TR	180			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	Zn-W-ChelCol-ICPMS-Diss	181			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	V-W-ChelCol-ICPMS-Diss	182			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU

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1248018-06RE1	B122257	Pb-W-ChelCol-ICPMS-Diss	183			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	Ni-W-ChelCol-ICPMS-Diss	184			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	Fe-W-ChelCol-ICPMS-Diss	185			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	Cu-W-ChelCol-ICPMS-Diss	186			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	Co-W-ChelCol-ICPMS-Diss	187			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-06RE1	B122257	Cd-W-ChelCol-ICPMS-Diss	188			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1200959-CCV6	1200959	QC	189	1227097	-			
1200959-CCB6	1200959	QC	190		-			
1248018-07RE1	B122257	Zn-W-ChelCol-ICPMS-TR	191			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	V-W-ChelCol-ICPMS-TR	192			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	Pb-W-ChelCol-ICPMS-TR	193			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	Ni-W-ChelCol-ICPMS-TR	194			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	Fe-W-ChelCol-ICPMS-TR	195			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	Cu-W-ChelCol-ICPMS-TR	196			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	Co-W-ChelCol-ICPMS-TR	197			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-07RE1	B122257	Cd-W-ChelCol-ICPMS-TR	198			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
B122257-DUP4	B122257	QC	199		1248018-07RE1			
B122257-MS4	B122257	QC	200		1248018-07RE1			
B122257-MSD4	B122257	QC	201		1248018-07RE1			
1248018-08RE1	B122257	Zn-W-ChelCol-ICPMS-Diss	202			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-08RE1	B122257	V-W-ChelCol-ICPMS-Diss	203			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-08RE1	B122257	Pb-W-ChelCol-ICPMS-Diss	204			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-08RE1	B122257	Ni-W-ChelCol-ICPMS-Diss	205			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-08RE1	B122257	Fe-W-ChelCol-ICPMS-Diss	206			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-08RE1	B122257	Cu-W-ChelCol-ICPMS-Diss	207			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-08RE1	B122257	Co-W-ChelCol-ICPMS-Diss	208			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1248018-08RE1	B122257	Cd-W-ChelCol-ICPMS-Diss	209			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Zn-W-ChelCol-ICPMS-TR	210			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	V-W-ChelCol-ICPMS-TR	211			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Pb-W-ChelCol-ICPMS-TR	212			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Ni-W-ChelCol-ICPMS-TR	213			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Fe-W-ChelCol-ICPMS-TR	214			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Cu-W-ChelCol-ICPMS-TR	215			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Co-W-ChelCol-ICPMS-TR	216			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-09RE1	B122257	Cd-W-ChelCol-ICPMS-TR	217			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Zn-W-ChelCol-ICPMS-Diss	218			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	V-W-ChelCol-ICPMS-Diss	219			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Pb-W-ChelCol-ICPMS-Diss	220			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Ni-W-ChelCol-ICPMS-Diss	221			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Fe-W-ChelCol-ICPMS-Diss	222			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Cu-W-ChelCol-ICPMS-Diss	223			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Co-W-ChelCol-ICPMS-Diss	224			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-10RE1	B122257	Cd-W-ChelCol-ICPMS-Diss	225			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Zn-W-ChelCol-ICPMS-TR	226			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	V-W-ChelCol-ICPMS-TR	227			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Pb-W-ChelCol-ICPMS-TR	228			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Ni-W-ChelCol-ICPMS-TR	229			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Fe-W-ChelCol-ICPMS-TR	230			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Cu-W-ChelCol-ICPMS-TR	231			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Co-W-ChelCol-ICPMS-TR	232			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-11RE1	B122257	Cd-W-ChelCol-ICPMS-TR	233			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Zn-W-ChelCol-ICPMS-Diss	234			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU

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1248018-12RE1	B122257	V-W-ChelCol-ICPMS-Diss	235			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Pb-W-ChelCol-ICPMS-Diss	236			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Ni-W-ChelCol-ICPMS-Diss	237			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Fe-W-ChelCol-ICPMS-Diss	238			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Cu-W-ChelCol-ICPMS-Diss	239			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Co-W-ChelCol-ICPMS-Diss	240			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1248018-12RE1	B122257	Cd-W-ChelCol-ICPMS-Diss	241			ORN-OR1203	12/19/2012	Added 12/26/2012 by MSU
1200959-CCV7	1200959	QC	242	1227097	-			
1200959-CCB7	1200959	QC	243		-			
B122198-BLK1	B122198	QC	244		-			
B122198-BLK2	B122198	QC	245		-			
B122198-BLK3	B122198	QC	246		-			
B122198-BLK4	B122198	QC	247		-			
B122198-BS1	B122198	QC	248		-			
B122198-SRM1	B122198	QC	249		-			
B122198-SRM2	B122198	QC	250		-			
1247017-01	B122198	Zn-W-ChelCol-ICPMS-Diss	251			SFE-OA1101	12/13/2012	
1247017-01	B122198	Pb-W-ChelCol-ICPMS-TR	252			SFE-OA1101	1/1/1980	BatchQC
1247017-01	B122198	Pb-W-ChelCol-ICPMS-Diss	253			SFE-OA1101	12/13/2012	
1247017-01	B122198	Ni-W-ChelCol-ICPMS-Diss	254			SFE-OA1101	12/13/2012	
1247017-01	B122198	Cu-W-ChelCol-ICPMS-TR	255			SFE-OA1101	1/1/1980	BatchQC
1247017-01	B122198	Cd-W-ChelCol-ICPMS-TR	256			SFE-OA1101	1/1/1980	BatchQC
B122198-DUP1	B122198	QC	257		1247017-01			
B122198-MS1	B122198	QC	258		1247017-01			
B122198-MSD1	B122198	QC	259		1247017-01			
1247017-02	B122198	Zn-W-ChelCol-ICPMS-Diss	260			SFE-OA1101	12/13/2012	

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1247017-02	B122198	Pb-W-ChelCol-ICPMS-Diss	261			SFE-OA1101	12/13/2012	
1247017-02	B122198	Ni-W-ChelCol-ICPMS-Diss	262			SFE-OA1101	12/13/2012	
1200959-CCV8	1200959	QC	263	1227097	-			
1200959-CCB8	1200959	QC	264		-			
1247017-03	B122198	Zn-W-ChelCol-ICPMS-Diss	265			SFE-OA1101	12/13/2012	
1247017-03	B122198	Pb-W-ChelCol-ICPMS-Diss	266			SFE-OA1101	12/13/2012	
1247017-03	B122198	Ni-W-ChelCol-ICPMS-Diss	267			SFE-OA1101	12/13/2012	
1247017-04	B122198	Zn-W-ChelCol-ICPMS-Diss	268			SFE-OA1101	12/13/2012	
1247017-04	B122198	Pb-W-ChelCol-ICPMS-Diss	269			SFE-OA1101	12/13/2012	
1247017-04	B122198	Ni-W-ChelCol-ICPMS-Diss	270			SFE-OA1101	12/13/2012	
1247017-05	B122198	Zn-W-ChelCol-ICPMS-Diss	271			SFE-OA1101	12/13/2012	
1247017-05	B122198	Pb-W-ChelCol-ICPMS-Diss	272			SFE-OA1101	12/13/2012	
1247017-05	B122198	Ni-W-ChelCol-ICPMS-Diss	273			SFE-OA1101	12/13/2012	
1247017-06	B122198	Zn-W-ChelCol-ICPMS-Diss	274			SFE-OA1101	12/13/2012	
1247017-06	B122198	Pb-W-ChelCol-ICPMS-Diss	275			SFE-OA1101	12/13/2012	
1247017-06	B122198	Ni-W-ChelCol-ICPMS-Diss	276			SFE-OA1101	12/13/2012	
1247017-07	B122198	Zn-W-ChelCol-ICPMS-Diss	277			SFE-OA1101	12/13/2012	
1247017-07	B122198	Pb-W-ChelCol-ICPMS-Diss	278			SFE-OA1101	12/13/2012	
1247017-07	B122198	Ni-W-ChelCol-ICPMS-Diss	279			SFE-OA1101	12/13/2012	
1247017-08	B122198	Zn-W-ChelCol-ICPMS-Diss	280			SFE-OA1101	12/13/2012	
1247017-08	B122198	Pb-W-ChelCol-ICPMS-Diss	281			SFE-OA1101	12/13/2012	
1247017-08	B122198	Ni-W-ChelCol-ICPMS-Diss	282			SFE-OA1101	12/13/2012	
1247017-09	B122198	Zn-W-ChelCol-ICPMS-Diss	283			SFE-OA1101	12/13/2012	
1247017-09	B122198	Pb-W-ChelCol-ICPMS-Diss	284			SFE-OA1101	12/13/2012	
1247017-09	B122198	Ni-W-ChelCol-ICPMS-Diss	285			SFE-OA1101	12/13/2012	
1247017-10	B122198	Zn-W-ChelCol-ICPMS-Diss	286			SFE-OA1101	12/13/2012	

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1247017-10	B122198	Pb-W-ChelCol-ICPMS-Diss	287			SFE-OA1101	12/13/2012	
1247017-10	B122198	Ni-W-ChelCol-ICPMS-Diss	288			SFE-OA1101	12/13/2012	
1247017-11	B122198	Zn-W-ChelCol-ICPMS-Diss	289			SFE-OA1101	12/13/2012	
1247017-11	B122198	Pb-W-ChelCol-ICPMS-Diss	290			SFE-OA1101	12/13/2012	
1247017-11	B122198	Ni-W-ChelCol-ICPMS-Diss	291			SFE-OA1101	12/13/2012	
1247017-12	B122198	Zn-W-ChelCol-ICPMS-Diss	292			SFE-OA1101	12/13/2012	
1247017-12	B122198	Pb-W-ChelCol-ICPMS-Diss	293			SFE-OA1101	12/13/2012	
1247017-12	B122198	Ni-W-ChelCol-ICPMS-Diss	294			SFE-OA1101	12/13/2012	
1200959-CCV9	1200959	QC	295	1227096	-			
1200959-CCB9	1200959	QC	296		-			
1247011-04	B122198	Zn-W-ChelCol-ICPMS-Diss	297			UDE-SL1201	1/1/1980	BatchQC
1247011-04	B122198	Pb-W-ChelCol-ICPMS-TR	298			UDE-SL1201	12/13/2012	
1247011-04	B122198	Pb-W-ChelCol-ICPMS-Diss	299			UDE-SL1201	1/1/1980	BatchQC
1247011-04	B122198	Ni-W-ChelCol-ICPMS-Diss	300			UDE-SL1201	1/1/1980	BatchQC
1247011-04	B122198	Cu-W-ChelCol-ICPMS-TR	301			UDE-SL1201	12/13/2012	
1247011-04	B122198	Cd-W-ChelCol-ICPMS-TR	302			UDE-SL1201	12/13/2012	
B122198-DUP2	B122198	QC	303		1247011-04			
B122198-MS2	B122198	QC	304		1247011-04			
B122198-MSD2	B122198	QC	305		1247011-04			
1200959-CCVA	1200959	QC	306	1227096	-			
1200959-CCBA	1200959	QC	307		-			
B122114-BLK1	B122114	QC	308		-			
B122114-BLK2	B122114	QC	309		-			
B122114-BLK3	B122114	QC	310		-			
B122114-BLK4	B122114	QC	311		-			
B122114-BS1	B122114	QC	312		-			

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B122114-SRM1	B122114	QC	313		-			
B122114-SRM2	B122114	QC	314		-			
1245032-10	B122114	Zn-W-ChelCol-ICPMS-Diss	315			HCI-SE1201	12/3/2012	
1245032-10	B122114	Pb-W-ChelCol-ICPMS-Diss	316			HCI-SE1201	12/3/2012	
1245032-10	B122114	Ni-W-ChelCol-ICPMS-Diss	317			HCI-SE1201	12/3/2012	
1245032-10	B122114	Fe-W-ChelCol-ICPMS-Diss	318			HCI-SE1201	12/3/2012	
1245032-10	B122114	Cu-W-ChelCol-ICPMS-Diss	319			HCI-SE1201	12/3/2012	
1245005-26	B122114	Pb-W-ChelCol-ICPMS-TR	320			UDE-SL1201	12/5/2012	
1245005-26	B122114	Cu-W-ChelCol-ICPMS-TR	321			UDE-SL1201	12/5/2012	
1245005-26	B122114	Cd-W-ChelCol-ICPMS-TR	322			UDE-SL1201	12/5/2012	
1245032-01	B122114	Zn-W-ChelCol-ICPMS-Diss	323			HCI-SE1201	12/3/2012	
1245032-01	B122114	Pb-W-ChelCol-ICPMS-TR	324			HCI-SE1201	1/1/1980	BatchQC
1245032-01	B122114	Pb-W-ChelCol-ICPMS-Diss	325			HCI-SE1201	12/3/2012	
1245032-01	B122114	Ni-W-ChelCol-ICPMS-Diss	326			HCI-SE1201	12/3/2012	
1245032-01	B122114	Fe-W-ChelCol-ICPMS-Diss	327			HCI-SE1201	12/3/2012	
1245032-01	B122114	Cu-W-ChelCol-ICPMS-TR	328			HCI-SE1201	1/1/1980	BatchQC
1245032-01	B122114	Cu-W-ChelCol-ICPMS-Diss	329			HCI-SE1201	12/3/2012	
1245032-01	B122114	Cd-W-ChelCol-ICPMS-TR	330			HCI-SE1201	1/1/1980	BatchQC
B122114-DUP1	B122114	QC	331		1245032-01			
B122114-MS1	B122114	QC	332		1245032-01			
1200959-CCVB	1200959	QC	333	1227096	-			
1200959-CCBB	1200959	QC	334		-			
B122114-MSD1	B122114	QC	335		1245032-01			
1245032-02	B122114	Zn-W-ChelCol-ICPMS-Diss	336			HCI-SE1201	12/3/2012	
1245032-02	B122114	Pb-W-ChelCol-ICPMS-Diss	337			HCI-SE1201	12/3/2012	
1245032-02	B122114	Ni-W-ChelCol-ICPMS-Diss	338			HCI-SE1201	12/3/2012	

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1245032-02	B122114	Fe-W-ChelCol-ICPMS-Diss	339			HCI-SE1201	12/3/2012	
1245032-02	B122114	Cu-W-ChelCol-ICPMS-Diss	340			HCI-SE1201	12/3/2012	
1245032-03	B122114	Zn-W-ChelCol-ICPMS-Diss	341			HCI-SE1201	12/3/2012	
1245032-03	B122114	Pb-W-ChelCol-ICPMS-Diss	342			HCI-SE1201	12/3/2012	
1245032-03	B122114	Ni-W-ChelCol-ICPMS-Diss	343			HCI-SE1201	12/3/2012	
1245032-03	B122114	Fe-W-ChelCol-ICPMS-Diss	344			HCI-SE1201	12/3/2012	
1245032-03	B122114	Cu-W-ChelCol-ICPMS-Diss	345			HCI-SE1201	12/3/2012	
1245032-05	B122114	Zn-W-ChelCol-ICPMS-Diss	346			HCI-SE1201	12/3/2012	
1245032-05	B122114	Pb-W-ChelCol-ICPMS-Diss	347			HCI-SE1201	12/3/2012	
1245032-05	B122114	Ni-W-ChelCol-ICPMS-Diss	348			HCI-SE1201	12/3/2012	
1245032-05	B122114	Fe-W-ChelCol-ICPMS-Diss	349			HCI-SE1201	12/3/2012	
1245032-05	B122114	Cu-W-ChelCol-ICPMS-Diss	350			HCI-SE1201	12/3/2012	
1245032-06	B122114	Zn-W-ChelCol-ICPMS-Diss	351			HCI-SE1201	12/3/2012	
1245032-06	B122114	Pb-W-ChelCol-ICPMS-Diss	352			HCI-SE1201	12/3/2012	
1245032-06	B122114	Ni-W-ChelCol-ICPMS-Diss	353			HCI-SE1201	12/3/2012	
1245032-06	B122114	Fe-W-ChelCol-ICPMS-Diss	354			HCI-SE1201	12/3/2012	
1245032-06	B122114	Cu-W-ChelCol-ICPMS-Diss	355			HCI-SE1201	12/3/2012	
1245032-07	B122114	Zn-W-ChelCol-ICPMS-Diss	356			HCI-SE1201	12/3/2012	
1245032-07	B122114	Pb-W-ChelCol-ICPMS-Diss	357			HCI-SE1201	12/3/2012	
1245032-07	B122114	Ni-W-ChelCol-ICPMS-Diss	358			HCI-SE1201	12/3/2012	
1245032-07	B122114	Fe-W-ChelCol-ICPMS-Diss	359			HCI-SE1201	12/3/2012	
1245032-07	B122114	Cu-W-ChelCol-ICPMS-Diss	360			HCI-SE1201	12/3/2012	
1245005-09	B122114	Zn-W-ChelCol-ICPMS-Diss	361			UDE-SL1201	1/1/1980	BatchQC
1245005-09	B122114	Pb-W-ChelCol-ICPMS-TR	362			UDE-SL1201	12/5/2012	
1245005-09	B122114	Pb-W-ChelCol-ICPMS-Diss	363			UDE-SL1201	1/1/1980	BatchQC
1245005-09	B122114	Ni-W-ChelCol-ICPMS-Diss	364			UDE-SL1201	1/1/1980	BatchQC

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1245005-09	B122114	Fe-W-ChelCol-ICPMS-Diss	365			UDE-SL1201	1/1/1980	BatchQC
1245005-09	B122114	Cu-W-ChelCol-ICPMS-TR	366			UDE-SL1201	12/5/2012	
1245005-09	B122114	Cu-W-ChelCol-ICPMS-Diss	367			UDE-SL1201	1/1/1980	BatchQC
1245005-09	B122114	Cd-W-ChelCol-ICPMS-TR	368			UDE-SL1201	12/5/2012	
B122114-DUP2	B122114	QC	369		1245005-09			
B122114-MS2	B122114	QC	370		1245005-09			
B122114-MSD2	B122114	QC	371		1245005-09			
1200959-CCVC	1200959	QC	372	1227096	-			
1200959-CCBC	1200959	QC	373		-			
1245005-10	B122114	Pb-W-ChelCol-ICPMS-TR	374			UDE-SL1201	12/5/2012	
1245005-10	B122114	Cu-W-ChelCol-ICPMS-TR	375			UDE-SL1201	12/5/2012	
1245005-10	B122114	Cd-W-ChelCol-ICPMS-TR	376			UDE-SL1201	12/5/2012	
1245005-11	B122114	Pb-W-ChelCol-ICPMS-TR	377			UDE-SL1201	12/5/2012	
1245005-11	B122114	Cu-W-ChelCol-ICPMS-TR	378			UDE-SL1201	12/5/2012	
1245005-11	B122114	Cd-W-ChelCol-ICPMS-TR	379			UDE-SL1201	12/5/2012	
1245005-12	B122114	Pb-W-ChelCol-ICPMS-TR	380			UDE-SL1201	12/5/2012	
1245005-12	B122114	Cu-W-ChelCol-ICPMS-TR	381			UDE-SL1201	12/5/2012	
1245005-12	B122114	Cd-W-ChelCol-ICPMS-TR	382			UDE-SL1201	12/5/2012	
1245005-13	B122114	Pb-W-ChelCol-ICPMS-TR	383			UDE-SL1201	12/5/2012	
1245005-13	B122114	Cu-W-ChelCol-ICPMS-TR	384			UDE-SL1201	12/5/2012	
1245005-13	B122114	Cd-W-ChelCol-ICPMS-TR	385			UDE-SL1201	12/5/2012	
1245005-14	B122114	Pb-W-ChelCol-ICPMS-TR	386			UDE-SL1201	12/5/2012	
1245005-14	B122114	Cu-W-ChelCol-ICPMS-TR	387			UDE-SL1201	12/5/2012	
1245005-14	B122114	Cd-W-ChelCol-ICPMS-TR	388			UDE-SL1201	12/5/2012	
1245005-15	B122114	Pb-W-ChelCol-ICPMS-TR	389			UDE-SL1201	12/5/2012	
1245005-15	B122114	Cu-W-ChelCol-ICPMS-TR	390			UDE-SL1201	12/5/2012	

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1245005-15	B122114	Cd-W-ChelCol-ICPMS-TR	391			UDE-SL1201	12/5/2012	
1245005-16	B122114	Pb-W-ChelCol-ICPMS-TR	392			UDE-SL1201	12/5/2012	
1245005-16	B122114	Cu-W-ChelCol-ICPMS-TR	393			UDE-SL1201	12/5/2012	
1245005-16	B122114	Cd-W-ChelCol-ICPMS-TR	394			UDE-SL1201	12/5/2012	
1245005-17	B122114	Pb-W-ChelCol-ICPMS-TR	395			UDE-SL1201	12/5/2012	
1245005-17	B122114	Cu-W-ChelCol-ICPMS-TR	396			UDE-SL1201	12/5/2012	
1245005-17	B122114	Cd-W-ChelCol-ICPMS-TR	397			UDE-SL1201	12/5/2012	
1245005-18	B122114	Pb-W-ChelCol-ICPMS-TR	398			UDE-SL1201	12/5/2012	
1245005-18	B122114	Cu-W-ChelCol-ICPMS-TR	399			UDE-SL1201	12/5/2012	
1245005-18	B122114	Cd-W-ChelCol-ICPMS-TR	400			UDE-SL1201	12/5/2012	
1200959-CCVD	1200959	QC	401	1227096	-			
1200959-CCBD	1200959	QC	402		-			
1245005-19	B122114	Zn-W-ChelCol-ICPMS-Diss	403			UDE-SL1201	1/1/1980	BatchQC
1245005-19	B122114	Pb-W-ChelCol-ICPMS-TR	404			UDE-SL1201	12/5/2012	
1245005-19	B122114	Pb-W-ChelCol-ICPMS-Diss	405			UDE-SL1201	1/1/1980	BatchQC
1245005-19	B122114	Ni-W-ChelCol-ICPMS-Diss	406			UDE-SL1201	1/1/1980	BatchQC
1245005-19	B122114	Fe-W-ChelCol-ICPMS-Diss	407			UDE-SL1201	1/1/1980	BatchQC
1245005-19	B122114	Cu-W-ChelCol-ICPMS-TR	408			UDE-SL1201	12/5/2012	
1245005-19	B122114	Cu-W-ChelCol-ICPMS-Diss	409			UDE-SL1201	1/1/1980	BatchQC
1245005-19	B122114	Cd-W-ChelCol-ICPMS-TR	410			UDE-SL1201	12/5/2012	
B122114-DUP3	B122114	QC	411		1245005-19			
B122114-MS3	B122114	QC	412		1245005-19			
B122114-MSD3	B122114	QC	413		1245005-19			
1245005-20	B122114	Pb-W-ChelCol-ICPMS-TR	414			UDE-SL1201	12/5/2012	
1245005-20	B122114	Cu-W-ChelCol-ICPMS-TR	415			UDE-SL1201	12/5/2012	
1245005-20	B122114	Cd-W-ChelCol-ICPMS-TR	416			UDE-SL1201	12/5/2012	

ANALYSIS SEQUENCE

1200959

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1245005-21	B122114	Cu-W-ChelCol-ICPMS-TR	417			UDE-SL1201	12/5/2012	
1245005-21	B122114	Cd-W-ChelCol-ICPMS-TR	418			UDE-SL1201	12/5/2012	
1245005-21	B122114	Pb-W-ChelCol-ICPMS-TR	419			UDE-SL1201	12/5/2012	
1245005-22	B122114	Cd-W-ChelCol-ICPMS-TR	420			UDE-SL1201	12/5/2012	
1245005-22	B122114	Pb-W-ChelCol-ICPMS-TR	421			UDE-SL1201	12/5/2012	
1245005-22	B122114	Cu-W-ChelCol-ICPMS-TR	422			UDE-SL1201	12/5/2012	
1245005-23	B122114	Pb-W-ChelCol-ICPMS-TR	423			UDE-SL1201	12/5/2012	
1245005-23	B122114	Cu-W-ChelCol-ICPMS-TR	424			UDE-SL1201	12/5/2012	
1245005-23	B122114	Cd-W-ChelCol-ICPMS-TR	425			UDE-SL1201	12/5/2012	
1245005-24	B122114	Pb-W-ChelCol-ICPMS-TR	426			UDE-SL1201	12/5/2012	
1245005-24	B122114	Cu-W-ChelCol-ICPMS-TR	427			UDE-SL1201	12/5/2012	
1245005-24	B122114	Cd-W-ChelCol-ICPMS-TR	428			UDE-SL1201	12/5/2012	
1245005-25	B122114	Pb-W-ChelCol-ICPMS-TR	429			UDE-SL1201	12/5/2012	
1245005-25	B122114	Cu-W-ChelCol-ICPMS-TR	430			UDE-SL1201	12/5/2012	
1245005-25	B122114	Cd-W-ChelCol-ICPMS-TR	431			UDE-SL1201	12/5/2012	
1200959-CCVE	1200959	QC	432	1227096	-			
1200959-CCBE	1200959	QC	433		-			
1245020-04	B122114	Zn-W-ChelCol-ICPMS-Diss	434			UDE-SL1201	1/1/1980	BatchQC
1245020-04	B122114	Pb-W-ChelCol-ICPMS-TR	435			UDE-SL1201	12/6/2012	
1245020-04	B122114	Pb-W-ChelCol-ICPMS-Diss	436			UDE-SL1201	1/1/1980	BatchQC
1245020-04	B122114	Ni-W-ChelCol-ICPMS-Diss	437			UDE-SL1201	1/1/1980	BatchQC
1245020-04	B122114	Fe-W-ChelCol-ICPMS-Diss	438			UDE-SL1201	1/1/1980	BatchQC
1245020-04	B122114	Cu-W-ChelCol-ICPMS-TR	439			UDE-SL1201	12/6/2012	
1245020-04	B122114	Cu-W-ChelCol-ICPMS-Diss	440			UDE-SL1201	1/1/1980	BatchQC
1245020-04	B122114	Cd-W-ChelCol-ICPMS-TR	441			UDE-SL1201	12/6/2012	
B122114-DUP4	B122114	QC	442		1245020-04			

ANALYSIS SEQUENCE

1200959

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B122114-MS4	B122114	QC	443		1245020-04			
B122114-MSD4	B122114	QC	444		1245020-04			
1245020-08	B122114	Pb-W-ChelCol-ICPMS-TR	445			UDE-SL1201	12/6/2012	
1245020-08	B122114	Cu-W-ChelCol-ICPMS-TR	446			UDE-SL1201	12/6/2012	
1245020-08	B122114	Cd-W-ChelCol-ICPMS-TR	447			UDE-SL1201	12/6/2012	
1245020-12	B122114	Pb-W-ChelCol-ICPMS-TR	448			UDE-SL1201	12/6/2012	
1245020-12	B122114	Cu-W-ChelCol-ICPMS-TR	449			UDE-SL1201	12/6/2012	
1245020-12	B122114	Cd-W-ChelCol-ICPMS-TR	450			UDE-SL1201	12/6/2012	
1245020-16	B122114	Pb-W-ChelCol-ICPMS-TR	451			UDE-SL1201	12/6/2012	
1245020-16	B122114	Cu-W-ChelCol-ICPMS-TR	452			UDE-SL1201	12/6/2012	
1245020-16	B122114	Cd-W-ChelCol-ICPMS-TR	453			UDE-SL1201	12/6/2012	
1245032-04	B122114	Zn-W-ChelCol-ICPMS-Diss	454			HCI-SE1201	12/3/2012	
1245032-04	B122114	Pb-W-ChelCol-ICPMS-Diss	455			HCI-SE1201	12/3/2012	
1245032-04	B122114	Ni-W-ChelCol-ICPMS-Diss	456			HCI-SE1201	12/3/2012	
1245032-04	B122114	Fe-W-ChelCol-ICPMS-Diss	457			HCI-SE1201	12/3/2012	
1245032-04	B122114	Cu-W-ChelCol-ICPMS-Diss	458			HCI-SE1201	12/3/2012	
1245032-08	B122114	Zn-W-ChelCol-ICPMS-Diss	459			HCI-SE1201	12/3/2012	
1245032-08	B122114	Pb-W-ChelCol-ICPMS-Diss	460			HCI-SE1201	12/3/2012	
1245032-08	B122114	Ni-W-ChelCol-ICPMS-Diss	461			HCI-SE1201	12/3/2012	
1245032-08	B122114	Fe-W-ChelCol-ICPMS-Diss	462			HCI-SE1201	12/3/2012	
1245032-08	B122114	Cu-W-ChelCol-ICPMS-Diss	463			HCI-SE1201	12/3/2012	
1245032-09	B122114	Zn-W-ChelCol-ICPMS-Diss	464			HCI-SE1201	12/3/2012	
1245032-09	B122114	Pb-W-ChelCol-ICPMS-Diss	465			HCI-SE1201	12/3/2012	
1245032-09	B122114	Ni-W-ChelCol-ICPMS-Diss	466			HCI-SE1201	12/3/2012	
1245032-09	B122114	Fe-W-ChelCol-ICPMS-Diss	467			HCI-SE1201	12/3/2012	
1245032-09	B122114	Cu-W-ChelCol-ICPMS-Diss	468			HCI-SE1201	12/3/2012	

ANALYSIS SEQUENCE

1200959

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200959-CCVF	1200959	QC	469	1227096	-			
1200959-CCBF	1200959	QC	470		-			

ICP-MS Analysis Benchsheet Batch No: B122257, 2114, 2198, 2194

BR-0063

(BRL procedure for the analysis of samples by EPA Method 1640)

Analyst: CCE, TMU Date: 12/21/2012

Instrument ID: ICP-MS2 cHNO3 ID: 1245013 cHCl ID: NA

Calibration recorded in LIMS Int Std: N/A SEQ: 1200959

A/S #	Batch	Sample ID	Dilution	Comments
1		warm up		
1		warm up		
1		warm up		
1		SEQ-ICB1		
2		SEQ-CAL1		1227100cal point out
3		SEQ-CAL2		1227099 Ni out
4		SEQ-CAL3		1227098
5		SEQ-CAL4		1227097
6		SEQ-CAL5		1227096
7		SEQ-CAL6		1227095
8		SEQ-CAL7		1227094
1		SEQ-ICB2		
434		rinse		
101		SEQ-ICV1		(For all analytes but Fe) 1245089
434		rinse		
102		SEQ-ICV2		(For Fe only) 1245090
434		rinse		
1		SEQ-ICB3		
434		rinse		
103		SEQ-IBL1		
434		rinse		
104		SEQ-IBL2		
434		rinse		
105		SEQ-IBL3		
434		rinse		
106		SEQ-IBL4		
434		rinse		
107		SEQ-SCV1		slew-3 1245085; 1238006
434		rinse		
160		SEQ-SCV2		cass-5 1245086; 1238005
434		rinse		
5		SEQ-CCV1		1227097
1		SEQ-CCB1		
108	B122194	B122194-BLK1		Column LOD/LOQ
109	B122194	B122194-BLK2		upload into separate seq.
110	B122194	B122194-BLK3		
111	B122194	B122194-BLK4		
112	B122194	B122194-BSD		LOD1
113	B122194	B122194-BSE		LOD2
114	B122194	B122194-BSF		LOD3

116	B122194	B122194-BSA		LOQ2
117	B122194	B122194-BSB		LOQ3
118	B122194	B122194-BSC		LOQ4
434		rinse		
5		SEQ-CCV3		1227097
434		rinse		
1		SEQ-CCB3		
434		rinse		
119	B122257	B122257-BLK1		
434		rinse		
120	B122257	B122257-BLK2		
434		rinse		
121	B122257	B122257-BLK3		
434		rinse		
122	B122257	B122257-BLK4		
434		rinse		
123	B122257	B122257-BS1		
434		rinse		
124	B122257	1248018-03	~~1000x~~	
434		rinse		
125	B122257	1248018-04	~~1000x~~	
434		rinse		
126	B122257	1248018-01	1000x	
434		rinse		
127	B122257	B122257-DUP1	1000x	1248018-01
434		rinse		
128	B122257	B122257-MS1	1000x	15µL of 1227092 to 5mL
434		rinse		
5		SEQ-CCV4		1227097
434		rinse		
1		SEQ-CCB4		
434		rinse		
129	B122257	B122257-MSD1	1000x	15µL of 1227092 to 5mL
434		rinse		
130	B122257	1248018-02	1000x	
434		rinse		
131	B122257	1248018-05	1000x	
434		rinse		
132	B122257	1248018-06	1000x	
434		rinse		
133	B122257	1248018-07	1000x	
434		rinse		
134	B122257	B122257-DUP2	1000x	1248018-07
434		rinse		
135	B122257	B122257-MS2	1000x	15µL of 1227092 to 5mL
434		rinse		
136	B122257	B122257-MSD2	1000x	15µL of 1227092 to 5mL
434		rinse		
137	B122257	1248018-08	1000x	
434		rinse		
138	B122257	1248018-09	1000x	
434		rinse		

5		SEQ-CCV5		1227097
434		rinse		
1		SEQ-CCB5		
434		rinse		
139	B122257	1248018-10	1000x	
434		rinse		
140	B122257	1248018-11	1000x	
434		rinse		
141	B122257	1248018-12	1000x	
434		rinse		
142	B122257	1248018-01RE1	20x	
434		rinse		
143	B122257	B122257-DUP3	20x	1248018-01RE1
434		rinse		
144	B122257	B122257-MS3	20x	15µL of 1227092 to 5mL
434		rinse		
145	B122257	B122257-MSD3	20x	15µL of 1227092 to 5mL
434		rinse		
146	B122257	1248018-02RE1	20x	
434		rinse		
147	B122257	1248018-05RE1	20x	
434		rinse		
148	B122257	1248018-06RE1	20x	
434		rinse		
5		SEQ-CCV6		1227097
434		rinse		
1		SEQ-CCB6		
434		rinse		
149	B122257	1248018-07RE1	20x	
434		rinse		
150	B122257	B122257-DUP4	20x	1248018-07RE1
434		rinse		
151	B122257	B122257-MS4	20x	15µL of 1227092 to 5mL
434		rinse		
152	B122257	B122257-MSD4	20x	15µL of 1227092 to 5mL
434		rinse		
153	B122257	1248018-08RE1	20x	
434		rinse		
154	B122257	1248018-09RE1	20x	
434		rinse		
155	B122257	1248018-10RE1	20x	
434		rinse		
156	B122257	1248018-11RE1	20x	
434		rinse		
157	B122257	1248018-12RE1	20x	
434		rinse		
5		SEQ-CCV7		1227097
434		rinse		
1		SEQ-CCB7		
434		rinse		
201	B122198	B122198-BLK1		
434		rinse		

202	B122198	B122198-BLK2		
434		rinse		
203	B122198	B122198-BLK3		
434		rinse		
204	B122198	B122198-BLK4		
434		rinse		
205	B122198	B122198-BS1		
434		rinse		
206	B122198	1247017-01		
434		rinse		
207	B122198	B122198-DUP1		1247017-01
434		rinse		
208	B122198	B122198-MS1		15µL of 1227092 to 5mL
434		rinse		
209	B122198	B122198-MSD1		15µL of 1227092 to 5mL
434		rinse		
210	B122198	1247017-02		
434		rinse		
5		SEQ-CCV8		1227097
434		rinse		
1		SEQ-CCB8		
434		rinse		
211	B122198	1247017-03		
434		rinse		
212	B122198	1247017-04		
434		rinse		
213	B122198	1247017-05		
434		rinse		
214	B122198	1247017-06		
434		rinse		
215	B122198	1247017-07		
434		rinse		
216	B122198	1247017-08		
434		rinse		
217	B122198	1247017-09		
434		rinse		
218	B122198	1247017-10		
434		rinse		
219	B122198	1247017-11		
434		rinse		
220	B122198	1247017-12		
434		rinse		
6		SEQ-CCV9		1227096
434		rinse		
1		SEQ-CCB9		
434		rinse		
221	B122198	1247011-04	10x	
434		rinse		
222	B122198	B122198-DUP2	10x	1247011-04
434		rinse		
223	B122198	B122198-MS2	10x	15µL of 1227092 to 5mL
434		rinse		

224	B122198	B122198-MSD2	10x	15µL of 1227092 to 5mL
434		rinse		
6		SEQ-CCVA		1227096
434		rinse		
10		SEQ-CCBA		
434		rinse		
225	B122114	B122114-BLK1		
434		rinse		
226	B122114	B122114-BLK2		
434		rinse		
227	B122114	B122114-BLK3		
434		rinse		
228	B122114	B122114-BLK4		
434		rinse		
229	B122114	B122114-BS1		
434		rinse		
230	B122114	1245032-10		
434		rinse		
231	B122114	1245005-26		
434		rinse		
232	B122114	1245032-01	10x	
434		rinse		
233	B122114	B122114-DUP1	10x	1245032-01
434		rinse		
234	B122114	B122114-MS1	10x	15µL of 1227092 to 5mL
434		rinse		
6		SEQ-CCVB		1227096
434		rinse		
10		SEQ-CCBB		
434		rinse		
235	B122114	B122114-MSD1	10x	15µL of 1227092 to 5mL
434		rinse		
236	B122114	1245032-02	10x	
434		rinse		
237	B122114	1245032-03	10x	
434		rinse		
238	B122114	1245032-05	10x	
434		rinse		
239	B122114	1245032-06	10x	
434		rinse		
240	B122114	1245032-07	10x	
434		rinse		
241	B122114	1245005-09	10x	
434		rinse		
242	B122114	B122114-DUP2	10x	1245005-09
434		rinse		
243	B122114	B122114-MS2	10x	15µL of 1227092 to 5mL
434		rinse		
244	B122114	B122114-MSD2	10x	15µL of 1227092 to 5mL
434		rinse		
6		SEQ-CCVC		1227096
434		rinse		

10		SEQ-CCBC		
434		rinse		
245	B122114	1245005-10	10x	
434		rinse		
246	B122114	1245005-11	10x	
434		rinse		
247	B122114	1245005-12	10x	
434		rinse		
248	B122114	1245005-13	10x	
434		rinse		
249	B122114	1245005-14	10x	
434		rinse		
250	B122114	1245005-15	10x	
434		rinse		
251	B122114	1245005-16	10x	
434		rinse		
252	B122114	1245005-17	10x	
434		rinse		
253	B122114	1245005-18	10x	
434		rinse		
6		SEQ-CCVD		1227096
434		rinse		
10		SEQ-CCBD		
434		rinse		
254	B122114	1245005-19	10x	
434		rinse		
255	B122114	B122114-DUP3	10x	1245005-19
434		rinse		
256	B122114	B122114-MS3	10x	15µL of 1227092 to 5mL
434		rinse		
257	B122114	B122114-MSD3	10x	15µL of 1227092 to 5mL
434		rinse		
258	B122114	1245005-20	10x	
434		rinse		
259	B122114	1245005-21	10x	
434		rinse		
260	B122114	1245005-22	10x	
434		rinse		
301	B122114	1245005-23	10x	
434		rinse		
302	B122114	1245005-24	10x	
434		rinse		
303	B122114	1245005-25	10x	
434		rinse		
6		SEQ-CCVE		1227096
434		rinse		
10		SEQ-CCBE		
434		rinse		
304	B122114	1245020-04	10x	
434		rinse		
305	B122114	B122114-DUP4	10x	1245020-04
434		rinse		

306	B122114	B122114-MS4	10x	15µL of 1227092 to 5mL
434		rinse		
307	B122114	B122114-MSD4	10x	15µL of 1227092 to 5mL
434		rinse		
308	B122114	1245020-08	10x	
434		rinse		
309	B122114	1245020-12	10x	
434		rinse		
310	B122114	1245020-16	10x	
434		rinse		
311	B122114	1245032-04	10x	
434		rinse		
312	B122114	1245032-08	10x	
434		rinse		
313	B122114	1245032-09	10x	
434		rinse		
6		SEQ-CCVF		1227096
434		rinse		
10		SEQ-CCBF		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		

Trace Metals Method BR-0065 Rev 004 (ICP-MS)

1% Nitric Acid Digestion

Batch #(s): B122198, 2201, 2259, 2258, 2287 Page 1 of 1

Workorder #(s): 1247017, 7011, 8034, 6022, 8030, 8038

Prepared By: LCE

Preparation Date and Time*: 12/3/12 1345

Date and Time of Finished Preparation: 12/4/12 0935

* Time is when the first reagents are added.

Sample ID	Sample Vol.(mL)	Acid Added (mL)
BLK1	125	1.25
BLK2		
BLK3		
BLK4		
BS1		
▲ 1247017-01	500	4.0
-02		
-03		
-04		
-05		
-06		
-07		
-08		
-09		
-10		
-11		
-12		
○ 1247011-04	250	0.0
○ 1248034-01	125	
-02		
-03		

Sample ID	Sample Vol.(mL)	Acid Added (mL)
○ 1248034-04	125	0.0
-05		
-06		
-07		
-08		
-09		
△ 1246022-01	250	2.25
-02		
-03		
-04		
△ 1248030-01	250	2.25
-02		
-03		
-04		
-05		
-06		
-07		
* 1248038-01	30	0.3
-02	30	
-03	30	

LCE 12/4/12

Balance ID: BL-02

Oven ID: OV-05

HNO_3 ID: 1237104

Bottle lot #: 12-266

circle 125mL or 250mL	standard	mL to add to 125mL bottle	mL to add to 250mL bottle	LIMS ID
fake spike #1249002 BS1	ML-1	2.5	5	1240040
	0.02 ppm Ag	2.5	5	1240038
	0.02 ppm Sb	2.5	5	1237006
	~~1 ppm Y~~	~~1.25~~	~~2.5~~	
	1 ppm W	0.125	0.25	

Spike Witness Initials/Date: CMC 12/2/12

Target Oven Temperature: 85°C

Time/Temp* In: M: 57°C C: ~~58°C~~ 1416 12/3/12

Time/Temp* Out: M: 85°C C: 83°C 0935 12/4/12

Thermometer ID: TM-01

*** Both measured and corrected temperatures must be recorded.**

Comments: ▲: pre-preserved w/ 0.2% HNO_3. ○: pre-preserved w/ 1% HNO_3. △: pre-preserved w/ 0.1% HNO_3. *: sample vol. estimated using 125 mL reference bottle.

Sample Information

Report Title: QUANTITATIVE ANALYSIS REPORT
Batch ID:
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\Sample.005
Tuning File: C:\Elandata\Tuning\Default.tun
Optimization File: C:\Elandata\Optimize\Default.dac
Blank File:
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Calibration Type: External Calibration

Calibration

Analyte	Mass	Curve Type	Slope	Intercept	Correlation Coefficient	Std 1 Conc
V-Precon	51	Weighted Linear	43.075	-45.241	0.999982	
Fe-Precon	54	Weighted Linear	5.480	50.778	0.999588	
Fe-Precon	56	Weighted Linear	107.118	868.935	0.997184	
Fe-Precon	57	Weighted Linear	2.671	43.485	0.999185	
Co-Precon	59	Weighted Linear	141.366	-45.444	0.999754	
Ni-Precon	60	Weighted Linear	22.825	33.575	0.999989	
Cu-Precon	63	Weighted Linear	55.504	21.321	0.999733	
Cu-Precon	65	Weighted Linear	26.131	1.944	0.999948	
Zn-Precon	66	Weighted Linear	18.074	-20.552	0.999985	
Zn-Precon	68	Weighted Linear	11.885	11.800	0.999950	
Cd-Precon	111	Weighted Linear	19.923	-3.015	0.999656	
Cd-Precon	114	Weighted Linear	51.331	17.200	0.999963	
Pb-Precon	208	Weighted Linear	305.139	-808.994	0.995536	
Tb-Precon	159	Linear Thru Zero				

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB1

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 19:17:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51		315					ng/L
Fe-Precon	54		133					ng/L
Fe-Precon	56		2555					ng/L
Fe-Precon	57		80					ng/L
Co-Precon	59		33					ng/L
Ni-Precon	60		27					ng/L
Cu-Precon	63		311					ng/L
Cu-Precon	65		146					ng/L
Zn-Precon	66		221					ng/L
Zn-Precon	68		151					ng/L
Cd-Precon	111		4					ng/L
Cd-Precon	114		12					ng/L
Pb-Precon	208		1281					ng/L
Tb-Precon	159		12					mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL1

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 19:28:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 2

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL1.022
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5402			5087.215192	**119.1508**	ng/L
Fe-Precon	54	133	1420			1286.535575	**225.4870**	ng/L
Fe-Precon	56	2555	26795			24239.947502	**218.1807**	ng/L
Fe-Precon	57	80	707			627.605901	**218.6814**	ng/L
Co-Precon	59	33	6866			6832.312361	**48.6523**	ng/L
Ni-Precon	60	27	1160			1133.072156	**48.1717**	ng/L
Cu-Precon	63	311	2932			2620.924430	**46.8366**	ng/L
Cu-Precon	65	146	1402			1255.838075	**47.9850**	ng/L
Zn-Precon	66	221	4458			4236.817690	**235.5465**	ng/L
Zn-Precon	68	151	2961			2810.594325	**235.4831**	ng/L
Cd-Precon	111	4	951			947.262544	**47.6982**	ng/L
Cd-Precon	114	12	2565			2553.376623	**49.4082**	ng/L
Pb-Precon	208	1281	15033			13751.949239	**47.7190**	ng/L
Tb-Precon	159	12	11			-0.754978		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL2

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 19:38:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 3

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL2.023
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2432			2116.600885	**50.1875**	ng/L
Fe-Precon	54	133	733			600.048744	**100.2247**	ng/L
Fe-Precon	56	2555	14291			11736.249368	**101.4521**	ng/L
Fe-Precon	57	80	396			315.994648	**102.0214**	ng/L
Co-Precon	59	33	2820			2786.594805	**20.0334**	ng/L
Ni-Precon	60	27	1056			1029.079008	**43.6155**	ng/L
Cu-Precon	63	311	1426			1115.234126	**19.7088**	ng/L
Cu-Precon	65	146	669			522.362051	**19.9157**	ng/L
Zn-Precon	66	221	2004			1782.381570	**99.7505**	ng/L
Zn-Precon	68	151	1346			1195.158686	**99.5646**	ng/L
Cd-Precon	111	4	393			388.768416	**19.6652**	ng/L
Cd-Precon	114	12	1054			1041.857727	**19.9617**	ng/L
Pb-Precon	208	1281	6665			5383.722635	**20.2947**	ng/L
Tb-Precon	159	12	9			-2.503898		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL3

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 19:49:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 4

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL3.024
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5608			5293.385413	**123.9371**	ng/L
Fe-Precon	54	133	1555			1421.916546	**250.1898**	ng/L
Fe-Precon	56	2555	29746			27190.671437	**245.7273**	ng/L
Fe-Precon	57	80	759			679.326501	**238.0444**	ng/L
Co-Precon	59	33	7045			7011.609470	**49.9206**	ng/L
Ni-Precon	60	27	1203			1175.907925	**50.0484**	ng/L
Cu-Precon	63	311	3211			2900.595231	**51.8753**	ng/L
Cu-Precon	65	146	1467			1321.109960	**50.4828**	ng/L
Zn-Precon	66	221	4740			4518.183727	**251.1136**	ng/L
Zn-Precon	68	151	3163			3012.452265	**252.4669**	ng/L
Cd-Precon	111	4	1042			1037.647075	**52.2350**	ng/L
Cd-Precon	114	12	2600			2588.189238	**50.0864**	ng/L
Pb-Precon	208	1281	15522			14241.251946	**49.3226**	ng/L
Tb-Precon	159	12	8			-3.733339		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL4

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 19:59:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL4.025
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	11008			10693.074558	**249.2917**	ng/L
Fe-Precon	54	133	2906			2772.352002	**496.6018**	ng/L
Fe-Precon	56	2555	55554			52999.300662	**486.6645**	ng/L
Fe-Precon	57	80	1455			1375.395182	**498.6362**	ng/L
Co-Precon	59	33	14098			14064.801528	**99.8138**	ng/L
Ni-Precon	60	27	2336			2309.386094	**99.7089**	ng/L
Cu-Precon	63	311	5893			5582.533461	**100.1953**	ng/L
Cu-Precon	65	146	2773			2626.263598	**100.4295**	ng/L
Zn-Precon	66	221	9278			9056.839241	**502.2227**	ng/L
Zn-Precon	68	151	6109			5958.751076	**500.3605**	ng/L
Cd-Precon	111	4	1985			1981.249591	**99.5982**	ng/L
Cd-Precon	114	12	5186			5173.992091	**100.4613**	ng/L
Pb-Precon	208	1281	29988			28707.694178	**96.7319**	ng/L
Tb-Precon	159	12	7			-5.070139		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL5

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 20:10:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL5.026
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	54403			54087.740603	**1256.7059**	ng/L
Fe-Precon	54	133	13514			13380.406791	**2432.2384**	ng/L
Fe-Precon	56	2555	258370			255815.093583	**2380.0569**	ng/L
Fe-Precon	57	80	6712			6632.103128	**2466.6247**	ng/L
Co-Precon	59	33	70121			70087.449889	**496.1100**	ng/L
Ni-Precon	60	27	11546			11518.651551	**503.1896**	ng/L
Cu-Precon	63	311	27626			27314.865369	**491.7427**	ng/L
Cu-Precon	65	146	13101			12954.738054	**495.6874**	ng/L
Zn-Precon	66	221	45353			45131.835089	**2498.1357**	ng/L
Zn-Precon	68	151	30151			29999.840511	**2523.1133**	ng/L
Cd-Precon	111	4	9923			9918.513176	**498.0012**	ng/L
Cd-Precon	114	12	25938			25926.621299	**504.7507**	ng/L
Pb-Precon	208	1281	145858			144577.231856	**476.4587**	ng/L
Tb-Precon	159	12	10			-2.188747		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL6

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 20:20:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL6.027
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	107920			107604.541689	**2499.1071**	ng/L
Fe-Precon	54	133	27190			27056.891575	**4927.7671**	ng/L
Fe-Precon	56	2555	514230			511674.946895	**4768.6436**	ng/L
Fe-Precon	57	80	13328			13248.443285	**4943.6278**	ng/L
Co-Precon	59	33	137899			137865.258591	**975.5604**	ng/L
Ni-Precon	60	27	22824			22797.115739	**997.3269**	ng/L
Cu-Precon	63	311	55347			55036.651098	**991.2010**	ng/L
Cu-Precon	65	146	26019			25872.267796	**990.0253**	ng/L
Zn-Precon	66	221	89878			89656.312095	**4961.5311**	ng/L
Zn-Precon	68	151	59420			59269.324775	**4985.7693**	ng/L
Cd-Precon	111	4	19805			19800.996252	**994.0426**	ng/L
Cd-Precon	114	12	51284			51272.299000	**998.5188**	ng/L
Pb-Precon	208	1281	282505			281224.548210	**924.2784**	ng/L
Tb-Precon	159	12	11			-0.806927		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL7

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 20:31:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 8

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CAL7.028
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	540100			539784.466584	**12532.2338**	ng/L
Fe-Precon	54	133	143406			143272.851237	**26133.5273**	ng/L
Fe-Precon	56	2555	3012063			3009507.947707	**28087.2326**	ng/L
Fe-Precon	57	80	70571			70491.291928	**26374.0119**	ng/L
Co-Precon	59	33	730847			730813.484478	**5169.9904**	ng/L
Ni-Precon	60	27	113982			113955.028511	**4991.1800**	ng/L
Cu-Precon	63	311	277965			277654.110368	**5002.0586**	ng/L
Cu-Precon	65	146	131961			131814.541652	**5044.3052**	ng/L
Zn-Precon	66	221	452981			452759.825989	**25050.8754**	ng/L
Zn-Precon	68	151	293542			293391.082626	**24684.1462**	ng/L
Cd-Precon	111	4	98222			98217.334999	**4930.0727**	ng/L
Cd-Precon	114	12	253490			253478.476792	**4937.7694**	ng/L
Pb-Precon	208	1281	1761579			1760298.594525	**5771.4895**	ng/L
Tb-Precon	159	12	8			-3.580959		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB2

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 20:41:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB2.029
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	17272			16956.828350	**394.7058**	ng/L
Fe-Precon	54	133	2959			2825.812436	**506.3567**	ng/L
Fe-Precon	56	2555	57060			54505.055968	**500.7215**	ng/L
Fe-Precon	57	80	1482			1402.515535	**508.7894**	ng/L
Co-Precon	59	33	1815			1781.767022	**12.9254**	ng/L
Ni-Precon	60	27	739			711.633163	**29.7074**	ng/L
Cu-Precon	63	311	6813			6502.504270	**116.7703**	ng/L
Cu-Precon	65	146	3175			3028.622502	**115.8272**	ng/L
Zn-Precon	66	221	1664			1442.639683	**80.9537**	ng/L
Zn-Precon	68	151	1060			909.119806	**75.4981**	ng/L
Cd-Precon	111	4	189			184.987195	**9.4366**	ng/L
Cd-Precon	114	12	470			458.250529	**8.5923**	ng/L
Pb-Precon	208	1281	4453			3172.237714	**13.0473**	ng/L
Tb-Precon	159	12	9			-2.330737		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 20:52:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.030
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2778			2462.721016	**58.2227**	ng/L
Fe-Precon	54	133	2611			2478.114929	**442.9128**	ng/L
Fe-Precon	56	2555	50568			48012.689342	**440.1118**	ng/L
Fe-Precon	57	80	1302			1222.147147	**441.2637**	ng/L
Co-Precon	59	33	31			-2.355038	**0.3048**	ng/L
Ni-Precon	60	27	89			61.867447	**1.2396**	ng/L
Cu-Precon	63	311	1360			1049.633526	**18.5269**	ng/L
Cu-Precon	65	146	648			501.499397	**19.1174**	ng/L
Zn-Precon	66	221	121			-100.099817	**-4.4011**	ng/L
Zn-Precon	68	151	86			-64.701901	**-6.4366**	ng/L
Cd-Precon	111	4	4			0.205013	**0.1616**	ng/L
Cd-Precon	114	12	13			0.875070	**-0.3180**	ng/L
Pb-Precon	208	1281	698			-583.168417	**0.7401**	ng/L
Tb-Precon	159	12	8			-3.227710		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 21:02:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 101

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICV1.031
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	24526			24211.223266	**563.1177**	ng/L
Fe-Precon	54	133	138918			138784.982548	**25314.6323**	ng/L
Fe-Precon	56	2555	2913615			2911059.852453	**27168.1677**	ng/L
Fe-Precon	57	80	68364			68284.612801	**25547.8828**	ng/L
Co-Precon	59	33	36537			36503.828679	**258.5443**	ng/L
Ni-Precon	60	27	11700			11673.332649	**509.9665**	ng/L
Cu-Precon	63	311	29306			28995.526905	**522.0229**	ng/L
Cu-Precon	65	146	13514			13367.772255	**511.4937**	ng/L
Zn-Precon	66	221	10440			10218.441566	**566.4904**	ng/L
Zn-Precon	68	151	6801			6650.243466	**558.5409**	ng/L
Cd-Precon	111	4	1088			1083.631462	**54.5431**	ng/L
Cd-Precon	114	12	2913			2901.267418	**56.1855**	ng/L
Pb-Precon	208	1281	76704			75423.134526	**249.8274**	ng/L
Tb-Precon	159	12	18			6.420801		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 21:13:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.032
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1321			1006.256558	**24.4107**	ng/L
Fe-Precon	54	133	4037			3903.224800	**702.9506**	ng/L
Fe-Precon	56	2555	77633			75077.735516	**692.7783**	ng/L
Fe-Precon	57	80	2028			1947.993533	**713.0036**	ng/L
Co-Precon	59	33	23			-10.503991	**0.2472**	ng/L
Ni-Precon	60	27	53			26.022743	**-0.3309**	ng/L
Cu-Precon	63	311	656			345.707895	**5.8444**	ng/L
Cu-Precon	65	146	299			153.172733	**5.7873**	ng/L
Zn-Precon	66	221	105			-115.964865	**-5.2789**	ng/L
Zn-Precon	68	151	88			-62.724303	**-6.2703**	ng/L
Cd-Precon	111	4	1			-3.691166	**-0.0339**	ng/L
Cd-Precon	114	12	14			2.288394	**-0.2905**	ng/L
Pb-Precon	208	1281	631			-649.796718	**0.5217**	ng/L
Tb-Precon	159	12	7			-4.709965		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV2

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 21:23:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 102

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICV2.033
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3714			3398.672380	**79.9510**	ng/L
Fe-Precon	54	133	13843			13709.773289	**2492.3375**	ng/L
Fe-Precon	56	2555	264392			261836.813334	**2436.2728**	ng/L
Fe-Precon	57	80	6822			6741.915650	**2507.7360**	ng/L
Co-Precon	59	33	3734			3700.970805	**26.5016**	ng/L
Ni-Precon	60	27	1188			1161.145026	**49.4016**	ng/L
Cu-Precon	63	311	3333			3022.119161	**54.0648**	ng/L
Cu-Precon	65	146	1525			1379.069061	**52.7009**	ng/L
Zn-Precon	66	221	1549			1327.717345	**74.5954**	ng/L
Zn-Precon	68	151	1026			875.514589	**72.6706**	ng/L
Cd-Precon	111	4	97			93.063432	**4.8226**	ng/L
Cd-Precon	114	12	301			289.294297	**5.3008**	ng/L
Pb-Precon	208	1281	8353			7071.847305	**25.8270**	ng/L
Tb-Precon	159	12	8			-3.501306		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 21:34:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.034
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	667			352.200320	**9.2267**	ng/L
Fe-Precon	54	133	855			721.444543	**122.3757**	ng/L
Fe-Precon	56	2555	17056			14500.733533	**127.2600**	ng/L
Fe-Precon	57	80	472			392.674099	**130.7284**	ng/L
Co-Precon	59	33	23			-10.538626	**0.2469**	ng/L
Ni-Precon	60	27	27			0.315153	**-1.4572**	ng/L
Cu-Precon	63	311	375			64.281553	**0.7740**	ng/L
Cu-Precon	65	146	192			45.468475	**1.6656**	ng/L
Zn-Precon	66	221	106			-115.379561	**-5.2465**	ng/L
Zn-Precon	68	151	89			-61.661109	**-6.1808**	ng/L
Cd-Precon	111	4	2			-2.563038	**0.0227**	ng/L
Cd-Precon	114	12	6			-5.697755	**-0.4461**	ng/L
Pb-Precon	208	1281	562			-718.689631	**0.2959**	ng/L
Tb-Precon	159	12	5			-6.524687		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB3

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 21:44:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB3.035
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	847			531.594320	**13.3913**	ng/L
Fe-Precon	54	133	288			154.254696	**18.8813**	ng/L
Fe-Precon	56	2555	5161			2605.959015	**16.2160**	ng/L
Fe-Precon	57	80	143			63.488856	**7.4892**	ng/L
Co-Precon	59	33	32			-1.357616	**0.3119**	ng/L
Ni-Precon	60	27	28			0.488325	**-1.4496**	ng/L
Cu-Precon	63	311	262			-48.390921	**-1.2560**	ng/L
Cu-Precon	65	146	122			-24.358436	**-1.0066**	ng/L
Zn-Precon	66	221	306			84.595891	**5.8175**	ng/L
Zn-Precon	68	151	219			68.527403	**4.7729**	ng/L
Cd-Precon	111	4	3			-0.713833	**0.1155**	ng/L
Cd-Precon	114	12	8			-3.519742	**-0.4037**	ng/L
Pb-Precon	208	1281	906			-375.081883	**1.4220**	ng/L
Tb-Precon	159	12	8			-3.584422		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 21:55:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.036
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	391			76.231450	**2.8200**	ng/L
Fe-Precon	54	133	260			127.101889	**13.9268**	ng/L
Fe-Precon	56	2555	5016			2461.313166	**14.8657**	ng/L
Fe-Precon	57	80	149			69.521978	**9.7478**	ng/L
Co-Precon	59	33	20			-13.104872	**0.2288**	ng/L
Ni-Precon	60	27	16			-11.515194	**-1.9755**	ng/L
Cu-Precon	63	311	302			-8.343019	**-0.5345**	ng/L
Cu-Precon	65	146	135			-11.038991	**-0.4969**	ng/L
Zn-Precon	66	221	87			-134.070880	**-6.2806**	ng/L
Zn-Precon	68	151	74			-76.532361	**-7.4320**	ng/L
Cd-Precon	111	4	2			-1.772825	**0.0623**	ng/L
Cd-Precon	114	12	6			-5.495604	**-0.4421**	ng/L
Pb-Precon	208	1281	528			-752.798192	**0.1842**	ng/L
Tb-Precon	159	12	5			-6.306504		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL1

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 22:05:51
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 103

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-IBL1.037
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	615			300.105384	**8.0173**	ng/L
Fe-Precon	54	133	1679			1545.322369	**272.7075**	ng/L
Fe-Precon	56	2555	32236			29680.935592	**268.9752**	ng/L
Fe-Precon	57	80	845			765.631006	**270.3548**	ng/L
Co-Precon	59	33	207			173.883109	**1.5515**	ng/L
Ni-Precon	60	27	1278			1251.352621	**53.3539**	ng/L
Cu-Precon	63	311	13258			12947.024138	**232.8800**	ng/L
Cu-Precon	65	146	6110			5963.701412	**228.1491**	ng/L
Zn-Precon	66	221	79497			79275.972318	**4387.2205**	ng/L
Zn-Precon	68	151	53196			53045.275485	**4462.0945**	ng/L
Cd-Precon	111	4	24			19.633220	**1.1368**	ng/L
Cd-Precon	114	12	84			72.408677	**1.0755**	ng/L
Pb-Precon	208	1281	3629			2348.509180	**10.3477**	ng/L
Tb-Precon	159	12	14			1.974033		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 22:16:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.038
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	299			-16.244387	**0.6732**	ng/L
Fe-Precon	54	133	268			134.537674	**15.2836**	ng/L
Fe-Precon	56	2555	5033			2478.231165	**15.0236**	ng/L
Fe-Precon	57	80	157			77.889362	**12.8804**	ng/L
Co-Precon	59	33	16			-17.555104	**0.1973**	ng/L
Ni-Precon	60	27	18			-8.623415	**-1.8488**	ng/L
Cu-Precon	63	311	345			34.336591	**0.2345**	ng/L
Cu-Precon	65	146	164			17.328669	**0.5887**	ng/L
Zn-Precon	66	221	105			-116.480920	**-5.3075**	ng/L
Zn-Precon	68	151	78			-72.542662	**-7.0963**	ng/L
Cd-Precon	111	4	2			-2.501462	**0.0258**	ng/L
Cd-Precon	114	12	7			-5.159951	**-0.4356**	ng/L
Pb-Precon	208	1281	490			-790.539034	**0.0605**	ng/L
Tb-Precon	159	12	4			-8.207806		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL2
Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 22:26:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 104

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-IBL2.039
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	414			98.685583	**3.3413**	ng/L
Fe-Precon	54	133	121			-12.208053	**-11.4929**	ng/L
Fe-Precon	56	2555	2260			-295.278412	**-10.8685**	ng/L
Fe-Precon	57	80	81			1.281433	**-15.7999**	ng/L
Co-Precon	59	33	28			-4.883158	**0.2869**	ng/L
Ni-Precon	60	27	36			9.077124	**-1.0733**	ng/L
Cu-Precon	63	311	170			-140.255301	**-2.9111**	ng/L
Cu-Precon	65	146	80			-65.990812	**-2.5998**	ng/L
Zn-Precon	66	221	266			44.464513	**3.5971**	ng/L
Zn-Precon	68	151	185			33.782203	**1.8495**	ng/L
Cd-Precon	111	4	2			-2.617293	**0.0200**	ng/L
Cd-Precon	114	12	5			-6.542325	**-0.4625**	ng/L
Pb-Precon	208	1281	562			-718.923226	**0.2952**	ng/L
Tb-Precon	159	12	4			-7.961918		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 22:37:25
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.040
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	236			-78.696591	**-0.7767**	ng/L
Fe-Precon	54	133	189			55.458444	**0.8541**	ng/L
Fe-Precon	56	2555	3601			1045.853716	**1.6516**	ng/L
Fe-Precon	57	80	116			36.804155	**-2.5010**	ng/L
Co-Precon	59	33	14			-19.435633	**0.1840**	ng/L
Ni-Precon	60	27	13			-14.406979	**-2.1022**	ng/L
Cu-Precon	63	311	277			-33.934410	**-0.9955**	ng/L
Cu-Precon	65	146	122			-24.705094	**-1.0198**	ng/L
Zn-Precon	66	221	83			-138.126344	**-6.5050**	ng/L
Zn-Precon	68	151	71			-80.037052	**-7.7269**	ng/L
Cd-Precon	111	4	1			-3.061279	**-0.0023**	ng/L
Cd-Precon	114	12	6			-5.613816	**-0.4444**	ng/L
Pb-Precon	208	1281	479			-801.726851	**0.0238**	ng/L
Tb-Precon	159	12	6			-5.537673		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL3
Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 22:47:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 105

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-IBL3.041
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	315			-0.325333	**1.0427**	ng/L
Fe-Precon	54	133	120			-13.704214	**-11.7659**	ng/L
Fe-Precon	56	2555	2192			-362.585890	**-11.4969**	ng/L
Fe-Precon	57	80	80			0.602624	**-16.0540**	ng/L
Co-Precon	59	33	34			0.931582	**0.3281**	ng/L
Ni-Precon	60	27	22			-5.478808	**-1.7110**	ng/L
Cu-Precon	63	311	162			-148.477279	**-3.0592**	ng/L
Cu-Precon	65	146	81			-64.875630	**-2.5571**	ng/L
Zn-Precon	66	221	459			237.966753	**14.3030**	ng/L
Zn-Precon	68	151	324			173.126028	**13.5736**	ng/L
Cd-Precon	111	4	5			0.537003	**0.1783**	ng/L
Cd-Precon	114	12	12			0.403593	**-0.3272**	ng/L
Pb-Precon	208	1281	592			-688.853758	**0.3937**	ng/L
Tb-Precon	159	12	4			-7.761052		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 22:58:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.042
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	180			-135.239713	**-2.0893**	ng/L
Fe-Precon	54	133	147			14.147761	**-6.6838**	ng/L
Fe-Precon	56	2555	2852			297.014164	**-5.3392**	ng/L
Fe-Precon	57	80	95			15.834026	**-10.3517**	ng/L
Co-Precon	59	33	16			-17.336920	**0.1988**	ng/L
Ni-Precon	60	27	16			-10.999182	**-1.9529**	ng/L
Cu-Precon	63	311	235			-76.146030	**-1.7560**	ng/L
Cu-Precon	65	146	107			-39.098734	**-1.5707**	ng/L
Zn-Precon	66	221	83			-138.237109	**-6.5111**	ng/L
Zn-Precon	68	151	69			-81.259684	**-7.8298**	ng/L
Cd-Precon	111	4	2			-1.793859	**0.0613**	ng/L
Cd-Precon	114	12	7			-5.162102	**-0.4356**	ng/L
Pb-Precon	208	1281	460			-820.488152	**-0.0377**	ng/L
Tb-Precon	159	12	4			-8.124689		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL4

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 23:08:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 106

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-IBL4.043
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	253			-62.241748	**-0.3947**	ng/L
Fe-Precon	54	133	120			-13.267879	**-11.6863**	ng/L
Fe-Precon	56	2555	2239			-316.097421	**-11.0629**	ng/L
Fe-Precon	57	80	79			-0.329036	**-16.4028**	ng/L
Co-Precon	59	33	26			-7.456357	**0.2687**	ng/L
Ni-Precon	60	27	20			-6.829466	**-1.7702**	ng/L
Cu-Precon	63	311	181			-129.293557	**-2.7136**	ng/L
Cu-Precon	65	146	82			-64.532780	**-2.5440**	ng/L
Zn-Precon	66	221	163			-58.913012	**-2.1224**	ng/L
Zn-Precon	68	151	121			-30.176067	**-3.5317**	ng/L
Cd-Precon	111	4	1			-3.198036	**-0.0092**	ng/L
Cd-Precon	114	12	6			-5.671673	**-0.4456**	ng/L
Pb-Precon	208	1281	517			-764.080112	**0.1472**	ng/L
Tb-Precon	159	12	5			-6.770574		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 23:19:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.044
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	137			-178.604066	**-3.0960**	ng/L
Fe-Precon	54	133	140			6.916226	**-8.0033**	ng/L
Fe-Precon	56	2555	2777			222.196835	**-6.0376**	ng/L
Fe-Precon	57	80	89			9.284966	**-12.8035**	ng/L
Co-Precon	59	33	15			-17.877187	**0.1950**	ng/L
Ni-Precon	60	27	14			-12.765418	**-2.0303**	ng/L
Cu-Precon	63	311	227			-83.994048	**-1.8974**	ng/L
Cu-Precon	65	146	102			-44.013057	**-1.7587**	ng/L
Zn-Precon	66	221	81			-140.038114	**-6.6108**	ng/L
Zn-Precon	68	151	68			-82.291692	**-7.9166**	ng/L
Cd-Precon	111	4	2			-1.938203	**0.0540**	ng/L
Cd-Precon	114	12	6			-5.397339	**-0.4402**	ng/L
Pb-Precon	208	1281	425			-855.826012	**-0.1535**	ng/L
Tb-Precon	159	12	6			-6.202608		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-SCV1

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 23:30:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 107

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-SCV1.045
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	121483			121167.410678	**2813.9713**	ng/L
Fe-Precon	54	133	3957			3823.815200	**688.4608**	ng/L
Fe-Precon	56	2555	86100			83544.771057	**771.8225**	ng/L
Fe-Precon	57	80	7814			7734.523013	**2879.3450**	ng/L
Co-Precon	59	33	6775			6741.645555	**48.0109**	ng/L
Ni-Precon	60	27	31994			31967.352986	**1399.0976**	ng/L
Cu-Precon	63	311	89483			89172.271458	**1606.2162**	ng/L
Cu-Precon	65	146	42394			42247.480076	**1616.6844**	ng/L
Zn-Precon	66	221	3971			3750.020396	**208.6136**	ng/L
Zn-Precon	68	151	2242			2091.712335	**174.9983**	ng/L
Cd-Precon	111	4	929			924.660438	**46.5637**	ng/L
Cd-Precon	114	12	2491			2479.115490	**47.9614**	ng/L
Pb-Precon	208	1281	2601			1320.504940	**6.9788**	ng/L
Tb-Precon	159	12	841			829.288311		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 23:40:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.046
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	771			455.663830	**11.6286**	ng/L
Fe-Precon	54	133	171			37.861062	**-2.3568**	ng/L
Fe-Precon	56	2555	3565			1009.910491	**1.3161**	ng/L
Fe-Precon	57	80	122			42.244879	**-0.4641**	ng/L
Co-Precon	59	33	13			-20.363776	**0.1774**	ng/L
Ni-Precon	60	27	107			79.987318	**2.0335**	ng/L
Cu-Precon	63	311	1047			736.545124	**12.8861**	ng/L
Cu-Precon	65	146	487			340.327293	**12.9495**	ng/L
Zn-Precon	66	221	88			-133.655359	**-6.2577**	ng/L
Zn-Precon	68	151	65			-86.177435	**-8.2435**	ng/L
Cd-Precon	111	4	-2			-6.068918	**-0.1533**	ng/L
Cd-Precon	114	12	-3			-14.898203	**-0.6253**	ng/L
Pb-Precon	208	1281	417			-863.785082	**-0.1796**	ng/L
Tb-Precon	159	12	30			17.911797		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-SCV2

Sample Description:
Batch ID:

Sample Date/Time: Friday, December 21, 2012 23:51:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 160

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-SCV2.047
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	53982			53666.979582	**1246.9379**	ng/L
Fe-Precon	54	133	7377			7244.076471	**1312.5510**	ng/L
Fe-Precon	56	2555	163318			160762.872245	**1492.6943**	ng/L
Fe-Precon	57	80	15794			15714.536552	**5866.8755**	ng/L
Co-Precon	59	33	13087			13053.209772	**92.6580**	ng/L
Ni-Precon	60	27	9171			9144.218952	**399.1598**	ng/L
Cu-Precon	63	311	20053			19742.061631	**355.3049**	ng/L
Cu-Precon	65	146	9578			9431.984227	**360.8760**	ng/L
Zn-Precon	66	221	14094			13873.052517	**768.6882**	ng/L
Zn-Precon	68	151	9272			9121.614055	**766.4753**	ng/L
Cd-Precon	111	4	319			314.626682	**15.9437**	ng/L
Cd-Precon	114	12	892			880.600806	**16.8202**	ng/L
Pb-Precon	208	1281	3132			1851.547275	**8.7191**	ng/L
Tb-Precon	159	12	1119			1107.133389		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 00:01:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.048
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	439			123.860904	**3.9257**	ng/L
Fe-Precon	54	133	489			355.869572	**55.6697**	ng/L
Fe-Precon	56	2555	9012			6457.108387	**52.1685**	ng/L
Fe-Precon	57	80	272			192.003332	**55.6020**	ng/L
Co-Precon	59	33	18			-15.213974	**0.2138**	ng/L
Ni-Precon	60	27	42			14.542102	**-0.8339**	ng/L
Cu-Precon	63	311	511			200.208806	**3.2230**	ng/L
Cu-Precon	65	146	223			76.902057	**2.8685**	ng/L
Zn-Precon	66	221	85			-136.896876	**-6.4370**	ng/L
Zn-Precon	68	151	70			-80.414598	**-7.7587**	ng/L
Cd-Precon	111	4	-5			-9.380471	**-0.3195**	ng/L
Cd-Precon	114	12	-6			-17.966835	**-0.6851**	ng/L
Pb-Precon	208	1281	416			-864.467818	**-0.1818**	ng/L
Tb-Precon	159	12	62			50.483621		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV1

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 00:12:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV1.049
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	10428			10112.687413	**235.8179**	ng/L
Fe-Precon	54	133	2606			2472.442885	**441.8778**	ng/L
Fe-Precon	56	2555	50168			47612.933826	**436.3799**	ng/L
Fe-Precon	57	80	1336			1256.834357	**454.2498**	ng/L
Co-Precon	59	33	14242			14208.439455	**100.8299**	ng/L
Ni-Precon	60	27	2260			2232.862539	**96.3562**	ng/L
Cu-Precon	63	311	5924			5613.514841	**100.7535**	ng/L
Cu-Precon	65	146	2770			2623.656783	**100.3297**	ng/L
Zn-Precon	66	221	9595			9373.542861	**519.7449**	ng/L
Zn-Precon	68	151	6382			6231.492528	**523.3083**	ng/L
Cd-Precon	111	4	2015			2011.182424	**101.1006**	ng/L
Cd-Precon	114	12	5302			5290.181116	**102.7248**	ng/L
Pb-Precon	208	1281	29854			28573.515557	**96.2922**	ng/L
Tb-Precon	159	12	39			27.369880		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 00:22:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.050
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	230			-84.740144	**-0.9170**	ng/L
Fe-Precon	54	133	233			99.845241	**8.9533**	ng/L
Fe-Precon	56	2555	4278			1723.218640	**7.9752**	ng/L
Fe-Precon	57	80	123			43.235573	**-0.0932**	ng/L
Co-Precon	59	33	15			-18.587143	**0.1900**	ng/L
Ni-Precon	60	27	22			-4.782697	**-1.6805**	ng/L
Cu-Precon	63	311	282			-28.926214	**-0.9053**	ng/L
Cu-Precon	65	146	134			-12.327466	**-0.5462**	ng/L
Zn-Precon	66	221	81			-140.290739	**-6.6248**	ng/L
Zn-Precon	68	151	63			-87.545423	**-8.3586**	ng/L
Cd-Precon	111	4	0			-3.852611	**-0.0420**	ng/L
Cd-Precon	114	12	5			-6.470584	**-0.4611**	ng/L
Pb-Precon	208	1281	396			-884.479372	**-0.2474**	ng/L
Tb-Precon	159	12	9			-2.507364		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB1

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 00:33:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB1.051
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	224			-91.105717	**-1.0648**	ng/L
Fe-Precon	54	133	124			-9.610612	**-11.0189**	ng/L
Fe-Precon	56	2555	2416			-139.076137	**-9.4103**	ng/L
Fe-Precon	57	80	80			0.076168	**-16.2511**	ng/L
Co-Precon	59	33	25			-8.017391	**0.2648**	ng/L
Ni-Precon	60	27	22			-4.713435	**-1.6775**	ng/L
Cu-Precon	63	311	203			-108.156622	**-2.3328**	ng/L
Cu-Precon	65	146	97			-49.034465	**-1.9509**	ng/L
Zn-Precon	66	221	173			-48.588158	**-1.5512**	ng/L
Zn-Precon	68	151	127			-23.474339	**-2.9679**	ng/L
Cd-Precon	111	4	0			-3.785556	**-0.0387**	ng/L
Cd-Precon	114	12	8			-3.512362	**-0.4035**	ng/L
Pb-Precon	208	1281	590			-690.383076	**0.3887**	ng/L
Tb-Precon	159	12	15			2.988761		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BLK1

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 00:43:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 108

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BLK1.052
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	226			-89.561030	**-1.0289**	ng/L
Fe-Precon	54	133	335			201.552513	**27.5117**	ng/L
Fe-Precon	56	2555	6568			4013.113436	**29.3526**	ng/L
Fe-Precon	57	80	192			112.300988	**25.7633**	ng/L
Co-Precon	59	33	26			-6.905708	**0.2726**	ng/L
Ni-Precon	60	27	24			-2.877931	**-1.5971**	ng/L
Cu-Precon	63	311	297			-13.963362	**-0.6357**	ng/L
Cu-Precon	65	146	146			-0.475050	**-0.0926**	ng/L
Zn-Precon	66	221	423			201.826787	**12.3035**	ng/L
Zn-Precon	68	151	299			147.778915	**11.4409**	ng/L
Cd-Precon	111	4	3			-1.633399	**0.0693**	ng/L
Cd-Precon	114	12	6			-5.694285	**-0.4460**	ng/L
Pb-Precon	208	1281	418			-863.117919	**-0.1774**	ng/L
Tb-Precon	159	12	10			-1.329868		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BLK2

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 00:54:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 109

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BLK2.053
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	184			-131.530392	**-2.0032**	ng/L
Fe-Precon	54	133	318			184.615637	**24.4213**	ng/L
Fe-Precon	56	2555	6161			3605.602451	**25.5482**	ng/L
Fe-Precon	57	80	181			101.021113	**21.5404**	ng/L
Co-Precon	59	33	27			-6.168035	**0.2778**	ng/L
Ni-Precon	60	27	26			-1.170563	**-1.5223**	ng/L
Cu-Precon	63	311	354			43.350317	**0.3969**	ng/L
Cu-Precon	65	146	167			21.043519	**0.7309**	ng/L
Zn-Precon	66	221	413			191.843987	**11.7512**	ng/L
Zn-Precon	68	151	291			140.055808	**10.7911**	ng/L
Cd-Precon	111	4	0			-3.811244	**-0.0400**	ng/L
Cd-Precon	114	12	10			-1.438513	**-0.3631**	ng/L
Pb-Precon	208	1281	581			-699.979519	**0.3573**	ng/L
Tb-Precon	159	12	7			-4.505634		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BLK3
Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 01:04:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 110

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BLK3.054
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	166			-149.518933	**-2.4208**	ng/L
Fe-Precon	54	133	605			471.244281	**76.7220**	ng/L
Fe-Precon	56	2555	11647			9092.270243	**76.7692**	ng/L
Fe-Precon	57	80	307			227.559715	**68.9134**	ng/L
Co-Precon	59	33	30			-3.002639	**0.3002**	ng/L
Ni-Precon	60	27	32			4.661502	**-1.2668**	ng/L
Cu-Precon	63	311	522			211.043367	**3.4182**	ng/L
Cu-Precon	65	146	242			95.858089	**3.5940**	ng/L
Zn-Precon	66	221	168			-53.516530	**-1.8238**	ng/L
Zn-Precon	68	151	124			-26.982680	**-3.2631**	ng/L
Cd-Precon	111	4	2			-2.100753	**0.0459**	ng/L
Cd-Precon	114	12	7			-5.185195	**-0.4361**	ng/L
Pb-Precon	208	1281	414			-867.062333	**-0.1903**	ng/L
Tb-Precon	159	12	5			-6.607803		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BLK4
Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 01:15:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 111

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BLK4.055
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	207			-108.360639	**-1.4653**	ng/L
Fe-Precon	54	133	324			190.538503	**25.5020**	ng/L
Fe-Precon	56	2555	6279			3723.778760	**26.6515**	ng/L
Fe-Precon	57	80	182			102.267693	**22.0070**	ng/L
Co-Precon	59	33	25			-7.955068	**0.2652**	ng/L
Ni-Precon	60	27	12			-14.853731	**-2.1218**	ng/L
Cu-Precon	63	311	312			1.293184	**-0.3608**	ng/L
Cu-Precon	65	146	141			-5.396482	**-0.2809**	ng/L
Zn-Precon	66	221	162			-59.362994	**-2.1473**	ng/L
Zn-Precon	68	151	120			-31.090264	**-3.6087**	ng/L
Cd-Precon	111	4	2			-2.403493	**0.0307**	ng/L
Cd-Precon	114	12	10			-1.738252	**-0.3689**	ng/L
Pb-Precon	208	1281	428			-853.275202	**-0.1451**	ng/L
Tb-Precon	159	12	5			-6.687458		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BSD

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 01:25:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 112

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BSD.056
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2492			2176.680367	**51.5823**	ng/L
Fe-Precon	54	133	10774			10640.624853	**1932.3143**	ng/L
Fe-Precon	56	2555	206535			203979.990599	**1896.1489**	ng/L
Fe-Precon	57	80	5349			5269.706320	**1956.5752**	ng/L
Co-Precon	59	33	5757			5723.698081	**40.8101**	ng/L
Ni-Precon	60	27	1849			1822.422064	**78.3738**	ng/L
Cu-Precon	63	311	4527			4216.118680	**75.5769**	ng/L
Cu-Precon	65	146	2101			1954.870494	**74.7361**	ng/L
Zn-Precon	66	221	3352			3130.337446	**174.3285**	ng/L
Zn-Precon	68	151	2312			2161.109149	**180.8371**	ng/L
Cd-Precon	111	4	82			77.627285	**4.0478**	ng/L
Cd-Precon	114	12	313			301.598443	**5.5405**	ng/L
Pb-Precon	208	1281	4156			2875.019927	**12.0732**	ng/L
Tb-Precon	159	12	10			-1.454548		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BSE

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 01:36:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 113

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BSE.057
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	595			279.464468	**7.5381**	ng/L
Fe-Precon	54	133	2086			1952.376212	**346.9820**	ng/L
Fe-Precon	56	2555	40897			38341.475659	**349.8259**	ng/L
Fe-Precon	57	80	1042			962.522149	**344.0662**	ng/L
Co-Precon	59	33	1200			1166.988063	**8.5766**	ng/L
Ni-Precon	60	27	472			444.544529	**18.0056**	ng/L
Cu-Precon	63	311	1943			1632.031639	**29.0199**	ng/L
Cu-Precon	65	146	903			756.574747	**28.8788**	ng/L
Zn-Precon	66	221	2462			2240.476379	**125.0954**	ng/L
Zn-Precon	68	151	1679			1528.576992	**127.6176**	ng/L
Cd-Precon	111	4	23			18.454667	**1.0776**	ng/L
Cd-Precon	114	12	72			60.290569	**0.8395**	ng/L
Pb-Precon	208	1281	2440			1159.360496	**6.4507**	ng/L
Tb-Precon	159	12	4			-8.207805		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BSF

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 01:46:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 114

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BSF.058
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3394			3079.011423	**72.5300**	ng/L
Fe-Precon	54	133	13733			13599.690469	**2472.2508**	ng/L
Fe-Precon	56	2555	265424			262868.645632	**2445.9055**	ng/L
Fe-Precon	57	80	6924			6844.165940	**2546.0161**	ng/L
Co-Precon	59	33	8002			7968.595549	**56.6902**	ng/L
Ni-Precon	60	27	2517			2489.739525	**107.6106**	ng/L
Cu-Precon	63	311	3555			3244.029722	**58.0629**	ng/L
Cu-Precon	65	146	1597			1450.253153	**55.4250**	ng/L
Zn-Precon	66	221	2533			2311.557345	**129.0281**	ng/L
Zn-Precon	68	151	1690			1539.225570	**128.5135**	ng/L
Cd-Precon	111	4	118			113.344148	**5.8405**	ng/L
Cd-Precon	114	12	337			325.613084	**6.0083**	ng/L
Pb-Precon	208	1281	4722			3440.905227	**13.9277**	ng/L
Tb-Precon	159	12	7			-4.689188		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV2

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 01:57:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV2.059
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	10190			9875.120119	**230.3028**	ng/L
Fe-Precon	54	133	2951			2818.015541	**504.9340**	ng/L
Fe-Precon	56	2555	56430			53874.598469	**494.8358**	ng/L
Fe-Precon	57	80	1463			1383.508802	**501.6738**	ng/L
Co-Precon	59	33	14643			14609.196909	**103.6648**	ng/L
Ni-Precon	60	27	2262			2234.850084	**96.4433**	ng/L
Cu-Precon	63	311	6183			5872.003461	**105.4107**	ng/L
Cu-Precon	65	146	2894			2748.120078	**105.0928**	ng/L
Zn-Precon	66	221	9897			9675.125115	**536.4305**	ng/L
Zn-Precon	68	151	6630			6479.407898	**544.1672**	ng/L
Cd-Precon	111	4	2094			2089.746061	**105.0441**	ng/L
Cd-Precon	114	12	5346			5334.390302	**103.5861**	ng/L
Pb-Precon	208	1281	30274			28993.025088	**97.6670**	ng/L
Tb-Precon	159	12	3			-8.789625		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB2

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 02:07:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB2.060
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	360			45.254715	**2.1009**	ng/L
Fe-Precon	54	133	266			132.872155	**14.9797**	ng/L
Fe-Precon	56	2555	5140			2584.665285	**16.0172**	ng/L
Fe-Precon	57	80	164			84.015963	**15.1740**	ng/L
Co-Precon	59	33	65			31.401290	**0.5436**	ng/L
Ni-Precon	60	27	34			7.071925	**-1.1611**	ng/L
Cu-Precon	63	311	328			17.496080	**-0.0689**	ng/L
Cu-Precon	65	146	149			2.306151	**0.0139**	ng/L
Zn-Precon	66	221	208			-13.251180	**0.4039**	ng/L
Zn-Precon	68	151	153			2.573469	**-0.7763**	ng/L
Cd-Precon	111	4	9			5.121271	**0.4084**	ng/L
Cd-Precon	114	12	21			9.518120	**-0.1497**	ng/L
Pb-Precon	208	1281	555			-726.006741	**0.2720**	ng/L
Tb-Precon	159	12	5			-6.936808		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BS9

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 02:18:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 115

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BS9.061
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	10973			10657.639195	**248.4691**	ng/L
Fe-Precon	54	133	48531			48397.366636	**8821.7331**	ng/L
Fe-Precon	56	2555	964960			962405.299270	**8976.4493**	ng/L
Fe-Precon	57	80	23955			23875.642237	**8922.2026**	ng/L
Co-Precon	59	33	25817			25783.442175	**182.7098**	ng/L
Ni-Precon	60	27	8099			8072.403844	**352.2009**	ng/L
Cu-Precon	63	311	12128			11817.290199	**212.5258**	ng/L
Cu-Precon	65	146	5582			5435.981879	**207.9539**	ng/L
Zn-Precon	66	221	7877			7655.775720	**424.7064**	ng/L
Zn-Precon	68	151	5207			5056.099391	**424.4138**	ng/L
Cd-Precon	111	4	385			380.928154	**19.2716**	ng/L
Cd-Precon	114	12	1079			1067.446933	**20.4602**	ng/L
Pb-Precon	208	1281	14193			12912.224755	**44.9671**	ng/L
Tb-Precon	159	12	15			3.148066		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BSA

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 02:28:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 116

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BSA.062
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	12780			12464.970090	**290.4266**	ng/L
Fe-Precon	54	133	56160			56026.471933	**10213.8050**	ng/L
Fe-Precon	56	2555	1145311			1142756.409658	**10660.1221**	ng/L
Fe-Precon	57	80	28175			28095.420243	**10501.9888**	ng/L
Co-Precon	59	33	30210			30176.972381	**213.7890**	ng/L
Ni-Precon	60	27	9345			9317.619465	**406.7569**	ng/L
Cu-Precon	63	311	13604			13293.181220	**239.1166**	ng/L
Cu-Precon	65	146	6260			6113.807182	**233.8934**	ng/L
Zn-Precon	66	221	9188			8966.711001	**497.2362**	ng/L
Zn-Precon	68	151	6122			5970.968312	**501.3885**	ng/L
Cd-Precon	111	4	441			436.542903	**22.0632**	ng/L
Cd-Precon	114	12	1254			1242.252325	**23.8657**	ng/L
Pb-Precon	208	1281	16472			15191.598818	**52.4370**	ng/L
Tb-Precon	159	12	18			6.330757		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BSB
Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 02:39:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 117

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BSB.063
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	12758			12443.166105	**289.9204**	ng/L
Fe-Precon	54	133	56973			56839.660233	**10362.1863**	ng/L
Fe-Precon	56	2555	1153552			1150996.494747	**10737.0476**	ng/L
Fe-Precon	57	80	28197			28117.790216	**10510.3636**	ng/L
Co-Precon	59	33	30021			29987.809085	**212.4509**	ng/L
Ni-Precon	60	27	9448			9420.503275	**411.2645**	ng/L
Cu-Precon	63	311	13684			13373.007226	**240.5549**	ng/L
Cu-Precon	65	146	6206			6060.070129	**231.8370**	ng/L
Zn-Precon	66	221	9085			8863.935489	**491.5500**	ng/L
Zn-Precon	68	151	6011			5859.855141	**492.0397**	ng/L
Cd-Precon	111	4	434			429.447335	**21.7070**	ng/L
Cd-Precon	114	12	1264			1252.001549	**24.0556**	ng/L
Pb-Precon	208	1281	16242			14961.683117	**51.6836**	ng/L
Tb-Precon	159	12	16			4.238979		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122194-BSC

Sample Description:
Batch ID: B122194

Sample Date/Time: Saturday, December 22, 2012 02:49:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 118

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122194-BSC.064
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	12571			12256.141731	**285.5786**	ng/L
Fe-Precon	54	133	56364			56230.368328	**10251.0097**	ng/L
Fe-Precon	56	2555	1150278			1147722.632686	**10706.4844**	ng/L
Fe-Precon	57	80	28457			28377.448271	**10607.5735**	ng/L
Co-Precon	59	33	30218			30184.428697	**213.8418**	ng/L
Ni-Precon	60	27	9458			9430.506615	**411.7028**	ng/L
Cu-Precon	63	311	13779			13468.716216	**242.2792**	ng/L
Cu-Precon	65	146	6345			6198.790804	**237.1457**	ng/L
Zn-Precon	66	221	9030			8808.362603	**488.4753**	ng/L
Zn-Precon	68	151	5948			5797.560874	**486.7984**	ng/L
Cd-Precon	111	4	423			418.685727	**21.1668**	ng/L
Cd-Precon	114	12	1259			1247.598095	**23.9698**	ng/L
Pb-Precon	208	1281	16290			15009.512206	**51.8403**	ng/L
Tb-Precon	159	12	20			7.802626		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 03:00:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.065
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	84			-230.865131	**-4.3093**	ng/L
Fe-Precon	54	133	1137			1004.034581	**173.9395**	ng/L
Fe-Precon	56	2555	21684			19128.721998	**170.4647**	ng/L
Fe-Precon	57	80	585			505.241506	**172.8710**	ng/L
Co-Precon	59	33	19			-14.362019	**0.2199**	ng/L
Ni-Precon	60	27	34			6.801770	**-1.1730**	ng/L
Cu-Precon	63	311	301			-9.225526	**-0.5504**	ng/L
Cu-Precon	65	146	142			-4.427522	**-0.2438**	ng/L
Zn-Precon	66	221	74			-147.736749	**-7.0367**	ng/L
Zn-Precon	68	151	71			-80.147978	**-7.7362**	ng/L
Cd-Precon	111	4	0			-3.937669	**-0.0463**	ng/L
Cd-Precon	114	12	13			1.009414	**-0.3154**	ng/L
Pb-Precon	208	1281	269			-1012.181194	**-0.6659**	ng/L
Tb-Precon	159	12	3			-8.332480		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV3

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 03:10:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV3.066
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	10042			9726.567669	**226.8541**	ng/L
Fe-Precon	54	133	2710			2576.283181	**460.8254**	ng/L
Fe-Precon	56	2555	51894			49339.176941	**452.4953**	ng/L
Fe-Precon	57	80	1338			1258.252604	**454.7808**	ng/L
Co-Precon	59	33	14659			14626.121134	**103.7845**	ng/L
Ni-Precon	60	27	2204			2176.894981	**93.9042**	ng/L
Cu-Precon	63	311	6182			5871.538508	**105.4023**	ng/L
Cu-Precon	65	146	2872			2725.628561	**104.2320**	ng/L
Zn-Precon	66	221	10017			9795.860743	**543.1104**	ng/L
Zn-Precon	68	151	6697			6546.737114	**549.8321**	ng/L
Cd-Precon	111	4	2075			2070.466797	**104.0764**	ng/L
Cd-Precon	114	12	5318			5306.206661	**103.0370**	ng/L
Pb-Precon	208	1281	30384			29103.043872	**98.0275**	ng/L
Tb-Precon	159	12	3			-9.073607		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 03:21:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.067
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	156			-159.313278	**-2.6482**	ng/L
Fe-Precon	54	133	348			214.599960	**29.8924**	ng/L
Fe-Precon	56	2555	6618			4063.200627	**29.8202**	ng/L
Fe-Precon	57	80	182			102.357980	**22.0408**	ng/L
Co-Precon	59	33	13			-20.474592	**0.1766**	ng/L
Ni-Precon	60	27	18			-8.706522	**-1.8524**	ng/L
Cu-Precon	63	311	240			-70.330583	**-1.6513**	ng/L
Cu-Precon	65	146	100			-46.645148	**-1.8595**	ng/L
Zn-Precon	66	221	75			-146.912628	**-6.9911**	ng/L
Zn-Precon	68	151	66			-84.380060	**-8.0923**	ng/L
Cd-Precon	111	4	1			-2.757453	**0.0129**	ng/L
Cd-Precon	114	12	9			-3.068721	**-0.3949**	ng/L
Pb-Precon	208	1281	251			-1029.494529	**-0.7226**	ng/L
Tb-Precon	159	12	2			-9.980968		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB3

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 03:31:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB3.068
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	148			-166.648481	**-2.8185**	ng/L
Fe-Precon	54	133	170			36.565906	**-2.5932**	ng/L
Fe-Precon	56	2555	3105			550.008094	**-2.9774**	ng/L
Fe-Precon	57	80	99			19.508541	**-8.9760**	ng/L
Co-Precon	59	33	23			-10.084949	**0.2501**	ng/L
Ni-Precon	60	27	24			-3.044168	**-1.6044**	ng/L
Cu-Precon	63	311	167			-143.808795	**-2.9751**	ng/L
Cu-Precon	65	146	78			-68.695634	**-2.7033**	ng/L
Zn-Precon	66	221	159			-62.334622	**-2.3117**	ng/L
Zn-Precon	68	151	130			-20.482220	**-2.7161**	ng/L
Cd-Precon	111	4	2			-2.043598	**0.0488**	ng/L
Cd-Precon	114	12	9			-2.676594	**-0.3872**	ng/L
Pb-Precon	208	1281	424			-856.390868	**-0.1553**	ng/L
Tb-Precon	159	12	4			-7.844169		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 03:42:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.069
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	57			-258.131422	**-4.9423**	ng/L
Fe-Precon	54	133	181			47.683503	**-0.5646**	ng/L
Fe-Precon	56	2555	3398			843.130546	**-0.2409**	ng/L
Fe-Precon	57	80	108			27.965947	**-5.8098**	ng/L
Co-Precon	59	33	12			-21.499707	**0.1694**	ng/L
Ni-Precon	60	27	11			-15.619103	**-2.1553**	ng/L
Cu-Precon	63	311	228			-82.376559	**-1.8683**	ng/L
Cu-Precon	65	146	106			-39.999154	**-1.6051**	ng/L
Zn-Precon	66	221	75			-146.046878	**-6.9432**	ng/L
Zn-Precon	68	151	67			-83.985273	**-8.0591**	ng/L
Cd-Precon	111	4	2			-2.044016	**0.0487**	ng/L
Cd-Precon	114	12	8			-4.105498	**-0.4151**	ng/L
Pb-Precon	208	1281	233			-1047.472591	**-0.7815**	ng/L
Tb-Precon	159	12	3			-8.630317		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-BLK1

Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 03:52:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 119

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-BLK1.070
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	101			-213.863870	**-3.9146**	ng/L
Fe-Precon	54	133	1317			1183.554999	**206.6963**	ng/L
Fe-Precon	56	2555	25455			22900.075625	**205.6723**	ng/L
Fe-Precon	57	80	664			584.573632	**202.5711**	ng/L
Co-Precon	59	33	28			-5.222567	**0.2845**	ng/L
Ni-Precon	60	27	62			34.930240	**0.0594**	ng/L
Cu-Precon	63	311	657			346.604634	**5.8606**	ng/L
Cu-Precon	65	146	217			71.026441	**2.6437**	ng/L
Zn-Precon	66	221	7248			7026.413761	**389.8858**	ng/L
Zn-Precon	68	151	4942			4791.289336	**402.1334**	ng/L
Cd-Precon	111	4	5			0.342768	**0.1685**	ng/L
Cd-Precon	114	12	13			1.616447	**-0.3036**	ng/L
Pb-Precon	208	1281	549			-731.895885	**0.2527**	ng/L
Tb-Precon	159	12	3			-8.304775		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 04:03:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.071
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	48			-267.509912	**-5.1600**	ng/L
Fe-Precon	54	133	204			71.126938	**3.7131**	ng/L
Fe-Precon	56	2555	3998			1442.956150	**5.3588**	ng/L
Fe-Precon	57	80	126			46.674684	**1.1943**	ng/L
Co-Precon	59	33	14			-19.362907	**0.1845**	ng/L
Ni-Precon	60	27	10			-16.886637	**-2.2108**	ng/L
Cu-Precon	63	311	210			-100.670175	**-2.1979**	ng/L
Cu-Precon	65	146	100			-46.319669	**-1.8470**	ng/L
Zn-Precon	66	221	70			-151.570712	**-7.2489**	ng/L
Zn-Precon	68	151	71			-79.479563	**-7.6800**	ng/L
Cd-Precon	111	4	1			-3.315263	**-0.0151**	ng/L
Cd-Precon	114	12	6			-6.123136	**-0.4544**	ng/L
Pb-Precon	208	1281	224			-1057.048604	**-0.8129**	ng/L
Tb-Precon	159	12	4			-8.121226		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-BLK2
Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 04:13:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 120

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-BLK2.072
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	86			-229.019217	**-4.2664**	ng/L
Fe-Precon	54	133	499			366.078226	**57.5325**	ng/L
Fe-Precon	56	2555	10033			7478.007481	**61.6992**	ng/L
Fe-Precon	57	80	275			195.124631	**56.7705**	ng/L
Co-Precon	59	33	24			-9.329936	**0.2555**	ng/L
Ni-Precon	60	27	38			10.458983	**-1.0128**	ng/L
Cu-Precon	63	311	595			284.585355	**4.7432**	ng/L
Cu-Precon	65	146	190			44.088504	**1.6128**	ng/L
Zn-Precon	66	221	6032			5810.944315	**322.6378**	ng/L
Zn-Precon	68	151	4074			3923.203195	**329.0950**	ng/L
Cd-Precon	111	4	2			-2.190877	**0.0414**	ng/L
Cd-Precon	114	12	9			-3.006696	**-0.3937**	ng/L
Pb-Precon	208	1281	399			-881.687148	**-0.2382**	ng/L
Tb-Precon	159	12	3			-8.446767		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 04:24:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.073
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	37			-278.190540	**-5.4080**	ng/L
Fe-Precon	54	133	160			26.917308	**-4.3537**	ng/L
Fe-Precon	56	2555	2952			397.404344	**-4.4020**	ng/L
Fe-Precon	57	80	102			22.358950	**-7.9089**	ng/L
Co-Precon	59	33	11			-21.970695	**0.1660**	ng/L
Ni-Precon	60	27	11			-15.747241	**-2.1609**	ng/L
Cu-Precon	63	311	178			-132.432491	**-2.7701**	ng/L
Cu-Precon	65	146	95			-51.452148	**-2.0434**	ng/L
Zn-Precon	66	221	79			-142.735950	**-6.7601**	ng/L
Zn-Precon	68	151	62			-88.774857	**-8.4621**	ng/L
Cd-Precon	111	4	0			-3.805917	**-0.0397**	ng/L
Cd-Precon	114	12	6			-5.338872	**-0.4391**	ng/L
Pb-Precon	208	1281	222			-1058.448031	**-0.8175**	ng/L
Tb-Precon	159	12	2			-9.419928		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-BLK3
Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 04:34:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 121

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-BLK3.074
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	101			-214.030156	**-3.9185**	ng/L
Fe-Precon	54	133	982			848.768278	**145.6082**	ng/L
Fe-Precon	56	2555	19047			16491.679003	**145.8466**	ng/L
Fe-Precon	57	80	514			433.981995	**146.1931**	ng/L
Co-Precon	59	33	40			6.749834	**0.3692**	ng/L
Ni-Precon	60	27	110			83.256833	**2.1767**	ng/L
Cu-Precon	63	311	671			360.681673	**6.1142**	ng/L
Cu-Precon	65	146	237			90.976697	**3.4072**	ng/L
Zn-Precon	66	221	7244			7022.071910	**389.6456**	ng/L
Zn-Precon	68	151	4828			4677.479547	**392.5578**	ng/L
Cd-Precon	111	4	4			-0.268261	**0.1379**	ng/L
Cd-Precon	114	12	13			1.666269	**-0.3026**	ng/L
Pb-Precon	208	1281	484			-796.737194	**0.0402**	ng/L
Tb-Precon	159	12	8			-4.065809		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 04:45:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.075
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	39			-275.884005	**-5.3544**	ng/L
Fe-Precon	54	133	228			94.848022	**8.0415**	ng/L
Fe-Precon	56	2555	4487			1932.067728	**9.9249**	ng/L
Fe-Precon	57	80	128			48.302489	**1.8037**	ng/L
Co-Precon	59	33	12			-21.049489	**0.1726**	ng/L
Ni-Precon	60	27	10			-17.520402	**-2.2386**	ng/L
Cu-Precon	63	311	268			-42.973141	**-1.1584**	ng/L
Cu-Precon	65	146	121			-25.598662	**-1.0540**	ng/L
Zn-Precon	66	221	79			-142.309878	**-6.7365**	ng/L
Zn-Precon	68	151	64			-86.766209	**-8.2931**	ng/L
Cd-Precon	111	4	1			-3.119865	**-0.0053**	ng/L
Cd-Precon	114	12	4			-7.239660	**-0.4761**	ng/L
Pb-Precon	208	1281	206			-1074.406893	**-0.8698**	ng/L
Tb-Precon	159	12	3			-9.194820		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-BLK4
Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 04:55:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 122

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-BLK4.076
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	75			-239.883454	**-4.5187**	ng/L
Fe-Precon	54	133	1477			1343.632028	**235.9053**	ng/L
Fe-Precon	56	2555	28465			25910.035282	**233.7719**	ng/L
Fe-Precon	57	80	771			691.551382	**242.6211**	ng/L
Co-Precon	59	33	1449			1416.062395	**10.3385**	ng/L
Ni-Precon	60	27	107			79.994354	**2.0338**	ng/L
Cu-Precon	63	311	825			514.146867	**8.8792**	ng/L
Cu-Precon	65	146	231			84.805174	**3.1710**	ng/L
Zn-Precon	66	221	4875			4653.523242	**258.6015**	ng/L
Zn-Precon	68	151	3282			3131.003259	**262.4414**	ng/L
Cd-Precon	111	4	3			-0.847586	**0.1088**	ng/L
Cd-Precon	114	12	9			-3.132466	**-0.3961**	ng/L
Pb-Precon	208	1281	460			-821.021050	**-0.0394**	ng/L
Tb-Precon	159	12	15			3.657166		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 05:06:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.077
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	28			-287.326543	**-5.6201**	ng/L
Fe-Precon	54	133	196			62.246801	**2.0928**	ng/L
Fe-Precon	56	2555	3646			1091.374762	**2.0766**	ng/L
Fe-Precon	57	80	119			39.162788	**-1.6180**	ng/L
Co-Precon	59	33	15			-18.559443	**0.1902**	ng/L
Ni-Precon	60	27	10			-17.077114	**-2.2192**	ng/L
Cu-Precon	63	311	214			-96.714815	**-2.1266**	ng/L
Cu-Precon	65	146	93			-53.183775	**-2.1097**	ng/L
Zn-Precon	66	221	79			-142.777414	**-6.7624**	ng/L
Zn-Precon	68	151	66			-85.242361	**-8.1649**	ng/L
Cd-Precon	111	4	1			-3.282478	**-0.0134**	ng/L
Cd-Precon	114	12	6			-5.841341	**-0.4489**	ng/L
Pb-Precon	208	1281	205			-1075.955045	**-0.8749**	ng/L
Tb-Precon	159	12	2			-9.295253		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-BS1

Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 05:16:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 123

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-BS1.078
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	113962			113647.387791	**2639.3927**	ng/L
Fe-Precon	54	133	539858			539724.601560	**98473.5120**	ng/L
Fe-Precon	56	2555	11498812			11496256.834724	**107315.5113**	ng/L
Fe-Precon	57	80	272142			272062.372099	**101837.5111**	ng/L
Co-Precon	59	33	285305			285271.528916	**2018.2910**	ng/L
Ni-Precon	60	27	87117			87090.271070	**3814.1687**	ng/L
Cu-Precon	63	311	123755			123444.085407	**2223.6851**	ng/L
Cu-Precon	65	146	57242			57095.672301	**2184.9064**	ng/L
Zn-Precon	66	221	84415			84193.969136	**4659.3174**	ng/L
Zn-Precon	68	151	55933			55781.925928	**4692.3489**	ng/L
Cd-Precon	111	4	4185			4180.823945	**210.0036**	ng/L
Cd-Precon	114	12	11896			11884.321324	**231.1876**	ng/L
Pb-Precon	208	1281	150543			149262.060778	**491.8118**	ng/L
Tb-Precon	159	12	98			86.245226		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 05:27:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.079
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	563			248.245159	**6.8133**	ng/L
Fe-Precon	54	133	7145			7012.146103	**1270.2310**	ng/L
Fe-Precon	56	2555	138801			136246.290229	**1263.8190**	ng/L
Fe-Precon	57	80	3604			3524.801425	**1303.3236**	ng/L
Co-Precon	59	33	49			15.972428	**0.4345**	ng/L
Ni-Precon	60	27	225			198.031959	**7.2053**	ng/L
Cu-Precon	63	311	786			475.550739	**8.1838**	ng/L
Cu-Precon	65	146	341			194.825720	**7.3813**	ng/L
Zn-Precon	66	221	101			-120.861646	**-5.5498**	ng/L
Zn-Precon	68	151	68			-82.783342	**-7.9580**	ng/L
Cd-Precon	111	4	2			-2.476209	**0.0270**	ng/L
Cd-Precon	114	12	51			39.402304	**0.4325**	ng/L
Pb-Precon	208	1281	258			-1022.969789	**-0.7012**	ng/L
Tb-Precon	159	12	4			-7.882265		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-03
Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 05:37:43
Diluted To Volume (mL): 1.00
Aliquot Volume (mL): 1
Autosampler Position: 124

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-03.080
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	455			139.500586	**4.2888**	ng/L
Fe-Precon	54	133	98694			98560.717272	**17974.9680**	ng/L
Fe-Precon	56	2555	2060913			2058357.593173	**19207.7422**	ng/L
Fe-Precon	57	80	49463			49383.354237	**18471.6935**	ng/L
Co-Precon	59	33	198			164.988966	**1.4886**	ng/L
Ni-Precon	60	27	501			474.259198	**19.3075**	ng/L
Cu-Precon	63	311	8503			8192.684541	**147.2219**	ng/L
Cu-Precon	65	146	3944			3798.132960	**145.2755**	ng/L
Zn-Precon	66	221	9665			9443.293513	**523.6040**	ng/L
Zn-Precon	68	151	6500			6349.546411	**533.2410**	ng/L
Cd-Precon	111	4	49			45.227286	**2.4215**	ng/L
Cd-Precon	114	12	150			138.149703	**2.3563**	ng/L
Pb-Precon	208	1281	2516			1235.560902	**6.7004**	ng/L
Tb-Precon	159	12	30			18.445135		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 05:48:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.081
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	94			-221.586954	**-4.0939**	ng/L
Fe-Precon	54	133	6043			5909.734001	**1069.0754**	ng/L
Fe-Precon	56	2555	115465			112909.603904	**1045.9588**	ng/L
Fe-Precon	57	80	2971			2890.914455	**1066.0112**	ng/L
Co-Precon	59	33	16			-17.471991	**0.1979**	ng/L
Ni-Precon	60	27	31			3.570603	**-1.3146**	ng/L
Cu-Precon	63	311	354			43.564789	**0.4008**	ng/L
Cu-Precon	65	146	155			8.691731	**0.2582**	ng/L
Zn-Precon	66	221	82			-138.953968	**-6.5508**	ng/L
Zn-Precon	68	151	75			-75.652603	**-7.3580**	ng/L
Cd-Precon	111	4	1			-2.991072	**0.0012**	ng/L
Cd-Precon	114	12	14			2.128291	**-0.2936**	ng/L
Pb-Precon	208	1281	202			-1078.438181	**-0.8830**	ng/L
Tb-Precon	159	12	3			-8.287460		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-04
Sample Description:
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 05:58:46
Diluted To Volume (mL): 1.00
Aliquot Volume (mL): 1
Autosampler Position: 125

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-04.082
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	268			-46.829295	**-0.0369**	ng/L
Fe-Precon	54	133	85712			85579.146702	**15606.2394**	ng/L
Fe-Precon	56	2555	1770024			1767468.889978	**16492.1427**	ng/L
Fe-Precon	57	80	42903			42823.479306	**16015.8298**	ng/L
Co-Precon	59	33	22174			22140.341858	**156.9390**	ng/L
Ni-Precon	60	27	1158			1131.157894	**48.0878**	ng/L
Cu-Precon	63	311	9000			8689.015700	**156.1643**	ng/L
Cu-Precon	65	146	4099			3952.406560	**151.1793**	ng/L
Zn-Precon	66	221	27779			27557.805718	**1525.8214**	ng/L
Zn-Precon	68	151	18631			18480.077321	**1553.8714**	ng/L
Cd-Precon	111	4	298			293.847722	**14.9007**	ng/L
Cd-Precon	114	12	817			805.752285	**15.3621**	ng/L
Pb-Precon	208	1281	5640			4359.537183	**16.9383**	ng/L
Tb-Precon	159	12	29			17.274561		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 06:09:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.083
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	58			-257.061288	**-4.9174**	ng/L
Fe-Precon	54	133	6333			6199.985249	**1122.0372**	ng/L
Fe-Precon	56	2555	121996			119440.547104	**1106.9286**	ng/L
Fe-Precon	57	80	3152			3072.853172	**1134.1248**	ng/L
Co-Precon	59	33	18			-15.553371	**0.2114**	ng/L
Ni-Precon	60	27	19			-7.864965	**-1.8156**	ng/L
Cu-Precon	63	311	344			33.174031	**0.2136**	ng/L
Cu-Precon	65	146	148			1.626380	**-0.0122**	ng/L
Zn-Precon	66	221	87			-134.368642	**-6.2971**	ng/L
Zn-Precon	68	151	70			-80.587711	**-7.7732**	ng/L
Cd-Precon	111	4	1			-2.716638	**0.0150**	ng/L
Cd-Precon	114	12	7			-5.051906	**-0.4335**	ng/L
Pb-Precon	208	1281	208			-1072.994013	**-0.8652**	ng/L
Tb-Precon	159	12	3			-8.709971		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-01
Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 06:19:49
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 126

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-01.084
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	225			-90.381627	**-1047.9445**	ng/L
Fe-Precon	54	133	31786			31652.807222	**5766377.2343**	ng/L
Fe-Precon	56	2555	605161			602606.025626	**5617533.2283**	ng/L
Fe-Precon	57	80	15977			15897.589636	**5935406.2501**	ng/L
Co-Precon	59	33	293			259.233718	**2155.2472**	ng/L
Ni-Precon	60	27	197			169.531540	**5956.6072**	ng/L
Cu-Precon	63	311	345			34.679214	**240.6710**	ng/L
Cu-Precon	65	146	150			3.826591	**72.0369**	ng/L
Zn-Precon	66	221	5889			5667.387152	**314695.2834**	ng/L
Zn-Precon	68	151	4000			3849.508536	**322894.5257**	ng/L
Cd-Precon	111	4	2			-2.169299	**42.4441**	ng/L
Cd-Precon	114	12	6			-5.754022	**-447.1788**	ng/L
Pb-Precon	208	1281	820			-460.391259	**1142.4369**	ng/L
Tb-Precon	159	12	42			29.981181		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 06:30:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.085
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	38			-276.684019	**-5.3730**	ng/L
Fe-Precon	54	133	2194			2060.806082	**366.7670**	ng/L
Fe-Precon	56	2555	42497			39941.804792	**364.7659**	ng/L
Fe-Precon	57	80	1113			1033.801703	**370.7516**	ng/L
Co-Precon	59	33	13			-19.930870	**0.1805**	ng/L
Ni-Precon	60	27	12			-15.286634	**-2.1407**	ng/L
Cu-Precon	63	311	226			-85.071037	**-1.9168**	ng/L
Cu-Precon	65	146	98			-47.971593	**-1.9102**	ng/L
Zn-Precon	66	221	82			-139.598235	**-6.5865**	ng/L
Zn-Precon	68	151	65			-85.796452	**-8.2115**	ng/L
Cd-Precon	111	4	1			-3.198993	**-0.0092**	ng/L
Cd-Precon	114	12	7			-5.002732	**-0.4325**	ng/L
Pb-Precon	208	1281	187			-1093.451718	**-0.9322**	ng/L
Tb-Precon	159	12	3			-8.512568		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-DUP1

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 06:40:51
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 127

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-DUP1.086
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	215			-99.944246	**-1269.9423**	ng/L
Fe-Precon	54	133	30069			29935.261538	**5452979.1258**	ng/L
Fe-Precon	56	2555	571211			568655.901762	**5300590.9091**	ng/L
Fe-Precon	57	80	14955			14875.058222	**5552594.3976**	ng/L
Co-Precon	59	33	298			264.906814	**2195.3779**	ng/L
Ni-Precon	60	27	180			153.232976	**5242.5269**	ng/L
Cu-Precon	63	311	336			25.334338	**72.3061**	ng/L
Cu-Precon	65	146	154			8.142039	**237.1837**	ng/L
Zn-Precon	66	221	4518			4296.646029	**238856.6057**	ng/L
Zn-Precon	68	151	3069			2918.713871	**244579.9583**	ng/L
Cd-Precon	111	4	2			-2.292718	**36.2492**	ng/L
Cd-Precon	114	12	5			-6.930295	**-470.0942**	ng/L
Pb-Precon	208	1281	884			-396.394905	**1352.1653**	ng/L
Tb-Precon	159	12	45			32.807208		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 06:51:22
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.087
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	28			-286.914418	**-5.6105**	ng/L
Fe-Precon	54	133	1643			1509.628439	**266.1944**	ng/L
Fe-Precon	56	2555	31906			29350.552181	**265.8909**	ng/L
Fe-Precon	57	80	849			769.378047	**271.7576**	ng/L
Co-Precon	59	33	14			-19.705761	**0.1821**	ng/L
Ni-Precon	60	27	10			-16.831225	**-2.2084**	ng/L
Cu-Precon	63	311	217			-94.002827	**-2.0778**	ng/L
Cu-Precon	65	146	99			-47.594122	**-1.8958**	ng/L
Zn-Precon	66	221	81			-140.810338	**-6.6535**	ng/L
Zn-Precon	68	151	70			-81.179945	**-7.8231**	ng/L
Cd-Precon	111	4	0			-3.718785	**-0.0353**	ng/L
Cd-Precon	114	12	6			-5.224361	**-0.4369**	ng/L
Pb-Precon	208	1281	170			-1110.695391	**-0.9887**	ng/L
Tb-Precon	159	12	2			-9.336812		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MS1
Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 07:01:53
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 128

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MS1.088
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	295856			295541.163769	**6862086.0848**	ng/L
Fe-Precon	54	133	109058			108924.504226	**19866033.4433**	ng/L
Fe-Precon	56	2555	2259357			2256801.998618	**21060325.4290**	ng/L
Fe-Precon	57	80	54671			54591.792477	**20421611.0400**	ng/L
Co-Precon	59	33	439267			439233.739115	**3107397.4403**	ng/L
Ni-Precon	60	27	87110			87082.524064	**3813829.2896**	ng/L
Cu-Precon	63	311	180397			180086.195409	**3244195.5232**	ng/L
Cu-Precon	65	146	85402			85255.612902	**3262552.5114**	ng/L
Zn-Precon	66	221	308628			308406.901127	**17064294.4806**	ng/L
Zn-Precon	68	151	206208			206057.609264	**17336141.9533**	ng/L
Cd-Precon	111	4	64714			64709.746287	**3248192.6626**	ng/L
Cd-Precon	114	12	165240			165228.246145	**3218535.2007**	ng/L
Pb-Precon	208	1281	1075284			1074003.625709	**3522368.3977**	ng/L
Tb-Precon	159	12	45			33.531033		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 07:12:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.089
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3402			3086.709805	**72.7087**	ng/L
Fe-Precon	54	133	3274			3140.272192	**563.7357**	ng/L
Fe-Precon	56	2555	63392			60836.976178	**559.8333**	ng/L
Fe-Precon	57	80	1638			1558.255117	**567.0947**	ng/L
Co-Precon	59	33	52			18.871143	**0.4550**	ng/L
Ni-Precon	60	27	241			213.447832	**7.8807**	ng/L
Cu-Precon	63	311	1289			978.721446	**17.2493**	ng/L
Cu-Precon	65	146	590			443.680224	**16.9047**	ng/L
Zn-Precon	66	221	137			-84.528225	**-3.5396**	ng/L
Zn-Precon	68	151	91			-59.447936	**-5.9946**	ng/L
Cd-Precon	111	4	7			3.168810	**0.3104**	ng/L
Cd-Precon	114	12	21			8.804029	**-0.1636**	ng/L
Pb-Precon	208	1281	429			-851.875703	**-0.1405**	ng/L
Tb-Precon	159	12	2			-9.638110		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV4

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 07:22:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV4.090
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	11508			11192.437227	**260.8845**	ng/L
Fe-Precon	54	133	3043			2910.081898	**521.7332**	ng/L
Fe-Precon	56	2555	58586			56031.118702	**514.9681**	ng/L
Fe-Precon	57	80	1544			1464.416768	**531.9638**	ng/L
Co-Precon	59	33	14819			14785.628642	**104.9129**	ng/L
Ni-Precon	60	27	2195			2168.170052	**93.5219**	ng/L
Cu-Precon	63	311	6285			5974.587429	**107.2589**	ng/L
Cu-Precon	65	146	2944			2797.828438	**106.9950**	ng/L
Zn-Precon	66	221	10377			10155.985340	**563.0349**	ng/L
Zn-Precon	68	151	6902			6751.136503	**567.0297**	ng/L
Cd-Precon	111	4	2159			2154.450676	**108.2918**	ng/L
Cd-Precon	114	12	5531			5519.654500	**107.1953**	ng/L
Pb-Precon	208	1281	31343			30062.573262	**101.1721**	ng/L
Tb-Precon	159	12	1			-11.051098		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 07:33:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.091
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	733			417.643528	**10.7459**	ng/L
Fe-Precon	54	133	649			515.676404	**84.8294**	ng/L
Fe-Precon	56	2555	12878			10322.482226	**88.2538**	ng/L
Fe-Precon	57	80	358			278.348997	**87.9278**	ng/L
Co-Precon	59	33	20			-13.731718	**0.2243**	ng/L
Ni-Precon	60	27	29			1.589636	**-1.4013**	ng/L
Cu-Precon	63	311	385			73.991826	**0.9490**	ng/L
Cu-Precon	65	146	183			37.025338	**1.3425**	ng/L
Zn-Precon	66	221	81			-140.055332	**-6.6117**	ng/L
Zn-Precon	68	151	64			-87.178295	**-8.3277**	ng/L
Cd-Precon	111	4	4			0.297284	**0.1663**	ng/L
Cd-Precon	114	12	10			-1.843144	**-0.3710**	ng/L
Pb-Precon	208	1281	196			-1084.700136	**-0.9035**	ng/L
Tb-Precon	159	12	1			-10.323825		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB4

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 07:43:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB4.092
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	813			497.488797	**12.5996**	ng/L
Fe-Precon	54	133	425			291.373976	**43.9013**	ng/L
Fe-Precon	56	2555	8013			5457.722115	**42.8387**	ng/L
Fe-Precon	57	80	245			165.658176	**45.7390**	ng/L
Co-Precon	59	33	30			-3.248519	**0.2985**	ng/L
Ni-Precon	60	27	23			-4.252820	**-1.6573**	ng/L
Cu-Precon	63	311	233			-78.207474	**-1.7932**	ng/L
Cu-Precon	65	146	109			-37.771440	**-1.5199**	ng/L
Zn-Precon	66	221	201			-20.617409	**-0.0036**	ng/L
Zn-Precon	68	151	143			-7.411331	**-1.6164**	ng/L
Cd-Precon	111	4	8			3.427214	**0.3234**	ng/L
Cd-Precon	114	12	22			9.964964	**-0.1410**	ng/L
Pb-Precon	208	1281	376			-904.847126	**-0.3141**	ng/L
Tb-Precon	159	12	3			-8.283996		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 07:54:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.093
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	333			18.069837	**1.4698**	ng/L
Fe-Precon	54	133	346			212.814154	**29.5666**	ng/L
Fe-Precon	56	2555	6598			4043.382167	**29.6351**	ng/L
Fe-Precon	57	80	191			111.113682	**25.3188**	ng/L
Co-Precon	59	33	16			-16.883248	**0.2020**	ng/L
Ni-Precon	60	27	15			-11.844201	**-1.9899**	ng/L
Cu-Precon	63	311	260			-50.319085	**-1.2907**	ng/L
Cu-Precon	65	146	118			-28.770996	**-1.1754**	ng/L
Zn-Precon	66	221	79			-142.299437	**-6.7359**	ng/L
Zn-Precon	68	151	70			-80.549652	**-7.7700**	ng/L
Cd-Precon	111	4	4			0.116002	**0.1572**	ng/L
Cd-Precon	114	12	11			-1.197215	**-0.3584**	ng/L
Pb-Precon	208	1281	194			-1087.248926	**-0.9119**	ng/L
Tb-Precon	159	12	4			-8.017328		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MSD1

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 08:05:02
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 129

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MSD1.094
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	286311			285995.410555	**6640479.8836**	ng/L
Fe-Precon	54	133	105401			105268.025669	**19198841.0224**	ng/L
Fe-Precon	56	2555	2176525			2173970.113408	**20287046.0765**	ng/L
Fe-Precon	57	80	52558			52478.879207	**19630585.7161**	ng/L
Co-Precon	59	33	435172			435138.982641	**3078431.7249**	ng/L
Ni-Precon	60	27	63864			63836.480642	**2795362.7617**	ng/L
Cu-Precon	63	311	178403			178092.308552	**3208272.0326**	ng/L
Cu-Precon	65	146	84836			84689.347148	**3240882.2210**	ng/L
Zn-Precon	66	221	310317			310095.237605	**17157704.6831**	ng/L
Zn-Precon	68	151	207398			207247.429046	**17436250.1996**	ng/L
Cd-Precon	111	4	64921			64916.708358	**3258580.9178**	ng/L
Cd-Precon	114	12	164511			164499.754762	**3204343.2007**	ng/L
Pb-Precon	208	1281	1061713			1060431.755289	**3477890.7589**	ng/L
Tb-Precon	159	12	42			29.939651		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 08:15:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.095
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3084			2769.282967	**65.3396**	ng/L
Fe-Precon	54	133	2905			2771.493040	**496.4451**	ng/L
Fe-Precon	56	2555	56395			53839.782642	**494.5108**	ng/L
Fe-Precon	57	80	1475			1395.451053	**506.1447**	ng/L
Co-Precon	59	33	63			29.918896	**0.5331**	ng/L
Ni-Precon	60	27	176			148.970022	**5.0558**	ng/L
Cu-Precon	63	311	1211			900.443288	**15.8390**	ng/L
Cu-Precon	65	146	589			442.318596	**16.8526**	ng/L
Zn-Precon	66	221	135			-86.121353	**-3.6278**	ng/L
Zn-Precon	68	151	87			-63.919052	**-6.3708**	ng/L
Cd-Precon	111	4	9			4.908210	**0.3977**	ng/L
Cd-Precon	114	12	25			13.027735	**-0.0813**	ng/L
Pb-Precon	208	1281	449			-831.682293	**-0.0744**	ng/L
Tb-Precon	159	12	1			-10.365383		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-02

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 08:26:04
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 130

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-02.096
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2100			1784.554856	**42479.0085**	ng/L
Fe-Precon	54	133	1666			1532.359407	**270342.1331**	ng/L
Fe-Precon	56	2555	33037			30481.500513	**276448.9200**	ng/L
Fe-Precon	57	80	902			822.311188	**291574.4917**	ng/L
Co-Precon	59	33	368			334.718314	**2689.2143**	ng/L
Ni-Precon	60	27	66			38.559719	**218.4085**	ng/L
Cu-Precon	63	311	324			13.300629	**-144.5030**	ng/L
Cu-Precon	65	146	154			7.964912	**230.4053**	ng/L
Zn-Precon	66	221	1442			1220.348804	**68655.0193**	ng/L
Zn-Precon	68	151	946			794.856227	**65884.2707**	ng/L
Cd-Precon	111	4	12			7.639312	**534.7776**	ng/L
Cd-Precon	114	12	25			13.262502	**-76.7111**	ng/L
Pb-Precon	208	1281	339			-941.592063	**-434.5510**	ng/L
Tb-Precon	159	12	5			-6.704774		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 08:36:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.097
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	641			326.119619	**8.6212**	ng/L
Fe-Precon	54	133	440			306.451216	**46.6524**	ng/L
Fe-Precon	56	2555	8570			6015.184763	**48.0430**	ng/L
Fe-Precon	57	80	242			162.458161	**44.5409**	ng/L
Co-Precon	59	33	21			-11.871939	**0.2375**	ng/L
Ni-Precon	60	27	19			-7.764529	**-1.8112**	ng/L
Cu-Precon	63	311	323			12.595138	**-0.1572**	ng/L
Cu-Precon	65	146	158			11.479673	**0.3649**	ng/L
Zn-Precon	66	221	91			-130.929702	**-6.1069**	ng/L
Zn-Precon	68	151	70			-80.882140	**-7.7980**	ng/L
Cd-Precon	111	4	3			-1.613781	**0.0703**	ng/L
Cd-Precon	114	12	7			-4.841828	**-0.4294**	ng/L
Pb-Precon	208	1281	180			-1100.928950	**-0.9567**	ng/L
Tb-Precon	159	12	2			-9.499582		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-05

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 08:47:05
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 131

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-05.098
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	826			511.347814	**12921.3015**	ng/L
Fe-Precon	54	133	14837			14703.735017	**2673704.2321**	ng/L
Fe-Precon	56	2555	284742			282186.697497	**2626249.7394**	ng/L
Fe-Precon	57	80	7433			7353.605648	**2736738.4219**	ng/L
Co-Precon	59	33	197			163.576262	**1478.5802**	ng/L
Ni-Precon	60	27	93			65.933303	**1417.7128**	ng/L
Cu-Precon	63	311	299			-11.230306	**-586.4723**	ng/L
Cu-Precon	65	146	153			6.192290	**162.5692**	ng/L
Zn-Precon	66	221	3327			3105.774596	**172969.5369**	ng/L
Zn-Precon	68	151	2240			2089.399357	**174803.6586**	ng/L
Cd-Precon	111	4	12			8.269458	**566.4071**	ng/L
Cd-Precon	114	12	30			17.926345	**14.1468**	ng/L
Pb-Precon	208	1281	448			-833.083869	**-78.9487**	ng/L
Tb-Precon	159	12	9			-2.829440		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 08:57:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.099
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	347			31.868674	**1.7901**	ng/L
Fe-Precon	54	133	646			512.643037	**84.2759**	ng/L
Fe-Precon	56	2555	12464			9908.842446	**84.3923**	ng/L
Fe-Precon	57	80	336			256.144897	**79.6151**	ng/L
Co-Precon	59	33	19			-14.129994	**0.2215**	ng/L
Ni-Precon	60	27	12			-14.684033	**-2.1143**	ng/L
Cu-Precon	63	311	261			-49.224450	**-1.2710**	ng/L
Cu-Precon	65	146	121			-25.685221	**-1.0573**	ng/L
Zn-Precon	66	221	82			-139.154700	**-6.5619**	ng/L
Zn-Precon	68	151	66			-85.204253	**-8.1617**	ng/L
Cd-Precon	111	4	1			-3.110052	**-0.0048**	ng/L
Cd-Precon	114	12	6			-5.688896	**-0.4459**	ng/L
Pb-Precon	208	1281	160			-1121.061113	**-1.0227**	ng/L
Tb-Precon	159	12	2			-9.475340		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-06
Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 09:08:07
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 132

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-06.100
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	497			181.701001	**5268.4976**	ng/L
Fe-Precon	54	133	3457			3323.968125	**597254.4175**	ng/L
Fe-Precon	56	2555	66270			63715.217852	**586703.2062**	ng/L
Fe-Precon	57	80	1828			1748.104029	**638169.6845**	ng/L
Co-Precon	59	33	102			68.576194	**806.5635**	ng/L
Ni-Precon	60	27	75			48.256795	**643.2614**	ng/L
Cu-Precon	63	311	131			-180.063147	**-3628.3023**	ng/L
Cu-Precon	65	146	67			-79.688157	**-3123.9693**	ng/L
Zn-Precon	66	221	398			176.528265	**10903.8014**	ng/L
Zn-Precon	68	151	277			126.723607	**9669.3835**	ng/L
Cd-Precon	111	4	7			2.395127	**271.5509**	ng/L
Cd-Precon	114	12	19			7.551031	**-187.9783**	ng/L
Pb-Precon	208	1281	203			-1077.742045	**-880.7408**	ng/L
Tb-Precon	159	12	6			-6.143733		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 09:18:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.101
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	226			-88.916309	**-1.0139**	ng/L
Fe-Precon	54	133	320			186.730601	**24.8072**	ng/L
Fe-Precon	56	2555	6241			3685.466881	**26.2938**	ng/L
Fe-Precon	57	80	183			103.147967	**22.3366**	ng/L
Co-Precon	59	33	14			-19.130867	**0.1861**	ng/L
Ni-Precon	60	27	11			-16.401788	**-2.1896**	ng/L
Cu-Precon	63	311	235			-75.438966	**-1.7433**	ng/L
Cu-Precon	65	146	119			-27.219428	**-1.1161**	ng/L
Zn-Precon	66	221	80			-141.430224	**-6.6878**	ng/L
Zn-Precon	68	151	69			-81.709806	**-7.8676**	ng/L
Cd-Precon	111	4	1			-3.646330	**-0.0317**	ng/L
Cd-Precon	114	12	7			-5.151801	**-0.4354**	ng/L
Pb-Precon	208	1281	143			-1137.494305	**-1.0766**	ng/L
Tb-Precon	159	12	4			-7.619061		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-07

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 09:29:08
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 133

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-07.102
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	320			4.919637	**1164.4897**	ng/L
Fe-Precon	54	133	9728			9595.085756	**1741536.2964**	ng/L
Fe-Precon	56	2555	187858			185302.512265	**1721784.7519**	ng/L
Fe-Precon	57	80	4916			4836.334764	**1794331.0623**	ng/L
Co-Precon	59	33	90			57.098868	**725.3745**	ng/L
Ni-Precon	60	27	46			18.562889	**-657.7019**	ng/L
Cu-Precon	63	311	141			-170.123439	**-3449.2205**	ng/L
Cu-Precon	65	146	72			-74.787610	**-2936.4314**	ng/L
Zn-Precon	66	221	398			176.622160	**10908.9963**	ng/L
Zn-Precon	68	151	287			135.818869	**10434.6344**	ng/L
Cd-Precon	111	4	7			2.328481	**268.2057**	ng/L
Cd-Precon	114	12	16			4.776648	**-242.0271**	ng/L
Pb-Precon	208	1281	205			-1075.916946	**-874.7595**	ng/L
Tb-Precon	159	12	3			-9.007807		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 09:39:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.103
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	165			-149.705628	**-2.4252**	ng/L
Fe-Precon	54	133	480			347.069611	**54.0640**	ng/L
Fe-Precon	56	2555	9207			6652.255003	**53.9903**	ng/L
Fe-Precon	57	80	251			171.456232	**47.9096**	ng/L
Co-Precon	59	33	16			-17.357708	**0.1987**	ng/L
Ni-Precon	60	27	12			-14.677106	**-2.1140**	ng/L
Cu-Precon	63	311	225			-85.271592	**-1.9205**	ng/L
Cu-Precon	65	146	101			-45.290985	**-1.8076**	ng/L
Zn-Precon	66	221	79			-142.905477	**-6.7694**	ng/L
Zn-Precon	68	151	67			-83.483050	**-8.0168**	ng/L
Cd-Precon	111	4	1			-3.104859	**-0.0045**	ng/L
Cd-Precon	114	12	5			-7.216886	**-0.4757**	ng/L
Pb-Precon	208	1281	149			-1131.921967	**-1.0583**	ng/L
Tb-Precon	159	12	2			-9.454560		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-DUP2

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 09:50:09
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 134

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-DUP2.104
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	242			-72.825154	**-640.3682**	ng/L
Fe-Precon	54	133	9703			9570.037121	**1736965.7077**	ng/L
Fe-Precon	56	2555	188610			186054.648466	**1728806.3402**	ng/L
Fe-Precon	57	80	4870			4789.947828	**1776964.8779**	ng/L
Co-Precon	59	33	99			65.622000	**785.6659**	ng/L
Ni-Precon	60	27	41			13.922155	**-861.0240**	ng/L
Cu-Precon	63	311	143			-167.702461	**-3405.6022**	ng/L
Cu-Precon	65	146	75			-71.722491	**-2819.1331**	ng/L
Zn-Precon	66	221	582			360.935613	**21106.4642**	ng/L
Zn-Precon	68	151	407			255.810877	**20530.4402**	ng/L
Cd-Precon	111	4	5			0.814576	**192.2167**	ng/L
Cd-Precon	114	12	12			0.657026	**-322.2829**	ng/L
Pb-Precon	208	1281	378			-903.097300	**-308.3962**	ng/L
Tb-Precon	159	12	4			-7.404341		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 10:00:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.105
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	135			-180.058301	**-3.1298**	ng/L
Fe-Precon	54	133	446			312.566242	**47.7682**	ng/L
Fe-Precon	56	2555	8704			6148.892689	**49.2912**	ng/L
Fe-Precon	57	80	246			165.977743	**45.8586**	ng/L
Co-Precon	59	33	16			-17.634762	**0.1967**	ng/L
Ni-Precon	60	27	10			-16.592265	**-2.1979**	ng/L
Cu-Precon	63	311	206			-104.853676	**-2.2733**	ng/L
Cu-Precon	65	146	91			-55.306772	**-2.1909**	ng/L
Zn-Precon	66	221	75			-146.573160	**-6.9724**	ng/L
Zn-Precon	68	151	64			-86.928947	**-8.3068**	ng/L
Cd-Precon	111	4	1			-3.043449	**-0.0014**	ng/L
Cd-Precon	114	12	6			-6.196279	**-0.4558**	ng/L
Pb-Precon	208	1281	146			-1134.668292	**-1.0673**	ng/L
Tb-Precon	159	12	3			-9.129019		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MS2

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 10:11:10
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 135

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MS2.106
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	270072			269757.195039	**6263507.0902**	ng/L
Fe-Precon	54	133	82255			82121.877410	**14975396.4020**	ng/L
Fe-Precon	56	2555	1694211			1691655.617371	**15784385.7755**	ng/L
Fe-Precon	57	80	41330			41250.793622	**15427053.0101**	ng/L
Co-Precon	59	33	438429			438395.615219	**3101468.6730**	ng/L
Ni-Precon	60	27	61704			61677.283284	**2700762.9971**	ng/L
Cu-Precon	63	311	178432			178121.588735	**3208799.5683**	ng/L
Cu-Precon	65	146	84066			83919.761242	**3211431.1198**	ng/L
Zn-Precon	66	221	308333			308111.992616	**17047978.1455**	ng/L
Zn-Precon	68	151	207380			207229.709247	**17434759.3031**	ng/L
Cd-Precon	111	4	65438			65433.760953	**3284533.8584**	ng/L
Cd-Precon	114	12	166354			166342.424468	**3240240.9052**	ng/L
Pb-Precon	208	1281	1045307			1044026.474742	**3424127.4882**	ng/L
Tb-Precon	159	12	3			-8.893521		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 10:21:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.107
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2647			2331.737217	**55.1819**	ng/L
Fe-Precon	54	133	2203			2070.175747	**368.4767**	ng/L
Fe-Precon	56	2555	42455			39899.602474	**364.3719**	ng/L
Fe-Precon	57	80	1106			1025.964726	**367.8176**	ng/L
Co-Precon	59	33	63			29.350961	**0.5291**	ng/L
Ni-Precon	60	27	156			129.322530	**4.1950**	ng/L
Cu-Precon	63	311	1006			695.099237	**12.1393**	ng/L
Cu-Precon	65	146	464			317.963616	**12.0937**	ng/L
Zn-Precon	66	221	127			-93.962130	**-4.0616**	ng/L
Zn-Precon	68	151	100			-50.879744	**-5.2737**	ng/L
Cd-Precon	111	4	7			2.413542	**0.2725**	ng/L
Cd-Precon	114	12	23			11.649925	**-0.1081**	ng/L
Pb-Precon	208	1281	437			-844.010981	**-0.1148**	ng/L
Tb-Precon	159	12	2			-9.295252		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MSD2

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 10:32:10
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 136

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MSD2.108
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	273834			273518.974749	**6350837.4132**	ng/L
Fe-Precon	54	133	83418			83284.463168	**15187531.7652**	ng/L
Fe-Precon	56	2555	1706518			1703962.645824	**15899278.3796**	ng/L
Fe-Precon	57	80	41898			41818.231595	**15639488.5191**	ng/L
Co-Precon	59	33	436976			436942.404775	**3091188.8724**	ng/L
Ni-Precon	60	27	61684			61656.915351	**2699870.6277**	ng/L
Cu-Precon	63	311	182470			182159.175835	**3281544.0280**	ng/L
Cu-Precon	65	146	86406			86259.927510	**3300986.3899**	ng/L
Zn-Precon	66	221	312912			312690.264294	**17301279.1256**	ng/L
Zn-Precon	68	151	209105			208954.348497	**17579865.8255**	ng/L
Cd-Precon	111	4	65993			65989.305597	**3312418.8691**	ng/L
Cd-Precon	114	12	166472			166460.480980	**3242540.8061**	ng/L
Pb-Precon	208	1281	1047341			1046059.932866	**3430791.5230**	ng/L
Tb-Precon	159	12	3			-8.322092		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 10:42:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.109
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2811			2496.286733	**59.0020**	ng/L
Fe-Precon	54	133	2048			1914.489597	**340.0689**	ng/L
Fe-Precon	56	2555	40179			37623.752069	**343.1256**	ng/L
Fe-Precon	57	80	1011			931.155871	**332.3234**	ng/L
Co-Precon	59	33	56			22.507525	**0.4807**	ng/L
Ni-Precon	60	27	158			130.475858	**4.2455**	ng/L
Cu-Precon	63	311	912			600.875480	**10.4417**	ng/L
Cu-Precon	65	146	437			291.010392	**11.0622**	ng/L
Zn-Precon	66	221	131			-90.827995	**-3.8882**	ng/L
Zn-Precon	68	151	94			-56.684207	**-5.7621**	ng/L
Cd-Precon	111	4	7			2.741310	**0.2889**	ng/L
Cd-Precon	114	12	26			13.858977	**-0.0651**	ng/L
Pb-Precon	208	1281	366			-915.220874	**-0.3481**	ng/L
Tb-Precon	159	12	3			-9.032049		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-08
Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 10:53:13
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 137

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-08.110
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2002			1686.600341	**40204.9786**	ng/L
Fe-Precon	54	133	360			226.532589	**32069.7782**	ng/L
Fe-Precon	56	2555	7112			4556.787073	**34428.0415**	ng/L
Fe-Precon	57	80	256			176.815788	**49916.1070**	ng/L
Co-Precon	59	33	191			157.622381	**1436.4633**	ng/L
Ni-Precon	60	27	386			358.524853	**14236.8706**	ng/L
Cu-Precon	63	311	355			44.297723	**413.9659**	ng/L
Cu-Precon	65	146	179			33.178801	**1195.3096**	ng/L
Zn-Precon	66	221	1275			1053.615618	**59430.2109**	ng/L
Zn-Precon	68	151	864			712.812676	**58981.3463**	ng/L
Cd-Precon	111	4	7			2.329584	**268.2611**	ng/L
Cd-Precon	114	12	21			8.978033	**-160.1784**	ng/L
Pb-Precon	208	1281	310			-970.607947	**-529.6416**	ng/L
Tb-Precon	159	12	5			-6.829448		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 11:03:44
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.111
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	626			310.760396	**8.2646**	ng/L
Fe-Precon	54	133	273			139.302039	**16.1529**	ng/L
Fe-Precon	56	2555	5347			2792.309604	**17.9557**	ng/L
Fe-Precon	57	80	160			79.960826	**13.6559**	ng/L
Co-Precon	59	33	21			-12.349904	**0.2341**	ng/L
Ni-Precon	60	27	25			-1.634628	**-1.5426**	ng/L
Cu-Precon	63	311	287			-23.296876	**-0.8039**	ng/L
Cu-Precon	65	146	139			-6.983266	**-0.3416**	ng/L
Zn-Precon	66	221	72			-149.115161	**-7.1130**	ng/L
Zn-Precon	68	151	53			-97.703088	**-9.2133**	ng/L
Cd-Precon	111	4	2			-2.597003	**0.0210**	ng/L
Cd-Precon	114	12	6			-5.890556	**-0.4498**	ng/L
Pb-Precon	208	1281	148			-1132.985165	**-1.0618**	ng/L
Tb-Precon	159	12	2			-9.478803		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-09
Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 11:14:15
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 138

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-09.112
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	914			599.338129	**14964.0109**	ng/L
Fe-Precon	54	133	184			50.198138	**-105.7172**	ng/L
Fe-Precon	56	2555	3679			1123.766219	**2378.9805**	ng/L
Fe-Precon	57	80	202			122.603331	**29620.2309**	ng/L
Co-Precon	59	33	74			40.436899	**607.5102**	ng/L
Ni-Precon	60	27	74			46.715656	**575.7403**	ng/L
Cu-Precon	63	311	192			-119.080079	**-2529.5817**	ng/L
Cu-Precon	65	146	105			-41.467111	**-1661.2971**	ng/L
Zn-Precon	66	221	344			122.880585	**7935.6486**	ng/L
Zn-Precon	68	151	255			104.287220	**7781.6460**	ng/L
Cd-Precon	111	4	2			-2.634043	**19.1167**	ng/L
Cd-Precon	114	12	3			-8.314402	**-497.0585**	ng/L
Pb-Precon	208	1281	215			-1065.571658	**-840.8560**	ng/L
Tb-Precon	159	12	2			-9.499582		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 11:24:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.113
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	352			36.427366	**1.8959**	ng/L
Fe-Precon	54	133	173			39.600480	**-2.0395**	ng/L
Fe-Precon	56	2555	3451			895.822016	**0.2510**	ng/L
Fe-Precon	57	80	117			37.178437	**-2.3609**	ng/L
Co-Precon	59	33	18			-15.307483	**0.2132**	ng/L
Ni-Precon	60	27	12			-15.196590	**-2.1368**	ng/L
Cu-Precon	63	311	250			-60.321098	**-1.4709**	ng/L
Cu-Precon	65	146	123			-23.666128	**-0.9801**	ng/L
Zn-Precon	66	221	69			-152.831265	**-7.3186**	ng/L
Zn-Precon	68	151	65			-86.035406	**-8.2316**	ng/L
Cd-Precon	111	4	1			-3.661535	**-0.0325**	ng/L
Cd-Precon	114	12	4			-7.568644	**-0.4825**	ng/L
Pb-Precon	208	1281	134			-1146.637277	**-1.1065**	ng/L
Tb-Precon	159	12	1			-11.113436		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV5

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 11:35:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV5.114
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	9144			8828.815994	**206.0127**	ng/L
Fe-Precon	54	133	2270			2137.148621	**380.6972**	ng/L
Fe-Precon	56	2555	43593			41037.605297	**374.9957**	ng/L
Fe-Precon	57	80	1102			1022.603114	**366.5591**	ng/L
Co-Precon	59	33	14927			14893.369858	**105.6750**	ng/L
Ni-Precon	60	27	2008			1980.692728	**85.3080**	ng/L
Cu-Precon	63	311	6101			5789.928761	**103.9319**	ng/L
Cu-Precon	65	146	2897			2750.727904	**105.1926**	ng/L
Zn-Precon	66	221	10502			10280.633363	**569.9313**	ng/L
Zn-Precon	68	151	7063			6912.135834	**580.5758**	ng/L
Cd-Precon	111	4	2155			2150.856079	**108.1114**	ng/L
Cd-Precon	114	12	5619			5607.329942	**108.9033**	ng/L
Pb-Precon	208	1281	31014			29733.396563	**100.0933**	ng/L
Tb-Precon	159	12	1			-10.303046		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 11:45:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.115
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	297			-17.772962	**0.6377**	ng/L
Fe-Precon	54	133	237			103.860339	**9.6859**	ng/L
Fe-Precon	56	2555	4391			1836.227919	**9.0302**	ng/L
Fe-Precon	57	80	125			45.563071	**0.7782**	ng/L
Co-Precon	59	33	20			-13.146426	**0.2285**	ng/L
Ni-Precon	60	27	16			-10.832940	**-1.9456**	ng/L
Cu-Precon	63	311	257			-53.542967	**-1.3488**	ng/L
Cu-Precon	65	146	116			-30.360580	**-1.2363**	ng/L
Zn-Precon	66	221	80			-141.291594	**-6.6801**	ng/L
Zn-Precon	68	151	69			-81.405074	**-7.8420**	ng/L
Cd-Precon	111	4	2			-2.475037	**0.0271**	ng/L
Cd-Precon	114	12	7			-5.170124	**-0.4358**	ng/L
Pb-Precon	208	1281	150			-1130.394510	**-1.0533**	ng/L
Tb-Precon	159	12	2			-9.821660		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB5

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 11:56:22
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB5.116
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	391			76.306028	**2.8217**	ng/L
Fe-Precon	54	133	161			27.378371	**-4.2696**	ng/L
Fe-Precon	56	2555	2951			395.608505	**-4.4188**	ng/L
Fe-Precon	57	80	107			27.342582	**-6.0432**	ng/L
Co-Precon	59	33	33			-0.398286	**0.3186**	ng/L
Ni-Precon	60	27	16			-10.684010	**-1.9391**	ng/L
Cu-Precon	63	311	212			-98.713916	**-2.1626**	ng/L
Cu-Precon	65	146	103			-43.236844	**-1.7290**	ng/L
Zn-Precon	66	221	213			-8.837658	**0.6481**	ng/L
Zn-Precon	68	151	154			3.218092	**-0.7220**	ng/L
Cd-Precon	111	4	3			-1.158987	**0.0932**	ng/L
Cd-Precon	114	12	9			-2.841374	**-0.3904**	ng/L
Pb-Precon	208	1281	430			-850.371568	**-0.1356**	ng/L
Tb-Precon	159	12	3			-8.630317		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 12:06:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.117
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	193			-122.147209	**-1.7854**	ng/L
Fe-Precon	54	133	133			0.056104	**-9.2551**	ng/L
Fe-Precon	56	2555	2570			15.237813	**-7.9697**	ng/L
Fe-Precon	57	80	91			11.761298	**-11.8764**	ng/L
Co-Precon	59	33	15			-18.580215	**0.1900**	ng/L
Ni-Precon	60	27	10			-17.423433	**-2.2344**	ng/L
Cu-Precon	63	311	217			-93.711644	**-2.0725**	ng/L
Cu-Precon	65	146	94			-52.518870	**-2.0842**	ng/L
Zn-Precon	66	221	64			-157.818305	**-7.5945**	ng/L
Zn-Precon	68	151	66			-84.871806	**-8.1337**	ng/L
Cd-Precon	111	4	1			-3.271443	**-0.0129**	ng/L
Cd-Precon	114	12	5			-6.787734	**-0.4673**	ng/L
Pb-Precon	208	1281	124			-1157.110223	**-1.1408**	ng/L
Tb-Precon	159	12	2			-9.558457		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-10
Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 12:17:25
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 139

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-10.118
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	340			25.320178	**1638.0915**	ng/L
Fe-Precon	54	133	107			-26.622113	**-14122.9988**	ng/L
Fe-Precon	56	2555	2225			-330.496499	**-11197.3293**	ng/L
Fe-Precon	57	80	146			66.878770	**8758.2580**	ng/L
Co-Precon	59	33	72			38.563296	**594.2566**	ng/L
Ni-Precon	60	27	63			35.875677	**100.8140**	ng/L
Cu-Precon	63	311	146			-164.550863	**-3348.8204**	ng/L
Cu-Precon	65	146	73			-73.506158	**-2887.3919**	ng/L
Zn-Precon	66	221	125			-96.915861	**-4224.9786**	ng/L
Zn-Precon	68	151	102			-48.964366	**-5112.5315**	ng/L
Cd-Precon	111	4	1			-3.375832	**-18.1167**	ng/L
Cd-Precon	114	12	5			-6.873902	**-468.9956**	ng/L
Pb-Precon	208	1281	242			-1039.270178	**-754.6610**	ng/L
Tb-Precon	159	12	4			-7.719492		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 12:27:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.119
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	129			-186.126000	**-3.2707**	ng/L
Fe-Precon	54	133	117			-16.006886	**-12.1861**	ng/L
Fe-Precon	56	2555	2354			-200.973034	**-9.9882**	ng/L
Fe-Precon	57	80	87			7.255634	**-13.5632**	ng/L
Co-Precon	59	33	14			-19.252084	**0.1853**	ng/L
Ni-Precon	60	27	10			-16.820835	**-2.2080**	ng/L
Cu-Precon	63	311	198			-112.608050	**-2.4130**	ng/L
Cu-Precon	65	146	83			-63.538921	**-2.5060**	ng/L
Zn-Precon	66	221	67			-154.832987	**-7.4293**	ng/L
Zn-Precon	68	151	58			-92.283156	**-8.7573**	ng/L
Cd-Precon	111	4	0			-3.782021	**-0.0385**	ng/L
Cd-Precon	114	12	6			-6.009100	**-0.4521**	ng/L
Pb-Precon	208	1281	125			-1156.202920	**-1.1379**	ng/L
Tb-Precon	159	12	2			-9.762786		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-11

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 12:38:27
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 140

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-11.120
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	320			4.975403	**1165.7843**	ng/L
Fe-Precon	54	133	37438			37304.463837	**6797626.9461**	ng/L
Fe-Precon	56	2555	737923			735367.485705	**6856931.5062**	ng/L
Fe-Precon	57	80	18830			18750.403075	**7003432.8970**	ng/L
Co-Precon	59	33	650			616.344400	**4681.3966**	ng/L
Ni-Precon	60	27	251			223.848712	**8336.3766**	ng/L
Cu-Precon	63	311	350			39.337893	**324.6056**	ng/L
Cu-Precon	65	146	160			13.458756	**440.6479**	ng/L
Zn-Precon	66	221	2386			2164.454884	**120889.3585**	ng/L
Zn-Precon	68	151	1638			1487.334192	**124147.5100**	ng/L
Cd-Precon	111	4	1			-3.651337	**-31.9453**	ng/L
Cd-Precon	114	12	2			-10.160221	**-533.0175**	ng/L
Pb-Precon	208	1281	1299			17.899812	**2709.8891**	ng/L
Tb-Precon	159	12	87			75.523439		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 12:48:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.121
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	105			-210.144107	**-3.8282**	ng/L
Fe-Precon	54	133	788			654.542234	**110.1681**	ng/L
Fe-Precon	56	2555	15324			12768.672934	**111.0903**	ng/L
Fe-Precon	57	80	422			342.236212	**111.8456**	ng/L
Co-Precon	59	33	14			-19.352517	**0.1846**	ng/L
Ni-Precon	60	27	9			-18.147244	**-2.2661**	ng/L
Cu-Precon	63	311	189			-121.747634	**-2.5776**	ng/L
Cu-Precon	65	146	88			-58.617580	**-2.3176**	ng/L
Zn-Precon	66	221	75			-146.857084	**-6.9881**	ng/L
Zn-Precon	68	151	64			-86.866635	**-8.3015**	ng/L
Cd-Precon	111	4	1			-3.058923	**-0.0022**	ng/L
Cd-Precon	114	12	5			-6.540787	**-0.4625**	ng/L
Pb-Precon	208	1281	111			-1169.702675	**-1.1821**	ng/L
Tb-Precon	159	12	2			-9.236378		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-12

Sample Description: 1000x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 12:59:29
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 141

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-12.122
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	185			-130.112955	**-1970.3137**	ng/L
Fe-Precon	54	133	994			861.032812	**147846.1279**	ng/L
Fe-Precon	56	2555	19138			16582.980111	**146698.8988**	ng/L
Fe-Precon	57	80	545			465.339113	**157932.4936**	ng/L
Co-Precon	59	33	857			824.043883	**6150.6327**	ng/L
Ni-Precon	60	27	118			91.083937	**2519.6241**	ng/L
Cu-Precon	63	311	171			-140.009315	**-2906.6599**	ng/L
Cu-Precon	65	146	83			-63.362185	**-2499.1945**	ng/L
Zn-Precon	66	221	334			112.731173	**7374.1144**	ng/L
Zn-Precon	68	151	263			111.886308	**8421.0129**	ng/L
Cd-Precon	111	4	-0			-4.224654	**-60.7224**	ng/L
Cd-Precon	114	12	4			-8.206415	**-494.9548**	ng/L
Pb-Precon	208	1281	287			-993.621790	**-605.0624**	ng/L
Tb-Precon	159	12	10			-2.119484		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 13:09:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.123
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	94			-221.202486	**-4.0850**	ng/L
Fe-Precon	54	133	180			46.465040	**-0.7869**	ng/L
Fe-Precon	56	2555	3328			772.888594	**-0.8966**	ng/L
Fe-Precon	57	80	99			19.314791	**-9.0486**	ng/L
Co-Precon	59	33	14			-19.653815	**0.1824**	ng/L
Ni-Precon	60	27	12			-14.926459	**-2.1250**	ng/L
Cu-Precon	63	311	209			-101.376029	**-2.2106**	ng/L
Cu-Precon	65	146	95			-50.897901	**-2.0222**	ng/L
Zn-Precon	66	221	62			-159.023609	**-7.6612**	ng/L
Zn-Precon	68	151	63			-87.690898	**-8.3709**	ng/L
Cd-Precon	111	4	1			-3.298558	**-0.0142**	ng/L
Cd-Precon	114	12	6			-5.939211	**-0.4508**	ng/L
Pb-Precon	208	1281	113			-1167.430760	**-1.1747**	ng/L
Tb-Precon	159	12	1			-10.611271		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-01RE1

Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 13:20:30
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 142

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-01RE1.124
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	7212			6896.824575	**3223.2235**	ng/L
Fe-Precon	54	133	1627779			1627645.985161	**5939699.4670**	ng/L
Fe-Precon	56	2555	31968559			31966003.704197	**5968227.9725**	ng/L
Fe-Precon	57	80	782302			782221.911874	**5856586.2836**	ng/L
Co-Precon	59	33	12712			12678.384224	**1800.1305**	ng/L
Ni-Precon	60	27	8268			8241.392320	**7192.0949**	ng/L
Cu-Precon	63	311	11470			11158.941762	**4013.2890**	ng/L
Cu-Precon	65	146	5076			4929.835296	**3771.6860**	ng/L
Zn-Precon	66	221	225003			224781.464340	**248751.3849**	ng/L
Zn-Precon	68	151	152324			152173.216914	**256049.0732**	ng/L
Cd-Precon	111	4	32			27.915439	**31.0504**	ng/L
Cd-Precon	114	12	96			83.853846	**25.9701**	ng/L
Pb-Precon	208	1281	31027			29746.027051	**2002.6940**	ng/L
Tb-Precon	159	12	2060			2048.644060		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 13:31:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.125
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	161			-153.941205	**-2.5235**	ng/L
Fe-Precon	54	133	16354			16220.370274	**2950.4425**	ng/L
Fe-Precon	56	2555	317737			315181.709973	**2934.2756**	ng/L
Fe-Precon	57	80	8236			8156.069813	**3037.1622**	ng/L
Co-Precon	59	33	15			-17.897960	**0.1949**	ng/L
Ni-Precon	60	27	24			-3.355849	**-1.6180**	ng/L
Cu-Precon	63	311	281			-29.347427	**-0.9129**	ng/L
Cu-Precon	65	146	127			-19.506561	**-0.8209**	ng/L
Zn-Precon	66	221	128			-93.158500	**-4.0171**	ng/L
Zn-Precon	68	151	104			-46.474434	**-4.9030**	ng/L
Cd-Precon	111	4	1			-3.538623	**-0.0263**	ng/L
Cd-Precon	114	12	3			-8.917825	**-0.5088**	ng/L
Pb-Precon	208	1281	171			-1109.521025	**-0.9849**	ng/L
Tb-Precon	159	12	5			-7.151527		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-DUP3
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 13:41:32
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 143

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-DUP3.126
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	7249			6933.608133	**3240.3022**	ng/L
Fe-Precon	54	133	1644209			1644075.281020	**5999656.0701**	ng/L
Fe-Precon	56	2555	32521663			32519108.079821	**6071498.3961**	ng/L
Fe-Precon	57	80	788714			788634.723418	**5904602.4175**	ng/L
Co-Precon	59	33	12530			12496.777437	**1774.4372**	ng/L
Ni-Precon	60	27	8099			8072.136413	**7043.7846**	ng/L
Cu-Precon	63	311	11505			11194.355936	**4026.0500**	ng/L
Cu-Precon	65	146	5133			4987.088959	**3815.5065**	ng/L
Zn-Precon	66	221	225321			225099.183255	**249102.9521**	ng/L
Zn-Precon	68	151	151916			151765.729064	**255363.3745**	ng/L
Cd-Precon	111	4	35			31.205913	**34.3536**	ng/L
Cd-Precon	114	12	93			81.630773	**25.1039**	ng/L
Pb-Precon	208	1281	30734			29453.157701	**1983.4982**	ng/L
Tb-Precon	159	12	2097			2085.529068		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 13:52:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.127
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	163			-152.593921	**-2.4922**	ng/L
Fe-Precon	54	133	16008			15874.990740	**2887.4216**	ng/L
Fe-Precon	56	2555	311707			309151.616084	**2877.9815**	ng/L
Fe-Precon	57	80	8069			7989.149661	**2974.6712**	ng/L
Co-Precon	59	33	17			-16.578485	**0.2042**	ng/L
Ni-Precon	60	27	27			0.135080	**-1.4651**	ng/L
Cu-Precon	63	311	214			-96.486031	**-2.1225**	ng/L
Cu-Precon	65	146	94			-51.888578	**-2.0601**	ng/L
Zn-Precon	66	221	132			-89.487419	**-3.8140**	ng/L
Zn-Precon	68	151	96			-55.129038	**-5.6312**	ng/L
Cd-Precon	111	4	-1			-5.484350	**-0.1240**	ng/L
Cd-Precon	114	12	3			-8.830879	**-0.5071**	ng/L
Pb-Precon	208	1281	119			-1161.609029	**-1.1556**	ng/L
Tb-Precon	159	12	8			-3.501304		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MS3

Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 14:02:33
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 144

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MS3.128
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	268461			268146.372487	**124522.2317**	ng/L
Fe-Precon	54	133	1762174			1762041.070255	**6430157.0523**	ng/L
Fe-Precon	56	2555	34660242			34657686.746325	**6470793.6004**	ng/L
Fe-Precon	57	80	850406			850326.156999	**6366519.0226**	ng/L
Co-Precon	59	33	440891			440857.470822	**62377.6697**	ng/L
Ni-Precon	60	27	69038			69011.372999	**60441.7513**	ng/L
Cu-Precon	63	311	197856			197545.646343	**71175.1844**	ng/L
Cu-Precon	65	146	93335			93189.074282	**71323.1254**	ng/L
Zn-Precon	66	221	562881			562659.125871	**622624.9724**	ng/L
Zn-Precon	68	151	363113			362962.476408	**610753.9355**	ng/L
Cd-Precon	111	4	66233			66229.134678	**66489.1370**	ng/L
Cd-Precon	114	12	168190			168178.368113	**65520.1515**	ng/L
Pb-Precon	208	1281	1109366			1108085.545151	**72681.2285**	ng/L
Tb-Precon	159	12	2134			2121.981823		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 14:13:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.129
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3506			3191.202817	**75.1346**	ng/L
Fe-Precon	54	133	16859			16725.350018	**3042.5854**	ng/L
Fe-Precon	56	2555	327858			325302.538110	**3028.7589**	ng/L
Fe-Precon	57	80	8547			8467.406504	**3153.7194**	ng/L
Co-Precon	59	33	62			28.329348	**0.5219**	ng/L
Ni-Precon	60	27	148			121.135240	**3.8362**	ng/L
Cu-Precon	63	311	525			214.122317	**3.4737**	ng/L
Cu-Precon	65	146	247			101.081323	**3.7939**	ng/L
Zn-Precon	66	221	151			-70.508415	**-2.7639**	ng/L
Zn-Precon	68	151	110			-40.995410	**-4.4420**	ng/L
Cd-Precon	111	4	6			1.900410	**0.2467**	ng/L
Cd-Precon	114	12	17			5.031638	**-0.2371**	ng/L
Pb-Precon	208	1281	367			-913.579770	**-0.3427**	ng/L
Tb-Precon	159	12	5			-7.075338		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MSD3
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 14:23:34
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 145

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MSD3.130
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	267460			267144.705124	**124057.1543**	ng/L
Fe-Precon	54	133	1746281			1746148.057484	**6372157.5454**	ng/L
Fe-Precon	56	2555	34478230			34475675.303597	**6436810.1434**	ng/L
Fe-Precon	57	80	843152			843072.176415	**6312204.6083**	ng/L
Co-Precon	59	33	443126			443093.042786	**62693.9519**	ng/L
Ni-Precon	60	27	68224			68196.545786	**59727.7595**	ng/L
Cu-Precon	63	311	199526			199215.358422	**71776.8423**	ng/L
Cu-Precon	65	146	94117			93971.177189	**71921.7277**	ng/L
Zn-Precon	66	221	580275			580053.636096	**641872.6134**	ng/L
Zn-Precon	68	151	365570			365419.467756	**614888.4288**	ng/L
Cd-Precon	111	4	66401			66396.969239	**66657.6228**	ng/L
Cd-Precon	114	12	168533			168521.314180	**65653.7726**	ng/L
Pb-Precon	208	1281	1117081			1115799.766538	**73186.8484**	ng/L
Tb-Precon	159	12	2093			2081.770278		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 14:34:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.131
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3939			3624.016376	**85.1824**	ng/L
Fe-Precon	54	133	16835			16701.733701	**3038.2762**	ng/L
Fe-Precon	56	2555	324146			321591.105536	**2994.1107**	ng/L
Fe-Precon	57	80	8423			8343.168938	**3107.2078**	ng/L
Co-Precon	59	33	75			41.361490	**0.6141**	ng/L
Ni-Precon	60	27	150			122.655526	**3.9029**	ng/L
Cu-Precon	63	311	534			222.800767	**3.6300**	ng/L
Cu-Precon	65	146	240			93.752233	**3.5134**	ng/L
Zn-Precon	66	221	190			-31.562999	**-0.6092**	ng/L
Zn-Precon	68	151	135			-16.239959	**-2.3592**	ng/L
Cd-Precon	111	4	11			6.949330	**0.5001**	ng/L
Cd-Precon	114	12	20			8.357663	**-0.1723**	ng/L
Pb-Precon	208	1281	420			-861.107730	**-0.1708**	ng/L
Tb-Precon	159	12	8			-4.103903		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-02RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 14:44:35
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 146

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-02RE1.132
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3378			3062.431270	**1442.9023**	ng/L
Fe-Precon	54	133	69553			69419.428946	**253151.9754**	ng/L
Fe-Precon	56	2555	1454722			1452167.262298	**270972.7124**	ng/L
Fe-Precon	57	80	34719			34639.297207	**259037.2669**	ng/L
Co-Precon	59	33	15672			15638.410878	**2218.9065**	ng/L
Ni-Precon	60	27	640			612.987106	**507.7098**	ng/L
Cu-Precon	63	311	1112			801.280428	**281.0477**	ng/L
Cu-Precon	65	146	496			349.269488	**265.8342**	ng/L
Zn-Precon	66	221	67587			67365.457538	**74565.0036**	ng/L
Zn-Precon	68	151	45707			45556.602262	**76640.3513**	ng/L
Cd-Precon	111	4	-2			-6.352566	**-3.3506**	ng/L
Cd-Precon	114	12	-5			-16.772634	**-13.2367**	ng/L
Pb-Precon	208	1281	954			-326.810350	**31.6041**	ng/L
Tb-Precon	159	12	181			168.829210		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 14:55:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.133
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	939			624.084190	**15.5385**	ng/L
Fe-Precon	54	133	3647			3514.083406	**631.9445**	ng/L
Fe-Precon	56	2555	70610			68055.034796	**627.2177**	ng/L
Fe-Precon	57	80	1835			1755.770542	**641.0398**	ng/L
Co-Precon	59	33	37			3.206938	**0.3442**	ng/L
Ni-Precon	60	27	29			2.320382	**-1.3693**	ng/L
Cu-Precon	63	311	228			-82.514397	**-1.8708**	ng/L
Cu-Precon	65	146	100			-46.077108	**-1.8377**	ng/L
Zn-Precon	66	221	93			-128.931201	**-5.9963**	ng/L
Zn-Precon	68	151	78			-72.494010	**-7.0923**	ng/L
Cd-Precon	111	4	3			-1.658873	**0.0681**	ng/L
Cd-Precon	114	12	8			-3.774967	**-0.4086**	ng/L
Pb-Precon	208	1281	141			-1139.755690	**-1.0840**	ng/L
Tb-Precon	159	12	4			-7.231180		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-05RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 15:05:35
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 147

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-05RE1.134
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1758			1443.163897	**691.0712**	ng/L
Fe-Precon	54	133	751575			751441.912721	**2742105.3493**	ng/L
Fe-Precon	56	2555	15666408			15663853.303632	**2924444.4648**	ng/L
Fe-Precon	57	80	369235			369155.000148	**2763734.4165**	ng/L
Co-Precon	59	33	2076			2042.205225	**295.3546**	ng/L
Ni-Precon	60	27	1403			1376.075124	**1176.3652**	ng/L
Cu-Precon	63	311	1592			1281.657489	**454.1450**	ng/L
Cu-Precon	65	146	738			591.370111	**451.1320**	ng/L
Zn-Precon	66	221	62061			61839.981656	**68450.8690**	ng/L
Zn-Precon	68	151	42040			41888.895721	**70468.5314**	ng/L
Cd-Precon	111	4	15			11.024232	**14.0936**	ng/L
Cd-Precon	114	12	52			39.865687	**8.8311**	ng/L
Pb-Precon	208	1281	3719			2438.388463	**212.8460**	ng/L
Tb-Precon	159	12	302			290.107093		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 15:16:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.135
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	542			226.916891	**6.3182**	ng/L
Fe-Precon	54	133	9706			9572.571519	**1737.4282**	ng/L
Fe-Precon	56	2555	189749			187194.073592	**1739.4435**	ng/L
Fe-Precon	57	80	4945			4865.004283	**1805.0643**	ng/L
Co-Precon	59	33	34			0.938501	**0.3281**	ng/L
Ni-Precon	60	27	17			-10.206096	**-1.9181**	ng/L
Cu-Precon	63	311	236			-74.354836	**-1.7238**	ng/L
Cu-Precon	65	146	106			-39.870813	**-1.6002**	ng/L
Zn-Precon	66	221	84			-136.983346	**-6.4418**	ng/L
Zn-Precon	68	151	75			-75.607544	**-7.3542**	ng/L
Cd-Precon	111	4	1			-3.067460	**-0.0026**	ng/L
Cd-Precon	114	12	3			-9.199460	**-0.5143**	ng/L
Pb-Precon	208	1281	118			-1162.980415	**-1.1601**	ng/L
Tb-Precon	159	12	6			-5.350659		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-06RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 15:26:35
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 148

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-06RE1.136
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	706			391.054455	**202.5734**	ng/L
Fe-Precon	54	133	156507			156373.650349	**570480.2276**	ng/L
Fe-Precon	56	2555	3290530			3287975.165055	**613737.4202**	ng/L
Fe-Precon	57	80	80501			80420.927432	**601828.7045**	ng/L
Co-Precon	59	33	2717			2683.391169	**386.0677**	ng/L
Ni-Precon	60	27	2522			2495.399746	**2157.1727**	ng/L
Cu-Precon	63	311	374			63.185153	**15.0851**	ng/L
Cu-Precon	65	146	189			42.498432	**31.0392**	ng/L
Zn-Precon	66	221	16686			16464.135504	**18240.8897**	ng/L
Zn-Precon	68	151	11433			11282.492536	**18965.7174**	ng/L
Cd-Precon	111	4	28			24.242397	**27.3631**	ng/L
Cd-Precon	114	12	101			88.846925	**27.9155**	ng/L
Pb-Precon	208	1281	502			-778.846817	**1.9759**	ng/L
Tb-Precon	159	12	175			163.519659		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 15:37:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.137
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	318			3.098713	**1.1222**	ng/L
Fe-Precon	54	133	4130			3997.024775	**720.0661**	ng/L
Fe-Precon	56	2555	80615			78059.858738	**720.6180**	ng/L
Fe-Precon	57	80	2073			1993.279617	**729.9577**	ng/L
Co-Precon	59	33	31			-2.780997	**0.3018**	ng/L
Ni-Precon	60	27	15			-12.540301	**-2.0204**	ng/L
Cu-Precon	63	311	154			-156.693081	**-3.2072**	ng/L
Cu-Precon	65	146	75			-71.535679	**-2.8120**	ng/L
Zn-Precon	66	221	93			-128.834182	**-5.9909**	ng/L
Zn-Precon	68	151	73			-77.560831	**-7.5186**	ng/L
Cd-Precon	111	4	2			-2.516673	**0.0250**	ng/L
Cd-Precon	114	12	5			-6.817346	**-0.4679**	ng/L
Pb-Precon	208	1281	122			-1159.035772	**-1.1472**	ng/L
Tb-Precon	159	12	6			-5.541136		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV6

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 15:47:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV6.138
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	8386			8070.702438	**188.4129**	ng/L
Fe-Precon	54	133	3373			3239.867682	**581.9087**	ng/L
Fe-Precon	56	2555	66517			63962.187385	**589.0088**	ng/L
Fe-Precon	57	80	1753			1673.342134	**610.1806**	ng/L
Co-Precon	59	33	14730			14696.673161	**104.2836**	ng/L
Ni-Precon	60	27	1900			1873.207834	**80.5989**	ng/L
Cu-Precon	63	311	6270			5959.768594	**106.9919**	ng/L
Cu-Precon	65	146	2917			2770.505651	**105.9494**	ng/L
Zn-Precon	66	221	10906			10684.562428	**592.2794**	ng/L
Zn-Precon	68	151	7213			7062.604341	**593.2358**	ng/L
Cd-Precon	111	4	2166			2161.753468	**108.6584**	ng/L
Cd-Precon	114	12	5548			5536.052935	**107.5147**	ng/L
Pb-Precon	208	1281	30843			29562.383553	**99.5329**	ng/L
Tb-Precon	159	12	5			-6.666677		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 15:58:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.139
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	293			-22.427159	**0.5296**	ng/L
Fe-Precon	54	133	1063			929.748440	**160.3846**	ng/L
Fe-Precon	56	2555	20416			17861.253127	**158.6323**	ng/L
Fe-Precon	57	80	575			495.173223	**169.1017**	ng/L
Co-Precon	59	33	32			-1.797445	**0.3088**	ng/L
Ni-Precon	60	27	16			-11.116918	**-1.9580**	ng/L
Cu-Precon	63	311	189			-122.059148	**-2.5833**	ng/L
Cu-Precon	65	146	90			-55.985569	**-2.2169**	ng/L
Zn-Precon	66	221	76			-145.523739	**-6.9143**	ng/L
Zn-Precon	68	151	59			-91.271879	**-8.6722**	ng/L
Cd-Precon	111	4	2			-1.960234	**0.0529**	ng/L
Cd-Precon	114	12	3			-8.610829	**-0.5028**	ng/L
Pb-Precon	208	1281	96			-1184.854355	**-1.2318**	ng/L
Tb-Precon	159	12	2			-9.277937		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB6

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 16:08:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB6.140
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	427			111.884615	**3.6477**	ng/L
Fe-Precon	54	133	909			775.439589	**132.2281**	ng/L
Fe-Precon	56	2555	17740			15185.108078	**133.6490**	ng/L
Fe-Precon	57	80	496			416.624627	**139.6949**	ng/L
Co-Precon	59	33	73			39.969522	**0.6042**	ng/L
Ni-Precon	60	27	17			-10.126439	**-1.9147**	ng/L
Cu-Precon	63	311	175			-135.409641	**-2.8238**	ng/L
Cu-Precon	65	146	84			-62.721522	**-2.4747**	ng/L
Zn-Precon	66	221	214			-7.195605	**0.7390**	ng/L
Zn-Precon	68	151	158			7.000145	**-0.4038**	ng/L
Cd-Precon	111	4	2			-2.003702	**0.0508**	ng/L
Cd-Precon	114	12	6			-6.060456	**-0.4531**	ng/L
Pb-Precon	208	1281	305			-976.069465	**-0.5475**	ng/L
Tb-Precon	159	12	2			-9.516898		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 16:19:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.141
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	187			-127.743644	**-1.9153**	ng/L
Fe-Precon	54	133	750			616.820776	**103.2851**	ng/L
Fe-Precon	56	2555	13940			11385.289583	**98.1757**	ng/L
Fe-Precon	57	80	387			307.022623	**98.6625**	ng/L
Co-Precon	59	33	25			-8.277118	**0.2629**	ng/L
Ni-Precon	60	27	12			-15.470184	**-2.1488**	ng/L
Cu-Precon	63	311	162			-148.851603	**-3.0660**	ng/L
Cu-Precon	65	146	73			-72.851649	**-2.8623**	ng/L
Zn-Precon	66	221	80			-141.056041	**-6.6671**	ng/L
Zn-Precon	68	151	69			-81.387731	**-7.8405**	ng/L
Cd-Precon	111	4	2			-2.050426	**0.0484**	ng/L
Cd-Precon	114	12	3			-8.242682	**-0.4957**	ng/L
Pb-Precon	208	1281	90			-1190.388646	**-1.2499**	ng/L
Tb-Precon	159	12	3			-9.073608		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-07RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 16:29:45
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 149

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-07RE1.142
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	313			-2.411319	**19.8860**	ng/L
Fe-Precon	54	133	453965			453831.818743	**1656015.5720**	ng/L
Fe-Precon	56	2555	9680501			9677946.023615	**1806812.4095**	ng/L
Fe-Precon	57	80	232177			232097.209799	**1737509.7765**	ng/L
Co-Precon	59	33	969			936.182210	**138.8777**	ng/L
Ni-Precon	60	27	787			759.578372	**636.1603**	ng/L
Cu-Precon	63	311	479			168.496285	**53.0326**	ng/L
Cu-Precon	65	146	250			104.147175	**78.2236**	ng/L
Zn-Precon	66	221	12856			12634.988186	**14003.8027**	ng/L
Zn-Precon	68	151	8855			8704.345410	**14627.3497**	ng/L
Cd-Precon	111	4	7			2.624805	**5.6616**	ng/L
Cd-Precon	114	12	29			16.866867	**-0.1299**	ng/L
Pb-Precon	208	1281	332			-948.674563	**-9.1552**	ng/L
Tb-Precon	159	12	54			42.237656		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 16:40:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.143
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	153			-162.457246	**-2.7212**	ng/L
Fe-Precon	54	133	7030			6896.738906	**1249.1728**	ng/L
Fe-Precon	56	2555	136811			134256.136690	**1245.2399**	ng/L
Fe-Precon	57	80	3534			3454.632262	**1277.0540**	ng/L
Co-Precon	59	33	26			-7.470215	**0.2686**	ng/L
Ni-Precon	60	27	11			-16.505685	**-2.1941**	ng/L
Cu-Precon	63	311	139			-172.191372	**-3.4865**	ng/L
Cu-Precon	65	146	64			-82.112457	**-3.2167**	ng/L
Zn-Precon	66	221	65			-156.422709	**-7.5173**	ng/L
Zn-Precon	68	151	60			-90.710845	**-8.6250**	ng/L
Cd-Precon	111	4	1			-3.678008	**-0.0333**	ng/L
Cd-Precon	114	12	4			-7.573839	**-0.4826**	ng/L
Pb-Precon	208	1281	85			-1196.127256	**-1.2687**	ng/L
Tb-Precon	159	12	2			-9.298716		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-DUP4
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 16:50:47
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 150

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-DUP4.144
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	239			-75.947851	**-14.2572**	ng/L
Fe-Precon	54	133	464091			463957.208313	**1692966.8795**	ng/L
Fe-Precon	56	2555	9906157			9903601.925924	**1848944.7477**	ng/L
Fe-Precon	57	80	237196			237116.694251	**1775093.3288**	ng/L
Co-Precon	59	33	701			667.439990	**100.8568**	ng/L
Ni-Precon	60	27	750			723.215996	**604.2978**	ng/L
Cu-Precon	63	311	410			99.337857	**28.1123**	ng/L
Cu-Precon	65	146	221			74.846711	**55.7978**	ng/L
Zn-Precon	66	221	12341			12119.540819	**13433.4420**	ng/L
Zn-Precon	68	151	8667			8516.555892	**14311.3475**	ng/L
Cd-Precon	111	4	3			-1.218663	**1.8032**	ng/L
Cd-Precon	114	12	36			24.072240	**2.6775**	ng/L
Pb-Precon	208	1281	331			-949.701904	**-9.2226**	ng/L
Tb-Precon	159	12	62			50.303616		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 17:01:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.145
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	119			-195.809261	**-3.4955**	ng/L
Fe-Precon	54	133	6937			6804.174951	**1232.2828**	ng/L
Fe-Precon	56	2555	135062			132507.028882	**1228.9111**	ng/L
Fe-Precon	57	80	3519			3439.418965	**1271.3584**	ng/L
Co-Precon	59	33	26			-7.033831	**0.2717**	ng/L
Ni-Precon	60	27	11			-16.138580	**-2.1781**	ng/L
Cu-Precon	63	311	162			-149.170439	**-3.0717**	ng/L
Cu-Precon	65	146	73			-73.028295	**-2.8691**	ng/L
Zn-Precon	66	221	73			-148.924657	**-7.1025**	ng/L
Zn-Precon	68	151	64			-86.689962	**-8.2867**	ng/L
Cd-Precon	111	4	2			-2.627405	**0.0194**	ng/L
Cd-Precon	114	12	4			-7.485482	**-0.4809**	ng/L
Pb-Precon	208	1281	87			-1193.425886	**-1.2599**	ng/L
Tb-Precon	159	12	2			-9.513434		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MS4

Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 17:11:50
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 151

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MS4.146
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	236010			235694.701617	**109454.8162**	ng/L
Fe-Precon	54	133	543123			542989.207815	**1981384.0013**	ng/L
Fe-Precon	56	2555	11604350			11601794.872453	**2166015.2909**	ng/L
Fe-Precon	57	80	278276			278196.053469	**2082676.3601**	ng/L
Co-Precon	59	33	429141			429107.807343	**60715.3613**	ng/L
Ni-Precon	60	27	57813			57785.712508	**50605.2736**	ng/L
Cu-Precon	63	311	182909			182598.726587	**65789.2667**	ng/L
Cu-Precon	65	146	86441			86294.413795	**66046.1227**	ng/L
Zn-Precon	66	221	335180			334958.880857	**370666.5947**	ng/L
Zn-Precon	68	151	224931			224779.925770	**378227.7493**	ng/L
Cd-Precon	111	4	66362			66357.332818	**66617.8326**	ng/L
Cd-Precon	114	12	167638			167626.571343	**65305.1566**	ng/L
Pb-Precon	208	1281	1057792			1056511.401135	**69300.8600**	ng/L
Tb-Precon	159	12	59			47.339062		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 17:22:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.147
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1179			864.041953	**21.1092**	ng/L
Fe-Precon	54	133	7542			7408.390621	**1342.5332**	ng/L
Fe-Precon	56	2555	147358			144803.357106	**1343.7038**	ng/L
Fe-Precon	57	80	3866			3785.964794	**1401.0971**	ng/L
Co-Precon	59	33	79			45.486404	**0.6432**	ng/L
Ni-Precon	60	27	124			97.252190	**2.7899**	ng/L
Cu-Precon	63	311	492			180.836604	**2.8740**	ng/L
Cu-Precon	65	146	232			85.998794	**3.2167**	ng/L
Zn-Precon	66	221	122			-99.634977	**-4.3754**	ng/L
Zn-Precon	68	151	96			-54.602665	**-5.5869**	ng/L
Cd-Precon	111	4	9			4.490507	**0.3767**	ng/L
Cd-Precon	114	12	20			8.330977	**-0.1728**	ng/L
Pb-Precon	208	1281	351			-929.582046	**-0.3952**	ng/L
Tb-Precon	159	12	3			-8.855425		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122257-MSD4

Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 17:32:52
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 152

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122257-MSD4.148
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	237278			236963.283903	**110043.8230**	ng/L
Fe-Precon	54	133	548154			548020.834163	**1999746.2748**	ng/L
Fe-Precon	56	2555	11677469			11674913.920746	**2179667.3888**	ng/L
Fe-Precon	57	80	279990			279910.689168	**2095514.7504**	ng/L
Co-Precon	59	33	428140			428106.951369	**60573.7630**	ng/L
Ni-Precon	60	27	57883			57855.904223	**50666.7790**	ng/L
Cu-Precon	63	311	182799			182488.121497	**65749.4116**	ng/L
Cu-Precon	65	146	87005			86858.593119	**66477.9317**	ng/L
Zn-Precon	66	221	334242			334020.314727	**369628.0380**	ng/L
Zn-Precon	68	151	224299			224148.232485	**377164.7697**	ng/L
Cd-Precon	111	4	66480			66475.474549	**66736.4327**	ng/L
Cd-Precon	114	12	167981			167969.498667	**65438.7703**	ng/L
Pb-Precon	208	1281	1056593			1055312.498071	**69222.2793**	ng/L
Tb-Precon	159	12	67			55.339170		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 17:43:22
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.149
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1253			938.230650	**22.8315**	ng/L
Fe-Precon	54	133	7005			6871.977047	**1244.6545**	ng/L
Fe-Precon	56	2555	135233			132677.635536	**1230.5038**	ng/L
Fe-Precon	57	80	3565			3485.235321	**1288.5110**	ng/L
Co-Precon	59	33	85			51.224971	**0.6838**	ng/L
Ni-Precon	60	27	145			117.588962	**3.6809**	ng/L
Cu-Precon	63	311	476			165.670292	**2.6007**	ng/L
Cu-Precon	65	146	224			78.046365	**2.9123**	ng/L
Zn-Precon	66	221	120			-101.761506	**-4.4931**	ng/L
Zn-Precon	68	151	93			-57.858278	**-5.8608**	ng/L
Cd-Precon	111	4	9			5.247618	**0.4147**	ng/L
Cd-Precon	114	12	19			7.775487	**-0.1836**	ng/L
Pb-Precon	208	1281	330			-951.035428	**-0.4655**	ng/L
Tb-Precon	159	12	5			-6.632043		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-08RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 17:53:53
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 153

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-08RE1.150
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	823			508.345403	**257.0320**	ng/L
Fe-Precon	54	133	2788			2654.456306	**9501.7910**	ng/L
Fe-Precon	56	2555	60033			57478.159931	**10569.5396**	ng/L
Fe-Precon	57	80	3979			3899.812729	**28874.3822**	ng/L
Co-Precon	59	33	5781			5747.511688	**819.5706**	ng/L
Ni-Precon	60	27	15121			15094.208850	**13196.8710**	ng/L
Cu-Precon	63	311	1626			1315.184524	**466.2260**	ng/L
Cu-Precon	65	146	786			639.476254	**487.9513**	ng/L
Zn-Precon	66	221	58544			58322.090199	**64558.1977**	ng/L
Zn-Precon	68	151	39692			39541.232093	**66518.0090**	ng/L
Cd-Precon	111	4	92			87.357271	**90.7228**	ng/L
Cd-Precon	114	12	236			223.796148	**80.4954**	ng/L
Pb-Precon	208	1281	320			-961.213346	**-9.9771**	ng/L
Tb-Precon	159	12	77			65.140306		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 18:04:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.151
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	277			-38.376393	**0.1594**	ng/L
Fe-Precon	54	133	1134			1000.764319	**173.3427**	ng/L
Fe-Precon	56	2555	21799			19244.104981	**171.5419**	ng/L
Fe-Precon	57	80	614			534.370384	**183.7762**	ng/L
Co-Precon	59	33	37			3.847620	**0.3487**	ng/L
Ni-Precon	60	27	64			36.634253	**0.1340**	ng/L
Cu-Precon	63	311	219			-91.903031	**-2.0399**	ng/L
Cu-Precon	65	146	106			-40.258560	**-1.6150**	ng/L
Zn-Precon	66	221	88			-133.637890	**-6.2567**	ng/L
Zn-Precon	68	151	68			-82.277787	**-7.9154**	ng/L
Cd-Precon	111	4	1			-3.455885	**-0.0221**	ng/L
Cd-Precon	114	12	2			-9.385571	**-0.5179**	ng/L
Pb-Precon	208	1281	108			-1173.269774	**-1.1938**	ng/L
Tb-Precon	159	12	4			-7.542870		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-09RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 18:14:55
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 154

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-09RE1.152
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3127			2812.366848	**1326.7966**	ng/L
Fe-Precon	54	133	1499			1365.773311	**4798.9081**	ng/L
Fe-Precon	56	2555	35590			33034.950911	**6005.7345**	ng/L
Fe-Precon	57	80	3854			3774.539813	**27936.3972**	ng/L
Co-Precon	59	33	1946			1912.744734	**277.0389**	ng/L
Ni-Precon	60	27	2286			2258.610802	**1949.6865**	ng/L
Cu-Precon	63	311	1475			1164.492532	**411.9262**	ng/L
Cu-Precon	65	146	736			590.031657	**450.1076**	ng/L
Zn-Precon	66	221	1736			1514.585859	**1698.6841**	ng/L
Zn-Precon	68	151	1313			1161.757044	**1935.0864**	ng/L
Cd-Precon	111	4	5			0.429721	**3.4580**	ng/L
Cd-Precon	114	12	11			-0.891699	**-7.0491**	ng/L
Pb-Precon	208	1281	1062			-218.742442	**38.6873**	ng/L
Tb-Precon	159	12	39			27.279877		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 18:25:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.153
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	168			-147.422794	**-2.3722**	ng/L
Fe-Precon	54	133	624			490.873122	**80.3036**	ng/L
Fe-Precon	56	2555	12282			9726.705374	**82.6920**	ng/L
Fe-Precon	57	80	360			280.415295	**88.7013**	ng/L
Co-Precon	59	33	33			0.162756	**0.3226**	ng/L
Ni-Precon	60	27	19			-7.941138	**-1.8189**	ng/L
Cu-Precon	63	311	217			-93.531125	**-2.0693**	ng/L
Cu-Precon	65	146	108			-38.114816	**-1.5330**	ng/L
Zn-Precon	66	221	72			-149.845843	**-7.1534**	ng/L
Zn-Precon	68	151	65			-85.311534	**-8.1707**	ng/L
Cd-Precon	111	4	1			-3.236539	**-0.0111**	ng/L
Cd-Precon	114	12	2			-9.316510	**-0.5166**	ng/L
Pb-Precon	208	1281	94			-1186.499404	**-1.2372**	ng/L
Tb-Precon	159	12	2			-9.942872		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-10RE1
Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 18:35:56
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 155

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-10RE1.154
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2942			2627.334866	**1240.8856**	ng/L
Fe-Precon	54	133	1184			1050.877726	**3649.7372**	ng/L
Fe-Precon	56	2555	27791			25235.542295	**4549.5026**	ng/L
Fe-Precon	57	80	2878			2798.742959	**20630.0867**	ng/L
Co-Precon	59	33	1949			1915.202290	**277.3866**	ng/L
Ni-Precon	60	27	2181			2154.359085	**1858.3360**	ng/L
Cu-Precon	63	311	1030			719.688073	**251.6470**	ng/L
Cu-Precon	65	146	525			379.090747	**288.6586**	ng/L
Zn-Precon	66	221	1772			1550.162882	**1738.0513**	ng/L
Zn-Precon	68	151	1308			1157.419513	**1927.7875**	ng/L
Cd-Precon	111	4	2			-2.454895	**0.5622**	ng/L
Cd-Precon	114	12	9			-2.460536	**-7.6603**	ng/L
Pb-Precon	208	1281	565			-715.340882	**6.1384**	ng/L
Tb-Precon	159	12	38			26.275550		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 18:46:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.155
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	126			-189.481859	**-3.3486**	ng/L
Fe-Precon	54	133	425			292.025241	**44.0201**	ng/L
Fe-Precon	56	2555	8454			5898.990718	**46.9582**	ng/L
Fe-Precon	57	80	245			165.115431	**45.5358**	ng/L
Co-Precon	59	33	34			0.772292	**0.3269**	ng/L
Ni-Precon	60	27	19			-7.726428	**-1.8095**	ng/L
Cu-Precon	63	311	164			-146.323761	**-3.0204**	ng/L
Cu-Precon	65	146	78			-68.141621	**-2.6821**	ng/L
Zn-Precon	66	221	70			-150.940306	**-7.2140**	ng/L
Zn-Precon	68	151	66			-84.425047	**-8.0961**	ng/L
Cd-Precon	111	4	1			-3.120681	**-0.0053**	ng/L
Cd-Precon	114	12	5			-6.696754	**-0.4655**	ng/L
Pb-Precon	208	1281	82			-1199.154111	**-1.2786**	ng/L
Tb-Precon	159	12	3			-8.661486		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-11RE1

Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 18:56:57
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 156

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-11RE1.156
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5176			4860.693914	**2277.8415**	ng/L
Fe-Precon	54	133	1933140			1933007.171335	**7054075.8588**	ng/L
Fe-Precon	56	2555	38137896			38135341.226940	**7120108.3898**	ng/L
Fe-Precon	57	80	958193			958113.650587	**7173581.3685**	ng/L
Co-Precon	59	33	14728			14695.095618	**2085.4489**	ng/L
Ni-Precon	60	27	11451			11423.885498	**9980.7525**	ng/L
Cu-Precon	63	311	11869			11558.622457	**4157.3085**	ng/L
Cu-Precon	65	146	5358			5211.576340	**3987.3236**	ng/L
Zn-Precon	66	221	115792			115570.560071	**127905.6552**	ng/L
Zn-Precon	68	151	78354			78203.645036	**131577.0442**	ng/L
Cd-Precon	111	4	8			3.459296	**6.4993**	ng/L
Cd-Precon	114	12	36			24.001821	**2.6501**	ng/L
Pb-Precon	208	1281	52186			50905.452190	**3389.5644**	ng/L
Tb-Precon	159	12	4156			4144.265878		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 19:07:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.157
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	133			-182.489205	**-3.1862**	ng/L
Fe-Precon	54	133	16336			16202.574462	**2947.1953**	ng/L
Fe-Precon	56	2555	317300			314744.612942	**2930.1951**	ng/L
Fe-Precon	57	80	8304			8224.168045	**3062.6566**	ng/L
Co-Precon	59	33	35			1.482235	**0.3320**	ng/L
Ni-Precon	60	27	33			5.828669	**-1.2156**	ng/L
Cu-Precon	63	311	208			-102.546472	**-2.2317**	ng/L
Cu-Precon	65	146	99			-47.458865	**-1.8906**	ng/L
Zn-Precon	66	221	90			-131.161453	**-6.1197**	ng/L
Zn-Precon	68	151	73			-77.886207	**-7.5459**	ng/L
Cd-Precon	111	4	0			-3.795177	**-0.0392**	ng/L
Cd-Precon	114	12	2			-9.223393	**-0.5148**	ng/L
Pb-Precon	208	1281	100			-1180.604840	**-1.2178**	ng/L
Tb-Precon	159	12	6			-5.665809		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1248018-12RE1

Sample Description: 20x
Batch ID: B122257

Sample Date/Time: Saturday, December 22, 2012 19:17:58
Diluted To Volume (mL): 20.00
Aliquot Volume (mL): 1
Autosampler Position: 157

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1248018-12RE1.158
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	511			195.685008	**111.8628**	ng/L
Fe-Precon	54	133	46607			46473.690313	**169414.4522**	ng/L
Fe-Precon	56	2555	961065			958510.421025	**178801.7709**	ng/L
Fe-Precon	57	80	23434			23354.354137	**174540.8905**	ng/L
Co-Precon	59	33	41180			41146.301232	**5827.6890**	ng/L
Ni-Precon	60	27	5306			5278.453377	**4595.8216**	ng/L
Cu-Precon	63	311	1158			847.328764	**297.6406**	ng/L
Cu-Precon	65	146	534			387.554382	**295.1365**	ng/L
Zn-Precon	66	221	9384			9162.411859	**10161.2742**	ng/L
Zn-Precon	68	151	6242			6090.938009	**10229.6478**	ng/L
Cd-Precon	111	4	-15			-19.531031	**-16.5802**	ng/L
Cd-Precon	114	12	-19			-30.772865	**-18.6916**	ng/L
Pb-Precon	208	1281	1492			211.664518	**66.8979**	ng/L
Tb-Precon	159	12	325			313.286493		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 19:28:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.159
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	85			-230.064952	**-4.2907**	ng/L
Fe-Precon	54	133	2888			2754.876862	**493.4131**	ng/L
Fe-Precon	56	2555	55493			52937.891778	**486.0912**	ng/L
Fe-Precon	57	80	1433			1353.836340	**490.5651**	ng/L
Co-Precon	59	33	30			-3.716077	**0.2952**	ng/L
Ni-Precon	60	27	22			-4.671851	**-1.6757**	ng/L
Cu-Precon	63	311	180			-130.229240	**-2.7305**	ng/L
Cu-Precon	65	146	87			-59.400249	**-2.3476**	ng/L
Zn-Precon	66	221	77			-144.495036	**-6.8574**	ng/L
Zn-Precon	68	151	66			-85.131498	**-8.1555**	ng/L
Cd-Precon	111	4	0			-4.043051	**-0.0516**	ng/L
Cd-Precon	114	12	2			-9.785685	**-0.5257**	ng/L
Pb-Precon	208	1281	83			-1197.654557	**-1.2737**	ng/L
Tb-Precon	159	12	5			-6.625118		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV7

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 19:39:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV7.160
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	7529			7214.043578	**168.5255**	ng/L
Fe-Precon	54	133	3519			3385.801469	**608.5371**	ng/L
Fe-Precon	56	2555	67978			65422.687025	**602.6433**	ng/L
Fe-Precon	57	80	1817			1737.288394	**634.1206**	ng/L
Co-Precon	59	33	14516			14482.251951	**102.7668**	ng/L
Ni-Precon	60	27	1833			1805.977481	**77.6533**	ng/L
Cu-Precon	63	311	6093			5782.478518	**103.7977**	ng/L
Cu-Precon	65	146	2889			2742.813566	**104.8897**	ng/L
Zn-Precon	66	221	10968			10746.766917	**595.7210**	ng/L
Zn-Precon	68	151	7248			7097.357029	**596.1598**	ng/L
Cd-Precon	111	4	2181			2177.071289	**109.4273**	ng/L
Cd-Precon	114	12	5519			5506.871921	**106.9462**	ng/L
Pb-Precon	208	1281	30502			29220.786072	**98.4134**	ng/L
Tb-Precon	159	12	8			-4.038099		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 19:49:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.161
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	114			-200.751385	**-3.6102**	ng/L
Fe-Precon	54	133	959			825.394355	**141.3432**	ng/L
Fe-Precon	56	2555	19154			16598.842805	**146.8470**	ng/L
Fe-Precon	57	80	519			439.743509	**148.3501**	ng/L
Co-Precon	59	33	32			-1.146344	**0.3134**	ng/L
Ni-Precon	60	27	15			-12.020818	**-1.9976**	ng/L
Cu-Precon	63	311	178			-132.459780	**-2.7706**	ng/L
Cu-Precon	65	146	92			-54.201860	**-2.1486**	ng/L
Zn-Precon	66	221	72			-149.741880	**-7.1477**	ng/L
Zn-Precon	68	151	60			-90.534113	**-8.6101**	ng/L
Cd-Precon	111	4	2			-2.550275	**0.0233**	ng/L
Cd-Precon	114	12	2			-9.271297	**-0.5157**	ng/L
Pb-Precon	208	1281	83			-1197.519470	**-1.2733**	ng/L
Tb-Precon	159	12	2			-10.025989		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB7

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 20:00:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB7.162
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	147			-168.154191	**-2.8534**	ng/L
Fe-Precon	54	133	906			772.508013	**131.6931**	ng/L
Fe-Precon	56	2555	17806			15250.855400	**134.2628**	ng/L
Fe-Precon	57	80	479			399.689932	**133.3550**	ng/L
Co-Precon	59	33	69			35.418799	**0.5720**	ng/L
Ni-Precon	60	27	23			-4.242434	**-1.6569**	ng/L
Cu-Precon	63	311	156			-154.468387	**-3.1672**	ng/L
Cu-Precon	65	146	79			-67.795109	**-2.6688**	ng/L
Zn-Precon	66	221	196			-25.752989	**-0.2878**	ng/L
Zn-Precon	68	151	148			-2.687023	**-1.2189**	ng/L
Cd-Precon	111	4	2			-2.679187	**0.0169**	ng/L
Cd-Precon	114	12	5			-6.256552	**-0.4570**	ng/L
Pb-Precon	208	1281	272			-1008.413728	**-0.6535**	ng/L
Tb-Precon	159	12	3			-9.212135		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 20:10:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.163
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	65			-249.909501	**-4.7514**	ng/L
Fe-Precon	54	133	592			458.215623	**74.3447**	ng/L
Fe-Precon	56	2555	11544			8988.862347	**75.8038**	ng/L
Fe-Precon	57	80	307			227.594385	**68.9264**	ng/L
Co-Precon	59	33	28			-5.783621	**0.2806**	ng/L
Ni-Precon	60	27	12			-14.961093	**-2.1265**	ng/L
Cu-Precon	63	311	164			-146.635327	**-3.0260**	ng/L
Cu-Precon	65	146	78			-68.460221	**-2.6943**	ng/L
Zn-Precon	66	221	73			-148.218144	**-7.0634**	ng/L
Zn-Precon	68	151	68			-82.606763	**-7.9431**	ng/L
Cd-Precon	111	4	1			-3.051561	**-0.0018**	ng/L
Cd-Precon	114	12	2			-10.108578	**-0.5320**	ng/L
Pb-Precon	208	1281	78			-1202.766266	**-1.2905**	ng/L
Tb-Precon	159	12	2			-9.475340		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-BLK1

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 20:21:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 201

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-BLK1.164
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	153			-161.632942	**-2.7021**	ng/L
Fe-Precon	54	133	513			379.709064	**60.0197**	ng/L
Fe-Precon	56	2555	10584			8028.542120	**66.8387**	ng/L
Fe-Precon	57	80	299			219.336266	**65.8348**	ng/L
Co-Precon	59	33	66			33.004784	**0.5549**	ng/L
Ni-Precon	60	27	24			-3.016430	**-1.6031**	ng/L
Cu-Precon	63	311	170			-140.469982	**-2.9150**	ng/L
Cu-Precon	65	146	76			-69.918106	**-2.7501**	ng/L
Zn-Precon	66	221	121			-100.240800	**-4.4089**	ng/L
Zn-Precon	68	151	105			-46.221439	**-4.8817**	ng/L
Cd-Precon	111	4	0			-3.961098	**-0.0475**	ng/L
Cd-Precon	114	12	2			-9.890237	**-0.5278**	ng/L
Pb-Precon	208	1281	158			-1122.299981	**-1.0268**	ng/L
Tb-Precon	159	12	3			-8.789625		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 20:31:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.165
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	49			-265.785145	**-5.1200**	ng/L
Fe-Precon	54	133	444			310.275067	**47.3501**	ng/L
Fe-Precon	56	2555	8799			6243.550796	**50.1749**	ng/L
Fe-Precon	57	80	259			179.021396	**50.7418**	ng/L
Co-Precon	59	33	25			-8.211334	**0.2634**	ng/L
Ni-Precon	60	27	11			-16.398321	**-2.1894**	ng/L
Cu-Precon	63	311	182			-128.289912	**-2.6955**	ng/L
Cu-Precon	65	146	86			-60.214289	**-2.3787**	ng/L
Zn-Precon	66	221	74			-147.352360	**-7.0155**	ng/L
Zn-Precon	68	151	63			-87.562673	**-8.3601**	ng/L
Cd-Precon	111	4	0			-3.901842	**-0.0445**	ng/L
Cd-Precon	114	12	4			-7.266907	**-0.4767**	ng/L
Pb-Precon	208	1281	78			-1203.026022	**-1.2913**	ng/L
Tb-Precon	159	12	2			-9.717764		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-BLK2

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 20:42:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 202

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-BLK2.166
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	159			-155.866453	**-2.5682**	ng/L
Fe-Precon	54	133	1092			958.510165	**165.6327**	ng/L
Fe-Precon	56	2555	21304			18749.376634	**166.9234**	ng/L
Fe-Precon	57	80	586			506.103829	**173.1939**	ng/L
Co-Precon	59	33	65			32.114786	**0.5486**	ng/L
Ni-Precon	60	27	17			-10.112578	**-1.9140**	ng/L
Cu-Precon	63	311	142			-168.827944	**-3.4259**	ng/L
Cu-Precon	65	146	64			-81.901046	**-3.2087**	ng/L
Zn-Precon	66	221	248			26.559017	**2.6065**	ng/L
Zn-Precon	68	151	176			25.542893	**1.1563**	ng/L
Cd-Precon	111	4	0			-4.104969	**-0.0547**	ng/L
Cd-Precon	114	12	2			-9.670709	**-0.5235**	ng/L
Pb-Precon	208	1281	108			-1173.231615	**-1.1937**	ng/L
Tb-Precon	159	12	2			-10.084863		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 20:52:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.167
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	52			-263.322702	**-5.0628**	ng/L
Fe-Precon	54	133	348			214.886403	**29.9447**	ng/L
Fe-Precon	56	2555	6741			4185.719361	**30.9639**	ng/L
Fe-Precon	57	80	200			119.928865	**28.6190**	ng/L
Co-Precon	59	33	34			0.955875	**0.3282**	ng/L
Ni-Precon	60	27	7			-19.639888	**-2.3315**	ng/L
Cu-Precon	63	311	133			-177.400087	**-3.5803**	ng/L
Cu-Precon	65	146	53			-92.917780	**-3.6303**	ng/L
Zn-Precon	66	221	24			-197.389416	**-9.7839**	ng/L
Zn-Precon	68	151	34			-116.709373	**-10.8124**	ng/L
Cd-Precon	111	4	1			-3.501143	**-0.0244**	ng/L
Cd-Precon	114	12	1			-10.349377	**-0.5367**	ng/L
Pb-Precon	208	1281	58			-1223.036577	**-1.3569**	ng/L
Tb-Precon	159	12	2			-9.520361		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-BLK3

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 21:03:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 203

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-BLK3.168
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	131			-183.763555	**-3.2158**	ng/L
Fe-Precon	54	133	516			382.739669	**60.5727**	ng/L
Fe-Precon	56	2555	9732			7176.867670	**58.8879**	ng/L
Fe-Precon	57	80	284			204.745651	**60.3724**	ng/L
Co-Precon	59	33	60			26.722474	**0.5105**	ng/L
Ni-Precon	60	27	65			37.683693	**0.1800**	ng/L
Cu-Precon	63	311	266			-44.637814	**-1.1884**	ng/L
Cu-Precon	65	146	127			-19.803772	**-0.8323**	ng/L
Zn-Precon	66	221	852			630.945516	**36.0452**	ng/L
Zn-Precon	68	151	596			445.644474	**36.5025**	ng/L
Cd-Precon	111	4	2			-2.501169	**0.0258**	ng/L
Cd-Precon	114	12	3			-8.274034	**-0.4963**	ng/L
Pb-Precon	208	1281	267			-1014.098980	**-0.6722**	ng/L
Tb-Precon	159	12	1			-11.054561		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 21:13:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.169
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	41			-273.958386	**-5.3097**	ng/L
Fe-Precon	54	133	283			149.584026	**18.0291**	ng/L
Fe-Precon	56	2555	5318			2762.621207	**17.6786**	ng/L
Fe-Precon	57	80	150			70.454309	**10.0969**	ng/L
Co-Precon	59	33	25			-7.878860	**0.2657**	ng/L
Ni-Precon	60	27	6			-20.800062	**-2.3823**	ng/L
Cu-Precon	63	311	162			-148.453515	**-3.0588**	ng/L
Cu-Precon	65	146	80			-65.845439	**-2.5942**	ng/L
Zn-Precon	66	221	71			-150.787850	**-7.2055**	ng/L
Zn-Precon	68	151	62			-88.487340	**-8.4379**	ng/L
Cd-Precon	111	4	1			-3.050394	**-0.0018**	ng/L
Cd-Precon	114	12	3			-9.115914	**-0.5127**	ng/L
Pb-Precon	208	1281	70			-1211.251217	**-1.3183**	ng/L
Tb-Precon	159	12	1			-10.767115		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-BLK4

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 21:24:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 204

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-BLK4.170
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	85			-229.642263	**-4.2809**	ng/L
Fe-Precon	54	133	259			126.156358	**13.7543**	ng/L
Fe-Precon	56	2555	5184			2629.173290	**16.4327**	ng/L
Fe-Precon	57	80	148			67.939993	**9.1556**	ng/L
Co-Precon	59	33	60			26.476533	**0.5088**	ng/L
Ni-Precon	60	27	16			-11.411294	**-1.9709**	ng/L
Cu-Precon	63	311	88			-222.481823	**-4.3926**	ng/L
Cu-Precon	65	146	45			-101.461650	**-3.9572**	ng/L
Zn-Precon	66	221	145			-75.972840	**-3.0663**	ng/L
Zn-Precon	68	151	107			-43.731201	**-4.6722**	ng/L
Cd-Precon	111	4	1			-3.344122	**-0.0165**	ng/L
Cd-Precon	114	12	5			-6.502131	**-0.4618**	ng/L
Pb-Precon	208	1281	140			-1141.275600	**-1.0890**	ng/L
Tb-Precon	159	12	1			-10.808674		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 21:34:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.171
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	36			-278.678791	**-5.4193**	ng/L
Fe-Precon	54	133	245			112.128802	**11.1947**	ng/L
Fe-Precon	56	2555	4690			2135.313608	**11.8223**	ng/L
Fe-Precon	57	80	148			68.878457	**9.5069**	ng/L
Co-Precon	59	33	23			-10.368927	**0.2481**	ng/L
Ni-Precon	60	27	11			-16.052003	**-2.1743**	ng/L
Cu-Precon	63	311	153			-157.440992	**-3.2207**	ng/L
Cu-Precon	65	146	78			-67.944188	**-2.6745**	ng/L
Zn-Precon	66	221	71			-150.129887	**-7.1691**	ng/L
Zn-Precon	68	151	61			-89.678747	**-8.5381**	ng/L
Cd-Precon	111	4	1			-3.284811	**-0.0135**	ng/L
Cd-Precon	114	12	4			-7.811985	**-0.4873**	ng/L
Pb-Precon	208	1281	76			-1204.719573	**-1.2969**	ng/L
Tb-Precon	159	12	0			-11.272743		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-BS1

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 21:45:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 205

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-BS1.172
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	81436			81120.649807	**1884.2793**	ng/L
Fe-Precon	54	133	410627			410493.716893	**74892.9370**	ng/L
Fe-Precon	56	2555	8669758			8667202.958432	**80904.8007**	ng/L
Fe-Precon	57	80	208498			208417.945522	**78010.5260**	ng/L
Co-Precon	59	33	268725			268691.563494	**1901.0067**	ng/L
Ni-Precon	60	27	66220			66193.057140	**2898.6102**	ng/L
Cu-Precon	63	311	116851			116540.695013	**2099.3080**	ng/L
Cu-Precon	65	146	54117			53970.370435	**2065.3050**	ng/L
Zn-Precon	66	221	88192			87970.315944	**4868.2504**	ng/L
Zn-Precon	68	151	58734			58582.788380	**4928.0059**	ng/L
Cd-Precon	111	4	4263			4258.919729	**213.9236**	ng/L
Cd-Precon	114	12	11404			11392.004396	**221.5966**	ng/L
Pb-Precon	208	1281	145902			144620.940643	**476.6020**	ng/L
Tb-Precon	159	12	65			52.855976		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 21:55:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.173
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	362			46.963355	**2.1405**	ng/L
Fe-Precon	54	133	5040			4907.098363	**886.1259**	ng/L
Fe-Precon	56	2555	98577			96022.082903	**888.3048**	ng/L
Fe-Precon	57	80	2529			2449.872663	**900.8955**	ng/L
Co-Precon	59	33	57			23.359599	**0.4867**	ng/L
Ni-Precon	60	27	144			116.463926	**3.6316**	ng/L
Cu-Precon	63	311	551			240.668695	**3.9519**	ng/L
Cu-Precon	65	146	229			82.235286	**3.0726**	ng/L
Zn-Precon	66	221	44			-177.406556	**-8.6783**	ng/L
Zn-Precon	68	151	35			-115.472994	**-10.7084**	ng/L
Cd-Precon	111	4	1			-3.344564	**-0.0165**	ng/L
Cd-Precon	114	12	43			31.157629	**0.2719**	ng/L
Pb-Precon	208	1281	94			-1187.139969	**-1.2393**	ng/L
Tb-Precon	159	12	3			-9.198283		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-01

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 22:06:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 206

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-01.174
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	134913			134598.355651	**3125.7728**	ng/L
Fe-Precon	54	133	235019			234886.001116	**42850.0479**	ng/L
Fe-Precon	56	2555	4946987			4944431.634803	**46150.7661**	ng/L
Fe-Precon	57	80	119839			119759.847013	**44819.0069**	ng/L
Co-Precon	59	33	29638			29604.641065	**209.7404**	ng/L
Ni-Precon	60	27	66279			66251.540307	**2901.1725**	ng/L
Cu-Precon	63	311	175962			175651.625163	**3164.2987**	ng/L
Cu-Precon	65	146	82918			82771.751903	**3167.4982**	ng/L
Zn-Precon	66	221	15633			15411.925158	**853.8291**	ng/L
Zn-Precon	68	151	10008			9857.424027	**828.3844**	ng/L
Cd-Precon	111	4	2143			2138.431649	**107.4878**	ng/L
Cd-Precon	114	12	5447			5435.528045	**105.5564**	ng/L
Pb-Precon	208	1281	16869			15588.487612	**53.7377**	ng/L
Tb-Precon	159	12	1498			1486.537528		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 22:16:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.175
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	496			180.433904	**5.2391**	ng/L
Fe-Precon	54	133	2876			2743.118286	**491.2676**	ng/L
Fe-Precon	56	2555	56663			54108.346163	**497.0180**	ng/L
Fe-Precon	57	80	1496			1416.044458	**513.8543**	ng/L
Co-Precon	59	33	32			-1.271026	**0.3125**	ng/L
Ni-Precon	60	27	119			91.780188	**2.5501**	ng/L
Cu-Precon	63	311	542			231.177035	**3.7809**	ng/L
Cu-Precon	65	146	257			111.094993	**4.1771**	ng/L
Zn-Precon	66	221	87			-133.949465	**-6.2739**	ng/L
Zn-Precon	68	151	70			-81.169496	**-7.8222**	ng/L
Cd-Precon	111	4	-0			-4.672280	**-0.0832**	ng/L
Cd-Precon	114	12	11			-0.625335	**-0.3473**	ng/L
Pb-Precon	208	1281	82			-1198.655371	**-1.2770**	ng/L
Tb-Precon	159	12	25			13.156821		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-DUP1

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 22:27:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 207

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-DUP1.176
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	135392			135076.429352	**3136.8714**	ng/L
Fe-Precon	54	133	237080			236946.727360	**43226.0657**	ng/L
Fe-Precon	56	2555	4968436			4965881.349285	**46351.0105**	ng/L
Fe-Precon	57	80	120094			120013.933215	**44914.1308**	ng/L
Co-Precon	59	33	29697			29663.751122	**210.1586**	ng/L
Ni-Precon	60	27	65709			65681.731057	**2876.2077**	ng/L
Cu-Precon	63	311	178085			177774.091245	**3202.5388**	ng/L
Cu-Precon	65	146	83440			83293.378365	**3187.4602**	ng/L
Zn-Precon	66	221	15559			15337.264459	**849.6984**	ng/L
Zn-Precon	68	151	9864			9713.114307	**816.2426**	ng/L
Cd-Precon	111	4	2128			2123.651452	**106.7459**	ng/L
Cd-Precon	114	12	5458			5445.877716	**105.7580**	ng/L
Pb-Precon	208	1281	16784			15503.103422	**53.4579**	ng/L
Tb-Precon	159	12	1610			1598.475828		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 22:37:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.177
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	520			205.008049	**5.8096**	ng/L
Fe-Precon	54	133	3069			2935.284420	**526.3319**	ng/L
Fe-Precon	56	2555	59476			56920.607145	**523.2719**	ng/L
Fe-Precon	57	80	1582			1502.545638	**546.2384**	ng/L
Co-Precon	59	33	31			-2.406974	**0.3044**	ng/L
Ni-Precon	60	27	139			111.597165	**3.4184**	ng/L
Cu-Precon	63	311	710			399.772584	**6.8185**	ng/L
Cu-Precon	65	146	326			180.034997	**6.8153**	ng/L
Zn-Precon	66	221	85			-136.373665	**-6.4081**	ng/L
Zn-Precon	68	151	59			-91.441548	**-8.6864**	ng/L
Cd-Precon	111	4	-1			-5.652351	**-0.1324**	ng/L
Cd-Precon	114	12	-2			-13.970249	**-0.6072**	ng/L
Pb-Precon	208	1281	75			-1205.436425	**-1.2992**	ng/L
Tb-Precon	159	12	32			19.823531		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-MS1

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 22:48:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 208

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-MS1.178
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	363832			363517.253538	**8440.1620**	ng/L
Fe-Precon	54	133	319551			319418.099392	**58274.4992**	ng/L
Fe-Precon	56	2555	6707997			6705441.769983	**62590.7249**	ng/L
Fe-Precon	57	80	163065			162985.289778	**61001.6020**	ng/L
Co-Precon	59	33	463936			463902.211974	**3281.8987**	ng/L
Ni-Precon	60	27	122133			122105.986512	**5348.2936**	ng/L
Cu-Precon	63	311	364936			364625.253573	**6569.0016**	ng/L
Cu-Precon	65	146	173714			173567.475796	**6642.1383**	ng/L
Zn-Precon	66	221	354119			353897.772574	**19581.1574**	ng/L
Zn-Precon	68	151	237450			237299.278428	**19964.7322**	ng/L
Cd-Precon	111	4	70026			70021.862196	**3514.8290**	ng/L
Cd-Precon	114	12	176362			176350.224089	**3435.2064**	ng/L
Pb-Precon	208	1281	1077011			1075730.229845	**3528.0268**	ng/L
Tb-Precon	159	12	1512			1499.845152		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 22:58:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.179
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1769			1453.417958	**34.7916**	ng/L
Fe-Precon	54	133	3654			3520.955272	**633.1984**	ng/L
Fe-Precon	56	2555	70989			68434.338248	**630.7587**	ng/L
Fe-Precon	57	80	1939			1859.133322	**679.7365**	ng/L
Co-Precon	59	33	57			23.314502	**0.4864**	ng/L
Ni-Precon	60	27	226			199.266420	**7.2594**	ng/L
Cu-Precon	63	311	1241			930.471892	**16.3800**	ng/L
Cu-Precon	65	146	582			435.844203	**16.6048**	ng/L
Zn-Precon	66	221	112			-109.550436	**-4.9240**	ng/L
Zn-Precon	68	151	86			-64.621987	**-6.4299**	ng/L
Cd-Precon	111	4	1			-3.033108	**-0.0009**	ng/L
Cd-Precon	114	12	8			-3.725901	**-0.4077**	ng/L
Pb-Precon	208	1281	230			-1050.620592	**-0.7919**	ng/L
Tb-Precon	159	12	33			21.589808		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-MSD1

Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 23:09:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 209

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-MSD1.180
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	351817			351501.745368	**8161.2200**	ng/L
Fe-Precon	54	133	306354			306220.404045	**55866.3345**	ng/L
Fe-Precon	56	2555	6447677			6445122.380368	**60160.5060**	ng/L
Fe-Precon	57	80	156632			156552.234787	**58593.2166**	ng/L
Co-Precon	59	33	453755			453721.503261	**3209.8818**	ng/L
Ni-Precon	60	27	120248			120221.234297	**5265.7180**	ng/L
Cu-Precon	63	311	350726			350414.893900	**6312.9762**	ng/L
Cu-Precon	65	146	167280			167133.945313	**6395.9351**	ng/L
Zn-Precon	66	221	341497			341275.411178	**18882.8029**	ng/L
Zn-Precon	68	151	228908			228757.333635	**19246.0359**	ng/L
Cd-Precon	111	4	68389			68384.316158	**3432.6340**	ng/L
Cd-Precon	114	12	172055			172043.054690	**3351.2969**	ng/L
Pb-Precon	208	1281	1031997			1030716.412035	**3380.5078**	ng/L
Tb-Precon	159	12	1511			1498.936704		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 23:19:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.181
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1837			1521.987291	**36.3835**	ng/L
Fe-Precon	54	133	3277			3144.162734	**564.4456**	ng/L
Fe-Precon	56	2555	64241			61685.576565	**567.7554**	ng/L
Fe-Precon	57	80	1698			1617.952631	**589.4440**	ng/L
Co-Precon	59	33	65			31.376922	**0.5434**	ng/L
Ni-Precon	60	27	223			196.322453	**7.1304**	ng/L
Cu-Precon	63	311	858			546.986192	**9.4708**	ng/L
Cu-Precon	65	146	397			251.167987	**9.5375**	ng/L
Zn-Precon	66	221	119			-102.543939	**-4.5364**	ng/L
Zn-Precon	68	151	78			-72.396954	**-7.0841**	ng/L
Cd-Precon	111	4	-1			-5.552577	**-0.1274**	ng/L
Cd-Precon	114	12	12			-0.186162	**-0.3387**	ng/L
Pb-Precon	208	1281	215			-1065.880568	**-0.8419**	ng/L
Tb-Precon	159	12	27			15.130835		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-02
Sample Description:
Batch ID: B122198

Sample Date/Time: Saturday, December 22, 2012 23:30:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 210

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-02.182
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	335102			334787.284090	**7773.1911**	ng/L
Fe-Precon	54	133	17581977			17581843.252802	**3208124.5663**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	9093243			9093163.350962	**3404251.4612**	ng/L
Co-Precon	59	33	217546			217512.908321	**1538.9763**	ng/L
Ni-Precon	60	27	242526			242499.252290	**10623.0197**	ng/L
Cu-Precon	63	311	447014			446703.349635	**8047.7875**	ng/L
Cu-Precon	65	146	194056			193909.283946	**7420.5942**	ng/L
Zn-Precon	66	221	255347			255125.960217	**14116.4322**	ng/L
Zn-Precon	68	151	167818			167666.797946	**14106.0420**	ng/L
Cd-Precon	111	4	2204			2199.325369	**110.5443**	ng/L
Cd-Precon	114	12	5721			5709.328152	**110.8904**	ng/L
Pb-Precon	208	1281	813654			812372.958746	**2664.9542**	ng/L
Tb-Precon	159	12	34264			34252.485409		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 23:40:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.183
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	6030			5714.876241	**133.7221**	ng/L
Fe-Precon	54	133	55431			55297.668386	**10080.8213**	ng/L
Fe-Precon	56	2555	1185722			1183167.333981	**11037.3794**	ng/L
Fe-Precon	57	80	28122			28041.895105	**10481.9503**	ng/L
Co-Precon	59	33	72			38.452415	**0.5935**	ng/L
Ni-Precon	60	27	439			411.846963	**16.5730**	ng/L
Cu-Precon	63	311	2448			2137.688415	**38.1302**	ng/L
Cu-Precon	65	146	619			472.974834	**18.0258**	ng/L
Zn-Precon	66	221	336			114.247830	**7.4580**	ng/L
Zn-Precon	68	151	83			-68.109558	**-6.7234**	ng/L
Cd-Precon	111	4	-0			-4.547683	**-0.0769**	ng/L
Cd-Precon	114	12	2			-9.642350	**-0.5229**	ng/L
Pb-Precon	208	1281	199			-1081.345472	**-0.8925**	ng/L
Tb-Precon	159	12	34			21.804496		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV8

Sample Description:
Batch ID:

Sample Date/Time: Saturday, December 22, 2012 23:51:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV8.184
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	10973			10657.880537	**248.4747**	ng/L
Fe-Precon	54	133	15922			15788.539336	**2871.6469**	ng/L
Fe-Precon	56	2555	310248			307692.544215	**2864.3603**	ng/L
Fe-Precon	57	80	8165			8085.846868	**3010.8724**	ng/L
Co-Precon	59	33	14571			14538.142055	**103.1622**	ng/L
Ni-Precon	60	27	1821			1793.677873	**77.1145**	ng/L
Cu-Precon	63	311	8149			7837.934959	**140.8305**	ng/L
Cu-Precon	65	146	3350			3203.809836	**122.5314**	ng/L
Zn-Precon	66	221	11429			11207.244397	**621.1977**	ng/L
Zn-Precon	68	151	7480			7329.296188	**615.6745**	ng/L
Cd-Precon	111	4	2267			2263.085405	**113.7447**	ng/L
Cd-Precon	114	12	5796			5784.522779	**112.3553**	ng/L
Pb-Precon	208	1281	31220			29938.724687	**100.7662**	ng/L
Tb-Precon	159	12	24			12.124750		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 00:01:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.185
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1208			892.535792	**21.7706**	ng/L
Fe-Precon	54	133	5756			5623.131093	**1016.7794**	ng/L
Fe-Precon	56	2555	111602			109046.498301	**1009.8946**	ng/L
Fe-Precon	57	80	2967			2887.501993	**1064.7336**	ng/L
Co-Precon	59	33	37			3.255429	**0.3445**	ng/L
Ni-Precon	60	27	68			40.703600	**0.3123**	ng/L
Cu-Precon	63	311	778			466.913494	**8.0282**	ng/L
Cu-Precon	65	146	241			94.601426	**3.5459**	ng/L
Zn-Precon	66	221	127			-93.962350	**-4.0616**	ng/L
Zn-Precon	68	151	68			-82.748782	**-7.9551**	ng/L
Cd-Precon	111	4	2			-2.548109	**0.0234**	ng/L
Cd-Precon	114	12	3			-9.058230	**-0.5115**	ng/L
Pb-Precon	208	1281	114			-1167.219160	**-1.1740**	ng/L
Tb-Precon	159	12	7			-4.266671		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB8

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 00:12:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB8.186
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1723			1407.951318	**33.7361**	ng/L
Fe-Precon	54	133	4497			4364.084836	**787.0430**	ng/L
Fe-Precon	56	2555	88070			85514.627497	**790.2122**	ng/L
Fe-Precon	57	80	2315			2235.605560	**820.6789**	ng/L
Co-Precon	59	33	107			73.501225	**0.8414**	ng/L
Ni-Precon	60	27	68			40.717525	**0.3129**	ng/L
Cu-Precon	63	311	850			539.479983	**9.3356**	ng/L
Cu-Precon	65	146	223			76.669026	**2.8596**	ng/L
Zn-Precon	66	221	298			76.259906	**5.3563**	ng/L
Zn-Precon	68	151	166			15.475217	**0.3092**	ng/L
Cd-Precon	111	4	1			-3.424355	**-0.0206**	ng/L
Cd-Precon	114	12	9			-2.373469	**-0.3813**	ng/L
Pb-Precon	208	1281	451			-829.808090	**-0.0682**	ng/L
Tb-Precon	159	12	9			-2.645887		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 00:22:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.187
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	581			265.864166	**7.2224**	ng/L
Fe-Precon	54	133	2316			2182.567140	**388.9846**	ng/L
Fe-Precon	56	2555	44835			42280.336333	**386.5973**	ng/L
Fe-Precon	57	80	1192			1112.838688	**400.3412**	ng/L
Co-Precon	59	33	43			9.811373	**0.3909**	ng/L
Ni-Precon	60	27	28			1.198326	**-1.4185**	ng/L
Cu-Precon	63	311	370			58.782944	**0.6749**	ng/L
Cu-Precon	65	146	128			-18.630203	**-0.7874**	ng/L
Zn-Precon	66	221	90			-131.590893	**-6.1434**	ng/L
Zn-Precon	68	151	65			-86.042340	**-8.2322**	ng/L
Cd-Precon	111	4	1			-3.008199	**0.0003**	ng/L
Cd-Precon	114	12	4			-7.266616	**-0.4766**	ng/L
Pb-Precon	208	1281	87			-1193.938360	**-1.2615**	ng/L
Tb-Precon	159	12	4			-7.923823		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-03

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 00:33:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 211

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-03.188
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	96709			96394.301290	**2238.8595**	ng/L
Fe-Precon	54	133	567346			567212.740893	**103489.2336**	ng/L
Fe-Precon	56	2555	12302268			12299712.654305	**114816.1953**	ng/L
Fe-Precon	57	80	292173			292093.098444	**109336.5467**	ng/L
Co-Precon	59	33	10323			10289.296898	**73.1065**	ng/L
Ni-Precon	60	27	19556			19529.143436	**854.1490**	ng/L
Cu-Precon	63	311	97412			97101.019125	**1749.0670**	ng/L
Cu-Precon	65	146	45396			45249.317336	**1731.5610**	ng/L
Zn-Precon	66	221	11334			11112.458302	**615.9535**	ng/L
Zn-Precon	68	151	7230			7079.216178	**594.6335**	ng/L
Cd-Precon	111	4	100			95.311948	**4.9354**	ng/L
Cd-Precon	114	12	258			245.997902	**4.4573**	ng/L
Pb-Precon	208	1281	19001			17720.643172	**60.7252**	ng/L
Tb-Precon	159	12	1431			1419.476065		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 00:43:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.189
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	657			341.444058	**8.9770**	ng/L
Fe-Precon	54	133	6098			5965.014578	**1079.1624**	ng/L
Fe-Precon	56	2555	118967			116412.036984	**1078.6558**	ng/L
Fe-Precon	57	80	3104			3024.892155	**1116.1693**	ng/L
Co-Precon	59	33	38			5.087451	**0.3575**	ng/L
Ni-Precon	60	27	56			29.274885	**-0.1884**	ng/L
Cu-Precon	63	311	470			158.932879	**2.4793**	ng/L
Cu-Precon	65	146	186			39.356989	**1.4317**	ng/L
Zn-Precon	66	221	97			-124.823672	**-5.7690**	ng/L
Zn-Precon	68	151	65			-85.730631	**-8.2059**	ng/L
Cd-Precon	111	4	1			-3.305559	**-0.0146**	ng/L
Cd-Precon	114	12	3			-8.369374	**-0.4981**	ng/L
Pb-Precon	208	1281	88			-1192.487226	**-1.2568**	ng/L
Tb-Precon	159	12	5			-6.573169		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-04
Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 00:54:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 212

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-04.190
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	97931			97615.833354	**2267.2176**	ng/L
Fe-Precon	54	133	936283			936149.884692	**170808.6673**	ng/L
Fe-Precon	56	2555	19025876			19023320.943782	**177584.6262**	ng/L
Fe-Precon	57	80	446445			446365.213473	**167092.4194**	ng/L
Co-Precon	59	33	15151			15117.365948	**107.2595**	ng/L
Ni-Precon	60	27	23371			23344.190376	**1021.2956**	ng/L
Cu-Precon	63	311	100328			100017.542765	**1801.6134**	ng/L
Cu-Precon	65	146	46098			45952.086562	**1758.4551**	ng/L
Zn-Precon	66	221	17028			16806.738379	**930.9996**	ng/L
Zn-Precon	68	151	10891			10739.918534	**902.6351**	ng/L
Cd-Precon	111	4	136			132.148062	**6.7844**	ng/L
Cd-Precon	114	12	385			373.182150	**6.9350**	ng/L
Pb-Precon	208	1281	24204			22922.971887	**77.7742**	ng/L
Tb-Precon	159	12	1995			1983.760377		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 01:04:44
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.191
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	678			363.285633	**9.4840**	ng/L
Fe-Precon	54	133	8153			8020.024399	**1454.1371**	ng/L
Fe-Precon	56	2555	160342			157786.616698	**1464.9093**	ng/L
Fe-Precon	57	80	4173			4093.775131	**1516.3341**	ng/L
Co-Precon	59	33	43			9.596605	**0.3894**	ng/L
Ni-Precon	60	27	61			33.489590	**-0.0037**	ng/L
Cu-Precon	63	311	465			154.219529	**2.3944**	ng/L
Cu-Precon	65	146	183			37.171351	**1.3481**	ng/L
Zn-Precon	66	221	101			-120.342182	**-5.5211**	ng/L
Zn-Precon	68	151	69			-81.387700	**-7.8405**	ng/L
Cd-Precon	111	4	1			-3.425679	**-0.0206**	ng/L
Cd-Precon	114	12	5			-7.094314	**-0.4733**	ng/L
Pb-Precon	208	1281	81			-1199.829332	**-1.2808**	ng/L
Tb-Precon	159	12	5			-6.981830		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-05

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 01:15:15
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 213

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-05.192
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	106964			106648.505159	**2476.9125**	ng/L
Fe-Precon	54	133	735180			735046.379044	**134113.5978**	ng/L
Fe-Precon	56	2555	15047263			15044707.698145	**140442.1723**	ng/L
Fe-Precon	57	80	352603			352523.353336	**131960.2211**	ng/L
Co-Precon	59	33	13355			13321.777615	**94.5578**	ng/L
Ni-Precon	60	27	25852			25824.611596	**1129.9690**	ng/L
Cu-Precon	63	311	126613			126302.195921	**2275.1792**	ng/L
Cu-Precon	65	146	59085			58938.964062	**2255.4469**	ng/L
Zn-Precon	66	221	16267			16045.320780	**888.8728**	ng/L
Zn-Precon	68	151	10494			10343.102781	**869.2481**	ng/L
Cd-Precon	111	4	522			518.050623	**26.1544**	ng/L
Cd-Precon	114	12	1385			1373.426977	**26.4211**	ng/L
Pb-Precon	208	1281	22084			20803.102099	**70.8270**	ng/L
Tb-Precon	159	12	1727			1714.882803		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 01:25:46
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.193
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	589			273.685211	**7.4039**	ng/L
Fe-Precon	54	133	5101			4967.765092	**897.1957**	ng/L
Fe-Precon	56	2555	100038			97482.628204	**901.9398**	ng/L
Fe-Precon	57	80	2614			2534.678172	**932.6447**	ng/L
Co-Precon	59	33	39			6.123007	**0.3648**	ng/L
Ni-Precon	60	27	51			24.391638	**-0.4023**	ng/L
Cu-Precon	63	311	466			154.821010	**2.4052**	ng/L
Cu-Precon	65	146	194			47.821726	**1.7557**	ng/L
Zn-Precon	66	221	89			-132.661006	**-6.2026**	ng/L
Zn-Precon	68	151	70			-80.722736	**-7.7846**	ng/L
Cd-Precon	111	4	-0			-4.332938	**-0.0662**	ng/L
Cd-Precon	114	12	2			-9.520714	**-0.5206**	ng/L
Pb-Precon	208	1281	87			-1193.578178	**-1.2604**	ng/L
Tb-Precon	159	12	6			-5.232907		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-06

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 01:36:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 214

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-06.194
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	93032			92716.779013	**2153.4853**	ng/L
Fe-Precon	54	133	31840			31707.012410	**5776.2680**	ng/L
Fe-Precon	56	2555	669875			667319.910462	**6221.6715**	ng/L
Fe-Precon	57	80	28732			28652.655456	**10710.6047**	ng/L
Co-Precon	59	33	4413			4379.600066	**31.3021**	ng/L
Ni-Precon	60	27	20535			20507.897593	**897.0306**	ng/L
Cu-Precon	63	311	108894			108583.109589	**1955.9377**	ng/L
Cu-Precon	65	146	51531			51384.454567	**1966.3452**	ng/L
Zn-Precon	66	221	6173			5951.134652	**330.3941**	ng/L
Zn-Precon	68	151	3868			3717.415726	**311.7806**	ng/L
Cd-Precon	111	4	477			472.815646	**23.8838**	ng/L
Cd-Precon	114	12	1301			1289.261045	**24.7815**	ng/L
Pb-Precon	208	1281	1811			530.066757	**4.3884**	ng/L
Tb-Precon	159	12	446			433.930418		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 01:46:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.195
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	447			132.185804	**4.1190**	ng/L
Fe-Precon	54	133	1459			1326.179456	**232.7208**	ng/L
Fe-Precon	56	2555	27534			24978.531049	**225.0758**	ng/L
Fe-Precon	57	80	743			663.131152	**231.9812**	ng/L
Co-Precon	59	33	42			9.142919	**0.3861**	ng/L
Ni-Precon	60	27	51			23.986446	**-0.4201**	ng/L
Cu-Precon	63	311	449			138.235990	**2.1064**	ng/L
Cu-Precon	65	146	210			64.148535	**2.3805**	ng/L
Zn-Precon	66	221	88			-133.783149	**-6.2647**	ng/L
Zn-Precon	68	151	70			-80.341773	**-7.7525**	ng/L
Cd-Precon	111	4	-0			-4.499763	**-0.0745**	ng/L
Cd-Precon	114	12	3			-8.630827	**-0.5032**	ng/L
Pb-Precon	208	1281	79			-1202.108269	**-1.2883**	ng/L
Tb-Precon	159	12	4			-8.183564		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-07
Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 01:57:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 215

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-07.196
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	89863			89548.282611	**2079.9281**	ng/L
Fe-Precon	54	133	17983			17850.093338	**3247.8157**	ng/L
Fe-Precon	56	2555	372432			369876.633509	**3444.8816**	ng/L
Fe-Precon	57	80	20212			20132.239632	**7520.7602**	ng/L
Co-Precon	59	33	3526			3492.828643	**25.0292**	ng/L
Ni-Precon	60	27	20113			20085.472910	**878.5231**	ng/L
Cu-Precon	63	311	104569			104258.308041	**1878.0185**	ng/L
Cu-Precon	65	146	49613			49467.075995	**1892.9694**	ng/L
Zn-Precon	66	221	6183			5961.215964	**330.9519**	ng/L
Zn-Precon	68	151	3910			3758.931171	**315.2736**	ng/L
Cd-Precon	111	4	487			482.802212	**24.3851**	ng/L
Cd-Precon	114	12	1252			1239.917205	**23.8202**	ng/L
Pb-Precon	208	1281	1432			151.562916	**3.1479**	ng/L
Tb-Precon	159	12	450			438.208586		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 02:07:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.197
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	405			89.513976	**3.1284**	ng/L
Fe-Precon	54	133	905			771.573543	**131.5226**	ng/L
Fe-Precon	56	2555	18141			15585.952129	**137.3911**	ng/L
Fe-Precon	57	80	508			428.024536	**143.9628**	ng/L
Co-Precon	59	33	38			4.761926	**0.3552**	ng/L
Ni-Precon	60	27	56			29.392603	**-0.1832**	ng/L
Cu-Precon	63	311	537			225.798740	**3.6840**	ng/L
Cu-Precon	65	146	259			112.657022	**4.2368**	ng/L
Zn-Precon	66	221	78			-143.238015	**-6.7878**	ng/L
Zn-Precon	68	151	74			-77.089708	**-7.4789**	ng/L
Cd-Precon	111	4	1			-3.286915	**-0.0137**	ng/L
Cd-Precon	114	12	3			-9.215463	**-0.5146**	ng/L
Pb-Precon	208	1281	69			-1212.030435	**-1.3208**	ng/L
Tb-Precon	159	12	7			-4.446757		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-08

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 02:18:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 216

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-08.198
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	90074			89759.290446	**2084.8267**	ng/L
Fe-Precon	54	133	47001			46867.855795	**8542.6454**	ng/L
Fe-Precon	56	2555	1016830			1014274.628477	**9460.6768**	ng/L
Fe-Precon	57	80	42109			42029.229213	**15718.4811**	ng/L
Co-Precon	59	33	9110			9076.529697	**64.5275**	ng/L
Ni-Precon	60	27	26464			26436.883239	**1156.7941**	ng/L
Cu-Precon	63	311	110300			109988.888020	**1981.2653**	ng/L
Cu-Precon	65	146	52322			52175.435980	**1996.6150**	ng/L
Zn-Precon	66	221	8869			8647.440898	**479.5720**	ng/L
Zn-Precon	68	151	5732			5581.537523	**468.6228**	ng/L
Cd-Precon	111	4	1084			1079.968703	**54.3593**	ng/L
Cd-Precon	114	12	2767			2755.240225	**53.3407**	ng/L
Pb-Precon	208	1281	2789			1507.848186	**7.5927**	ng/L
Tb-Precon	159	12	783			771.721053		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 02:28:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.199
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	361			45.548036	**2.1077**	ng/L
Fe-Precon	54	133	1030			896.834986	**154.3789**	ng/L
Fe-Precon	56	2555	20275			17719.692315	**157.3107**	ng/L
Fe-Precon	57	80	548			468.554253	**159.1362**	ng/L
Co-Precon	59	33	40			6.947225	**0.3706**	ng/L
Ni-Precon	60	27	57			29.704312	**-0.1696**	ng/L
Cu-Precon	63	311	506			194.818408	**3.1259**	ng/L
Cu-Precon	65	146	220			74.016078	**2.7581**	ng/L
Zn-Precon	66	221	86			-135.653216	**-6.3682**	ng/L
Zn-Precon	68	151	74			-76.681010	**-7.4445**	ng/L
Cd-Precon	111	4	1			-3.585107	**-0.0286**	ng/L
Cd-Precon	114	12	2			-10.044785	**-0.5308**	ng/L
Pb-Precon	208	1281	81			-1200.130662	**-1.2818**	ng/L
Tb-Precon	159	12	13			1.257157		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-09
Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 02:39:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 217

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-09.200
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	90956			90641.128978	**2105.2987**	ng/L
Fe-Precon	54	133	18578			18444.220902	**3356.2254**	ng/L
Fe-Precon	56	2555	439244			436688.475624	**4068.6054**	ng/L
Fe-Precon	57	80	46707			46627.036367	**17439.7926**	ng/L
Co-Precon	59	33	10354			10320.270152	**73.3256**	ng/L
Ni-Precon	60	27	32631			32603.829840	**1426.9833**	ng/L
Cu-Precon	63	311	138923			138612.642937	**2496.9742**	ng/L
Cu-Precon	65	146	66060			65914.061665	**2522.3753**	ng/L
Zn-Precon	66	221	8067			7845.951963	**435.2282**	ng/L
Zn-Precon	68	151	5124			4973.639548	**417.4759**	ng/L
Cd-Precon	111	4	1631			1626.491637	**81.7915**	ng/L
Cd-Precon	114	12	4072			4060.030268	**78.7598**	ng/L
Pb-Precon	208	1281	1874			593.443898	**4.5961**	ng/L
Tb-Precon	159	12	1002			990.717601		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 02:49:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.201
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	331			16.017795	**1.4221**	ng/L
Fe-Precon	54	133	917			783.184394	**133.6412**	ng/L
Fe-Precon	56	2555	17560			15005.183078	**131.9693**	ng/L
Fe-Precon	57	80	486			406.281574	**135.8227**	ng/L
Co-Precon	59	33	39			5.222546	**0.3584**	ng/L
Ni-Precon	60	27	56			29.385657	**-0.1835**	ng/L
Cu-Precon	63	311	515			204.540641	**3.3010**	ng/L
Cu-Precon	65	146	241			94.474482	**3.5410**	ng/L
Zn-Precon	66	221	87			-134.101849	**-6.2824**	ng/L
Zn-Precon	68	151	66			-85.193788	**-8.1608**	ng/L
Cd-Precon	111	4	-1			-5.340524	**-0.1167**	ng/L
Cd-Precon	114	12	1			-10.663253	**-0.5428**	ng/L
Pb-Precon	208	1281	77			-1203.992223	**-1.2945**	ng/L
Tb-Precon	159	12	13			1.108247		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-10

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 03:00:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 218

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-10.202
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	89224			88908.440539	**2065.0741**	ng/L
Fe-Precon	54	133	46749			46615.661704	**8496.6279**	ng/L
Fe-Precon	56	2555	966119			963564.261718	**8987.2688**	ng/L
Fe-Precon	57	80	24071			23991.570802	**8965.6035**	ng/L
Co-Precon	59	33	10032			9999.170425	**71.0542**	ng/L
Ni-Precon	60	27	27705			27678.416683	**1211.1888**	ng/L
Cu-Precon	63	311	109052			108741.525361	**1958.7918**	ng/L
Cu-Precon	65	146	51447			51300.219987	**1963.1216**	ng/L
Zn-Precon	66	221	8120			7898.989460	**438.1626**	ng/L
Zn-Precon	68	151	5197			5046.558791	**423.6111**	ng/L
Cd-Precon	111	4	1471			1467.233796	**73.7977**	ng/L
Cd-Precon	114	12	3689			3677.105709	**71.2999**	ng/L
Pb-Precon	208	1281	2992			1711.471469	**8.2601**	ng/L
Tb-Precon	159	12	979			966.987617		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 03:10:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.203
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	284			-30.835370	**0.3344**	ng/L
Fe-Precon	54	133	828			694.465359	**117.4528**	ng/L
Fe-Precon	56	2555	15980			13425.358658	**117.2208**	ng/L
Fe-Precon	57	80	448			368.045094	**121.5079**	ng/L
Co-Precon	59	33	33			-0.796558	**0.3158**	ng/L
Ni-Precon	60	27	58			30.930249	**-0.1159**	ng/L
Cu-Precon	63	311	425			114.601253	**1.6806**	ng/L
Cu-Precon	65	146	203			56.823454	**2.1002**	ng/L
Zn-Precon	66	221	100			-121.187106	**-5.5678**	ng/L
Zn-Precon	68	151	70			-81.089840	**-7.8155**	ng/L
Cd-Precon	111	4	-4			-8.183416	**-0.2594**	ng/L
Cd-Precon	114	12	-3			-14.656230	**-0.6206**	ng/L
Pb-Precon	208	1281	85			-1196.199876	**-1.2689**	ng/L
Tb-Precon	159	12	31			18.781105		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-11

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 03:21:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 219

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-11.204
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	71578			71263.358193	**1655.4406**	ng/L
Fe-Precon	54	133	304426			304292.608149	**55514.5724**	ng/L
Fe-Precon	56	2555	6502934			6500378.893279	**60676.3548**	ng/L
Fe-Precon	57	80	183280			183200.269817	**68569.6178**	ng/L
Co-Precon	59	33	16396			16362.442750	**116.0670**	ng/L
Ni-Precon	60	27	27048			27021.113170	**1182.3907**	ng/L
Cu-Precon	63	311	69995			69684.471514	**1255.1081**	ng/L
Cu-Precon	65	146	32861			32714.771254	**1251.8795**	ng/L
Zn-Precon	66	221	15998			15776.919489	**874.0230**	ng/L
Zn-Precon	68	151	10538			10387.657250	**872.9968**	ng/L
Cd-Precon	111	4	1581			1576.521026	**79.2832**	ng/L
Cd-Precon	114	12	4112			4100.142672	**79.5413**	ng/L
Pb-Precon	208	1281	16566			15285.344867	**52.7443**	ng/L
Tb-Precon	159	12	1814			1801.869105		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 03:31:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.205
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	306			-9.045556	**0.8403**	ng/L
Fe-Precon	54	133	2613			2479.995909	**443.2560**	ng/L
Fe-Precon	56	2555	51744			49189.155097	**451.0947**	ng/L
Fe-Precon	57	80	1406			1326.890023	**480.4770**	ng/L
Co-Precon	59	33	41			7.546379	**0.3748**	ng/L
Ni-Precon	60	27	54			26.701663	**-0.3011**	ng/L
Cu-Precon	63	311	366			55.778820	**0.6208**	ng/L
Cu-Precon	65	146	154			7.757368	**0.2225**	ng/L
Zn-Precon	66	221	94			-127.306813	**-5.9064**	ng/L
Zn-Precon	68	151	69			-81.266444	**-7.8303**	ng/L
Cd-Precon	111	4	-0			-4.526101	**-0.0759**	ng/L
Cd-Precon	114	12	-2			-13.384589	**-0.5958**	ng/L
Pb-Precon	208	1281	104			-1176.764127	**-1.2053**	ng/L
Tb-Precon	159	12	26			13.877156		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247017-12

Sample Description:
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 03:42:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 220

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247017-12.206
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	47751			47435.458878	**1102.2721**	ng/L
Fe-Precon	54	133	2634			2500.438692	**446.9862**	ng/L
Fe-Precon	56	2555	53651			51095.903910	**468.8953**	ng/L
Fe-Precon	57	80	2176			2096.076412	**768.4424**	ng/L
Co-Precon	59	33	5285			5252.156769	**37.4745**	ng/L
Ni-Precon	60	27	10055			10028.075846	**437.8838**	ng/L
Cu-Precon	63	311	63899			63588.452047	**1145.2772**	ng/L
Cu-Precon	65	146	30219			30072.512473	**1150.7635**	ng/L
Zn-Precon	66	221	14890			14668.482189	**812.6968**	ng/L
Zn-Precon	68	151	9972			9820.899191	**825.3113**	ng/L
Cd-Precon	111	4	1314			1309.548561	**65.8828**	ng/L
Cd-Precon	114	12	3397			3384.977931	**65.6089**	ng/L
Pb-Precon	208	1281	1896			615.543526	**4.6685**	ng/L
Tb-Precon	159	12	1071			1059.312879		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 03:52:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.207
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	175			-140.220806	**-2.2050**	ng/L
Fe-Precon	54	133	372			238.629553	**34.2771**	ng/L
Fe-Precon	56	2555	7381			4826.397026	**36.9450**	ng/L
Fe-Precon	57	80	230			149.959675	**39.8618**	ng/L
Co-Precon	59	33	35			1.350655	**0.3310**	ng/L
Ni-Precon	60	27	36			8.540344	**-1.0968**	ng/L
Cu-Precon	63	311	291			-19.513909	**-0.7357**	ng/L
Cu-Precon	65	146	137			-9.597200	**-0.4417**	ng/L
Zn-Precon	66	221	93			-128.013080	**-5.9455**	ng/L
Zn-Precon	68	151	77			-73.366777	**-7.1657**	ng/L
Cd-Precon	111	4	-2			-5.774538	**-0.1385**	ng/L
Cd-Precon	114	12	-3			-14.952506	**-0.6264**	ng/L
Pb-Precon	208	1281	76			-1204.414744	**-1.2959**	ng/L
Tb-Precon	159	12	23			11.442508		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV9

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 04:03:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCV9.208
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	32869			32553.827585	**756.7926**	ng/L
Fe-Precon	54	133	8054			7921.157370	**1436.0970**	ng/L
Fe-Precon	56	2555	158470			155914.807869	**1447.4350**	ng/L
Fe-Precon	57	80	4109			4029.178839	**1492.1508**	ng/L
Co-Precon	59	33	68692			68659.178798	**486.0066**	ng/L
Ni-Precon	60	27	7655			7628.155659	**332.7373**	ng/L
Cu-Precon	63	311	28516			28204.952356	**507.7793**	ng/L
Cu-Precon	65	146	13429			13282.706366	**508.2384**	ng/L
Zn-Precon	66	221	55570			55348.801561	**3063.4074**	ng/L
Zn-Precon	68	151	36882			36731.209600	**3089.4727**	ng/L
Cd-Precon	111	4	11228			11223.720909	**563.5148**	ng/L
Cd-Precon	114	12	28163			28151.678277	**548.0978**	ng/L
Pb-Precon	208	1281	149765			148483.880973	**489.2616**	ng/L
Tb-Precon	159	12	20			8.394880		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 04:13:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.209
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	342			27.382199	**1.6860**	ng/L
Fe-Precon	54	133	480			347.113303	**54.0720**	ng/L
Fe-Precon	56	2555	9285			6730.352341	**54.7194**	ng/L
Fe-Precon	57	80	261			181.011755	**51.4870**	ng/L
Co-Precon	59	33	42			8.730818	**0.3832**	ng/L
Ni-Precon	60	27	40			13.108401	**-0.8967**	ng/L
Cu-Precon	63	311	335			24.617516	**0.0594**	ng/L
Cu-Precon	65	146	156			9.936154	**0.3058**	ng/L
Zn-Precon	66	221	100			-121.529833	**-5.5868**	ng/L
Zn-Precon	68	151	89			-62.090442	**-6.2169**	ng/L
Cd-Precon	111	4	2			-1.853159	**0.0583**	ng/L
Cd-Precon	114	12	6			-6.178028	**-0.4554**	ng/L
Pb-Precon	208	1281	130			-1150.494550	**-1.1192**	ng/L
Tb-Precon	159	12	5			-6.871008		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB9

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 04:24:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCB9.210
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	356			41.382025	**2.0110**	ng/L
Fe-Precon	54	133	343			209.606970	**28.9814**	ng/L
Fe-Precon	56	2555	6508			3952.759594	**28.7891**	ng/L
Fe-Precon	57	80	197			117.756914	**27.8058**	ng/L
Co-Precon	59	33	93			60.153471	**0.7470**	ng/L
Ni-Precon	60	27	26			-1.212077	**-1.5241**	ng/L
Cu-Precon	63	311	203			-107.384179	**-2.3189**	ng/L
Cu-Precon	65	146	98			-47.860323	**-1.9060**	ng/L
Zn-Precon	66	221	246			24.162355	**2.4739**	ng/L
Zn-Precon	68	151	178			26.903845	**1.2708**	ng/L
Cd-Precon	111	4	0			-3.939065	**-0.0464**	ng/L
Cd-Precon	114	12	6			-5.633282	**-0.4448**	ng/L
Pb-Precon	208	1281	550			-730.672174	**0.2567**	ng/L
Tb-Precon	159	12	8			-3.743727		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 04:34:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.211
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	114			-200.667966	**-3.6083**	ng/L
Fe-Precon	54	133	243			109.996469	**10.8056**	ng/L
Fe-Precon	56	2555	4571			2016.143104	**10.7098**	ng/L
Fe-Precon	57	80	140			60.112899	**6.2253**	ng/L
Co-Precon	59	33	29			-3.844206	**0.2943**	ng/L
Ni-Precon	60	27	12			-15.283166	**-2.1406**	ng/L
Cu-Precon	63	311	204			-106.452379	**-2.3021**	ng/L
Cu-Precon	65	146	97			-49.557482	**-1.9709**	ng/L
Zn-Precon	66	221	94			-127.050416	**-5.8922**	ng/L
Zn-Precon	68	151	80			-71.049825	**-6.9707**	ng/L
Cd-Precon	111	4	1			-3.336592	**-0.0161**	ng/L
Cd-Precon	114	12	3			-8.725019	**-0.5051**	ng/L
Pb-Precon	208	1281	81			-1199.971301	**-1.2813**	ng/L
Tb-Precon	159	12	3			-8.242436		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1247011-04
Sample Description: 10x
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 04:45:25
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 221

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1247011-04.212
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	8164			7848.734830	**1832.5993**	ng/L
Fe-Precon	54	133	16137			16003.781204	**29109.2180**	ng/L
Fe-Precon	56	2555	316557			314001.881062	**29232.6126**	ng/L
Fe-Precon	57	80	9171			9090.957381	**33871.6229**	ng/L
Co-Precon	59	33	2491			2457.803301	**177.0761**	ng/L
Ni-Precon	60	27	2031			2003.511237	**863.0778**	ng/L
Cu-Precon	63	311	11437			11126.529761	**2000.8049**	ng/L
Cu-Precon	65	146	5399			5252.460524	**2009.3077**	ng/L
Zn-Precon	66	221	1689			1467.430766	**823.2527**	ng/L
Zn-Precon	68	151	1131			980.726796	**815.2292**	ng/L
Cd-Precon	111	4	13			8.330639	**5.6948**	ng/L
Cd-Precon	114	12	27			15.136022	**-0.4021**	ng/L
Pb-Precon	208	1281	4650			3368.792007	**136.9141**	ng/L
Tb-Precon	159	12	226			214.650245		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 04:55:55
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.213
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	107			-207.629391	**-3.7699**	ng/L
Fe-Precon	54	133	581			447.722985	**72.4301**	ng/L
Fe-Precon	56	2555	11325			8769.679992	**73.7576**	ng/L
Fe-Precon	57	80	311			231.433171	**70.3636**	ng/L
Co-Precon	59	33	32			-1.662357	**0.3097**	ng/L
Ni-Precon	60	27	14			-13.045931	**-2.0426**	ng/L
Cu-Precon	63	311	221			-89.751751	**-2.0012**	ng/L
Cu-Precon	65	146	98			-48.805894	**-1.9421**	ng/L
Zn-Precon	66	221	94			-127.805478	**-5.9340**	ng/L
Zn-Precon	68	151	78			-72.552931	**-7.0972**	ng/L
Cd-Precon	111	4	-0			-4.202956	**-0.0596**	ng/L
Cd-Precon	114	12	2			-9.749794	**-0.5250**	ng/L
Pb-Precon	208	1281	79			-1202.066614	**-1.2882**	ng/L
Tb-Precon	159	12	4			-8.121226		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-DUP2

Sample Description: 10x
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 05:06:24
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 222

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-DUP2.214
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	8100			7784.528610	**1817.6937**	ng/L
Fe-Precon	54	133	16064			15930.715245	**28975.8956**	ng/L
Fe-Precon	56	2555	316075			313519.700985	**29187.5986**	ng/L
Fe-Precon	57	80	9108			9028.609747	**33638.2079**	ng/L
Co-Precon	59	33	2495			2461.866137	**177.3635**	ng/L
Ni-Precon	60	27	2036			2009.373607	**865.6463**	ng/L
Cu-Precon	63	311	11449			11138.040286	**2002.8787**	ng/L
Cu-Precon	65	146	5408			5261.520530	**2012.7748**	ng/L
Zn-Precon	66	221	1400			1178.992464	**663.6691**	ng/L
Zn-Precon	68	151	938			787.640618	**652.7717**	ng/L
Cd-Precon	111	4	10			5.911994	**4.4808**	ng/L
Cd-Precon	114	12	39			26.922571	**1.8941**	ng/L
Pb-Precon	208	1281	4726			3444.974703	**139.4107**	ng/L
Tb-Precon	159	12	241			229.421714		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 05:16:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.215
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	89			-225.683580	**-4.1890**	ng/L
Fe-Precon	54	133	585			451.341357	**73.0903**	ng/L
Fe-Precon	56	2555	11471			8915.848368	**75.1222**	ng/L
Fe-Precon	57	80	309			229.636584	**69.6910**	ng/L
Co-Precon	59	33	34			0.481387	**0.3249**	ng/L
Ni-Precon	60	27	14			-13.129046	**-2.0462**	ng/L
Cu-Precon	63	311	208			-102.961478	**-2.2392**	ng/L
Cu-Precon	65	146	85			-61.052064	**-2.4108**	ng/L
Zn-Precon	66	221	98			-123.618275	**-5.7023**	ng/L
Zn-Precon	68	151	78			-73.044608	**-7.1386**	ng/L
Cd-Precon	111	4	1			-3.092009	**-0.0039**	ng/L
Cd-Precon	114	12	3			-9.114430	**-0.5126**	ng/L
Pb-Precon	208	1281	60			-1220.331794	**-1.3480**	ng/L
Tb-Precon	159	12	5			-6.992219		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-MS2

Sample Description: 10x
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 05:27:24
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 223

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-MS2.216
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	184572			184257.047760	**42786.0737**	ng/L
Fe-Precon	54	133	72279			72145.233955	**131549.7252**	ng/L
Fe-Precon	56	2555	1494363			1491807.662756	**139186.9967**	ng/L
Fe-Precon	57	80	37804			37723.904665	**141066.6825**	ng/L
Co-Precon	59	33	412736			412702.967978	**29197.2260**	ng/L
Ni-Precon	60	27	47881			47853.924600	**20951.2754**	ng/L
Cu-Precon	63	311	182627			182316.483199	**32843.7821**	ng/L
Cu-Precon	65	146	86149			86003.134001	**32911.5922**	ng/L
Zn-Precon	66	221	328486			328264.492736	**181629.5087**	ng/L
Zn-Precon	68	151	220160			220009.428304	**185100.1060**	ng/L
Cd-Precon	111	4	66511			66506.898302	**33383.9892**	ng/L
Cd-Precon	114	12	166934			166922.490916	**32515.4139**	ng/L
Pb-Precon	208	1281	1017794			1016513.349073	**33339.6167**	ng/L
Tb-Precon	159	12	229			217.545603		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 05:37:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.217
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	727			411.603082	**10.6057**	ng/L
Fe-Precon	54	133	1561			1427.514232	**251.2112**	ng/L
Fe-Precon	56	2555	30406			27850.738114	**251.8894**	ng/L
Fe-Precon	57	80	849			769.477434	**271.7948**	ng/L
Co-Precon	59	33	72			38.490657	**0.5937**	ng/L
Ni-Precon	60	27	130			102.544549	**3.0217**	ng/L
Cu-Precon	63	311	850			539.188145	**9.3303**	ng/L
Cu-Precon	65	146	426			279.546733	**10.6235**	ng/L
Zn-Precon	66	221	141			-80.485741	**-3.3160**	ng/L
Zn-Precon	68	151	98			-52.451835	**-5.4060**	ng/L
Cd-Precon	111	4	3			-1.456160	**0.0782**	ng/L
Cd-Precon	114	12	16			4.269243	**-0.2519**	ng/L
Pb-Precon	208	1281	324			-957.234750	**-0.4858**	ng/L
Tb-Precon	159	12	4			-7.601744		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122198-MSD2

Sample Description: 10x
Batch ID: B122198

Sample Date/Time: Sunday, December 23, 2012 05:48:24
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 224

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122198-MSD2.218
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	178393			178077.854236	**41351.5640**	ng/L
Fe-Precon	54	133	71018			70884.583974	**129249.4352**	ng/L
Fe-Precon	56	2555	1466899			1464344.405326	**136623.1568**	ng/L
Fe-Precon	57	80	37019			36939.386525	**138129.6300**	ng/L
Co-Precon	59	33	400663			400629.630151	**28343.1755**	ng/L
Ni-Precon	60	27	46467			46439.770115	**20331.6994**	ng/L
Cu-Precon	63	311	180660			180349.000352	**32489.3043**	ng/L
Cu-Precon	65	146	85257			85110.682218	**32570.0619**	ng/L
Zn-Precon	66	221	318732			318510.596907	**176232.9932**	ng/L
Zn-Precon	68	151	215019			214868.186663	**180774.4031**	ng/L
Cd-Precon	111	4	65098			65094.297021	**32674.9480**	ng/L
Cd-Precon	114	12	163042			163030.409959	**31757.1837**	ng/L
Pb-Precon	208	1281	989685			988404.660287	**32418.4407**	ng/L
Tb-Precon	159	12	226			214.463159		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 05:58:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.219
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	740			424.654543	**10.9087**	ng/L
Fe-Precon	54	133	1433			1299.761084	**227.9002**	ng/L
Fe-Precon	56	2555	28470			25915.319515	**233.8212**	ng/L
Fe-Precon	57	80	768			688.330163	**241.4151**	ng/L
Co-Precon	59	33	136			102.320745	**1.0453**	ng/L
Ni-Precon	60	27	153			125.502763	**4.0276**	ng/L
Cu-Precon	63	311	745			433.786449	**7.4313**	ng/L
Cu-Precon	65	146	357			210.264368	**7.9722**	ng/L
Zn-Precon	66	221	192			-29.845461	**-0.5142**	ng/L
Zn-Precon	68	151	126			-25.050453	**-3.1005**	ng/L
Cd-Precon	111	4	11			7.075011	**0.5065**	ng/L
Cd-Precon	114	12	30			17.808357	**0.0118**	ng/L
Pb-Precon	208	1281	427			-854.181901	**-0.1481**	ng/L
Tb-Precon	159	12	4			-7.262349		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVA

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 06:09:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCVA.220
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	32518			32202.430281	**748.6349**	ng/L
Fe-Precon	54	133	8149			8016.079462	**1453.4173**	ng/L
Fe-Precon	56	2555	161079			158523.766569	**1471.7910**	ng/L
Fe-Precon	57	80	4139			4059.698626	**1503.5767**	ng/L
Co-Precon	59	33	67848			67814.621033	**480.0323**	ng/L
Ni-Precon	60	27	7520			7492.998836	**326.8158**	ng/L
Cu-Precon	63	311	29399			29088.347161	**523.6952**	ng/L
Cu-Precon	65	146	13808			13661.883733	**522.7490**	ng/L
Zn-Precon	66	221	54397			54175.665627	**2998.5016**	ng/L
Zn-Precon	68	151	36665			36514.700307	**3071.2562**	ng/L
Cd-Precon	111	4	11048			11043.961877	**554.4920**	ng/L
Cd-Precon	114	12	27902			27890.204029	**543.0039**	ng/L
Pb-Precon	208	1281	149259			147978.474202	**487.6052**	ng/L
Tb-Precon	159	12	4			-7.986159		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 06:19:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.221
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	364			48.481556	**2.1758**	ng/L
Fe-Precon	54	133	439			305.670368	**46.5099**	ng/L
Fe-Precon	56	2555	8204			5649.182386	**44.6261**	ng/L
Fe-Precon	57	80	242			162.782480	**44.6624**	ng/L
Co-Precon	59	33	45			11.473651	**0.4026**	ng/L
Ni-Precon	60	27	35			8.401841	**-1.1029**	ng/L
Cu-Precon	63	311	333			22.227012	**0.0163**	ng/L
Cu-Precon	65	146	165			18.296585	**0.6258**	ng/L
Zn-Precon	66	221	127			-94.713490	**-4.1031**	ng/L
Zn-Precon	68	151	105			-45.691697	**-4.8372**	ng/L
Cd-Precon	111	4	2			-1.697694	**0.0661**	ng/L
Cd-Precon	114	12	6			-5.625251	**-0.4447**	ng/L
Pb-Precon	208	1281	236			-1044.514430	**-0.7718**	ng/L
Tb-Precon	159	12	2			-9.922093		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBA

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 06:30:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCBA.222
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	324			9.348001	**1.2673**	ng/L
Fe-Precon	54	133	198			64.233656	**2.4553**	ng/L
Fe-Precon	56	2555	3947			1392.108071	**4.8841**	ng/L
Fe-Precon	57	80	132			52.046882	**3.2055**	ng/L
Co-Precon	59	33	90			56.423650	**0.7206**	ng/L
Ni-Precon	60	27	32			5.343810	**-1.2369**	ng/L
Cu-Precon	63	311	223			-87.388479	**-1.9586**	ng/L
Cu-Precon	65	146	110			-36.348184	**-1.4654**	ng/L
Zn-Precon	66	221	1093			871.928356	**49.3780**	ng/L
Zn-Precon	68	151	754			602.908491	**49.7343**	ng/L
Cd-Precon	111	4	6			1.788858	**0.2411**	ng/L
Cd-Precon	114	12	12			0.661483	**-0.3222**	ng/L
Pb-Precon	208	1281	446			-834.411243	**-0.0833**	ng/L
Tb-Precon	159	12	3			-9.077071		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 06:41:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.223
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	104			-211.238181	**-3.8536**	ng/L
Fe-Precon	54	133	165			31.912744	**-3.4422**	ng/L
Fe-Precon	56	2555	3252			696.698510	**-1.6079**	ng/L
Fe-Precon	57	80	111			31.505788	**-4.4846**	ng/L
Co-Precon	59	33	39			5.416494	**0.3598**	ng/L
Ni-Precon	60	27	15			-12.349820	**-2.0121**	ng/L
Cu-Precon	63	311	209			-101.731847	**-2.2170**	ng/L
Cu-Precon	65	146	94			-52.165287	**-2.0707**	ng/L
Zn-Precon	66	221	131			-90.651108	**-3.8784**	ng/L
Zn-Precon	68	151	99			-51.904785	**-5.3599**	ng/L
Cd-Precon	111	4	1			-3.045036	**-0.0015**	ng/L
Cd-Precon	114	12	5			-6.521549	**-0.4621**	ng/L
Pb-Precon	208	1281	103			-1177.574361	**-1.2079**	ng/L
Tb-Precon	159	12	2			-9.253695		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-BLK1
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 06:51:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 225

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-BLK1.224
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	166			-149.506815	**-2.4205**	ng/L
Fe-Precon	54	133	183			49.669661	**-0.2021**	ng/L
Fe-Precon	56	2555	3708			1153.122957	**2.6530**	ng/L
Fe-Precon	57	80	129			49.109782	**2.1060**	ng/L
Co-Precon	59	33	75			42.088964	**0.6192**	ng/L
Ni-Precon	60	27	25			-1.880500	**-1.5534**	ng/L
Cu-Precon	63	311	283			-27.694433	**-0.8831**	ng/L
Cu-Precon	65	146	132			-14.612072	**-0.6336**	ng/L
Zn-Precon	66	221	180			-41.789281	**-1.1750**	ng/L
Zn-Precon	68	151	131			-19.287084	**-2.6156**	ng/L
Cd-Precon	111	4	1			-3.215381	**-0.0101**	ng/L
Cd-Precon	114	12	4			-7.977569	**-0.4905**	ng/L
Pb-Precon	208	1281	134			-1147.214710	**-1.1084**	ng/L
Tb-Precon	159	12	2			-10.181833		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 07:02:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.225
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	67			-247.685975	**-4.6998**	ng/L
Fe-Precon	54	133	131			-2.596381	**-9.7391**	ng/L
Fe-Precon	56	2555	2679			123.513178	**-6.9589**	ng/L
Fe-Precon	57	80	86			6.712057	**-13.7668**	ng/L
Co-Precon	59	33	31			-2.673631	**0.3026**	ng/L
Ni-Precon	60	27	13			-13.884029	**-2.0793**	ng/L
Cu-Precon	63	311	190			-120.434524	**-2.5540**	ng/L
Cu-Precon	65	146	95			-51.486534	**-2.0447**	ng/L
Zn-Precon	66	221	110			-111.070790	**-5.0081**	ng/L
Zn-Precon	68	151	94			-56.247820	**-5.7253**	ng/L
Cd-Precon	111	4	2			-2.623761	**0.0196**	ng/L
Cd-Precon	114	12	2			-9.879961	**-0.5276**	ng/L
Pb-Precon	208	1281	66			-1215.161146	**-1.3311**	ng/L
Tb-Precon	159	12	1			-10.971444		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-BLK2
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 07:12:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 226

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-BLK2.226
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	135			-180.071277	**-3.1301**	ng/L
Fe-Precon	54	133	180			46.968327	**-0.6951**	ng/L
Fe-Precon	56	2555	3368			812.623315	**-0.5257**	ng/L
Fe-Precon	57	80	114			34.532776	**-3.3513**	ng/L
Co-Precon	59	33	67			33.437729	**0.5580**	ng/L
Ni-Precon	60	27	13			-14.116057	**-2.0894**	ng/L
Cu-Precon	63	311	252			-58.776536	**-1.4431**	ng/L
Cu-Precon	65	146	131			-15.356703	**-0.6621**	ng/L
Zn-Precon	66	221	211			-10.102118	**0.5781**	ng/L
Zn-Precon	68	151	147			-3.283056	**-1.2690**	ng/L
Cd-Precon	111	4	1			-3.207986	**-0.0097**	ng/L
Cd-Precon	114	12	3			-8.479590	**-0.5003**	ng/L
Pb-Precon	208	1281	127			-1154.127689	**-1.1311**	ng/L
Tb-Precon	159	12	1			-10.971444		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 07:23:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.227
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	51			-263.776364	**-5.0733**	ng/L
Fe-Precon	54	133	117			-15.933739	**-12.1727**	ng/L
Fe-Precon	56	2555	2130			-424.583966	**-12.0757**	ng/L
Fe-Precon	57	80	77			-2.538433	**-17.2299**	ng/L
Co-Precon	59	33	35			2.022501	**0.3358**	ng/L
Ni-Precon	60	27	11			-15.726458	**-2.1600**	ng/L
Cu-Precon	63	311	159			-151.473105	**-3.1132**	ng/L
Cu-Precon	65	146	75			-71.151123	**-2.7973**	ng/L
Zn-Precon	66	221	111			-110.232669	**-4.9618**	ng/L
Zn-Precon	68	151	83			-67.319896	**-6.6569**	ng/L
Cd-Precon	111	4	2			-2.663425	**0.0176**	ng/L
Cd-Precon	114	12	4			-7.637449	**-0.4839**	ng/L
Pb-Precon	208	1281	63			-1218.177664	**-1.3410**	ng/L
Tb-Precon	159	12	1			-10.465816		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-BLK3
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 07:33:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 227

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-BLK3.228
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	120			-194.811056	**-3.4723**	ng/L
Fe-Precon	54	133	105			-28.294241	**-14.4281**	ng/L
Fe-Precon	56	2555	2337			-217.848014	**-10.1457**	ng/L
Fe-Precon	57	80	84			4.280805	**-14.6770**	ng/L
Co-Precon	59	33	65			31.532966	**0.5445**	ng/L
Ni-Precon	60	27	17			-9.897864	**-1.9046**	ng/L
Cu-Precon	63	311	213			-97.633277	**-2.1432**	ng/L
Cu-Precon	65	146	101			-45.065311	**-1.7990**	ng/L
Zn-Precon	66	221	243			21.066366	**2.3026**	ng/L
Zn-Precon	68	151	188			37.696446	**2.1789**	ng/L
Cd-Precon	111	4	1			-3.509444	**-0.0248**	ng/L
Cd-Precon	114	12	4			-7.822758	**-0.4875**	ng/L
Pb-Precon	208	1281	122			-1159.104115	**-1.1474**	ng/L
Tb-Precon	159	12	1			-10.386162		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 07:44:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.229
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	43			-272.465676	**-5.2751**	ng/L
Fe-Precon	54	133	103			-30.621728	**-14.8528**	ng/L
Fe-Precon	56	2555	2113			-442.402503	**-12.2420**	ng/L
Fe-Precon	57	80	83			3.518832	**-14.9622**	ng/L
Co-Precon	59	33	27			-5.977562	**0.2792**	ng/L
Ni-Precon	60	27	10			-16.772351	**-2.2058**	ng/L
Cu-Precon	63	311	186			-124.655866	**-2.6300**	ng/L
Cu-Precon	65	146	79			-67.216830	**-2.6467**	ng/L
Zn-Precon	66	221	131			-90.605999	**-3.8759**	ng/L
Zn-Precon	68	151	106			-44.742618	**-4.7573**	ng/L
Cd-Precon	111	4	2			-2.620852	**0.0198**	ng/L
Cd-Precon	114	12	5			-6.675175	**-0.4651**	ng/L
Pb-Precon	208	1281	92			-1188.590913	**-1.2440**	ng/L
Tb-Precon	159	12	1			-10.445037		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-BLK4
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 07:54:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 228

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-BLK4.230
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	89			-226.299990	**-4.2033**	ng/L
Fe-Precon	54	133	295			162.137283	**20.3197**	ng/L
Fe-Precon	56	2555	5784			3228.831603	**22.0309**	ng/L
Fe-Precon	57	80	177			97.379015	**20.1768**	ng/L
Co-Precon	59	33	64			31.013489	**0.5409**	ng/L
Ni-Precon	60	27	19			-8.162781	**-1.8286**	ng/L
Cu-Precon	63	311	224			-86.269386	**-1.9384**	ng/L
Cu-Precon	65	146	109			-37.387058	**-1.5052**	ng/L
Zn-Precon	66	221	271			49.349042	**3.8674**	ng/L
Zn-Precon	68	151	186			34.925067	**1.9457**	ng/L
Cd-Precon	111	4	2			-2.525496	**0.0246**	ng/L
Cd-Precon	114	12	4			-8.159265	**-0.4940**	ng/L
Pb-Precon	208	1281	122			-1158.706059	**-1.1461**	ng/L
Tb-Precon	159	12	2			-9.503045		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 08:05:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.231
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	30			-284.815646	**-5.5618**	ng/L
Fe-Precon	54	133	111			-21.959936	**-13.2723**	ng/L
Fe-Precon	56	2555	2221			-334.514521	**-11.2348**	ng/L
Fe-Precon	57	80	81			1.645302	**-15.6636**	ng/L
Co-Precon	59	33	29			-4.429487	**0.2901**	ng/L
Ni-Precon	60	27	11			-16.311743	**-2.1856**	ng/L
Cu-Precon	63	311	169			-142.049155	**-2.9434**	ng/L
Cu-Precon	65	146	77			-69.156194	**-2.7209**	ng/L
Zn-Precon	66	221	129			-92.607560	**-3.9866**	ng/L
Zn-Precon	68	151	100			-50.934990	**-5.2783**	ng/L
Cd-Precon	111	4	0			-4.029240	**-0.0509**	ng/L
Cd-Precon	114	12	4			-8.038889	**-0.4917**	ng/L
Pb-Precon	208	1281	66			-1215.168068	**-1.3311**	ng/L
Tb-Precon	159	12	1			-10.569713		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-BS1
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 08:15:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 229

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-BS1.232
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	64724			64409.092320	**1496.3178**	ng/L
Fe-Precon	54	133	358820			358686.549462	**65439.7572**	ng/L
Fe-Precon	56	2555	7501178			7498622.642184	**69995.4868**	ng/L
Fe-Precon	57	80	182962			182882.642956	**68450.7057**	ng/L
Co-Precon	59	33	255369			255335.368928	**1806.5270**	ng/L
Ni-Precon	60	27	56911			56883.548742	**2490.7377**	ng/L
Cu-Precon	63	311	112912			112601.248571	**2028.3317**	ng/L
Cu-Precon	65	146	52650			52503.478621	**2009.1688**	ng/L
Zn-Precon	66	221	86113			85892.033278	**4753.2658**	ng/L
Zn-Precon	68	151	57383			57231.781415	**4814.3358**	ng/L
Cd-Precon	111	4	4284			4280.253797	**214.9944**	ng/L
Cd-Precon	114	12	11329			11316.901710	**220.1335**	ng/L
Pb-Precon	208	1281	143762			142481.443893	**469.5904**	ng/L
Tb-Precon	159	12	50			38.732883		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 08:26:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.233
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	306			-8.957380	**0.8423**	ng/L
Fe-Precon	54	133	3655			3522.085478	**633.4046**	ng/L
Fe-Precon	56	2555	72457			69902.114685	**644.4612**	ng/L
Fe-Precon	57	80	1909			1829.643831	**668.6963**	ng/L
Co-Precon	59	33	55			22.081637	**0.4777**	ng/L
Ni-Precon	60	27	137			110.181536	**3.3563**	ng/L
Cu-Precon	63	311	490			179.680762	**2.8531**	ng/L
Cu-Precon	65	146	206			59.979090	**2.2209**	ng/L
Zn-Precon	66	221	161			-60.755037	**-2.2243**	ng/L
Zn-Precon	68	151	111			-39.862717	**-4.3467**	ng/L
Cd-Precon	111	4	1			-2.872887	**0.0071**	ng/L
Cd-Precon	114	12	26			13.994165	**-0.0625**	ng/L
Pb-Precon	208	1281	116			-1164.874213	**-1.1663**	ng/L
Tb-Precon	159	12	2			-9.440708		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-10
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 08:36:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 230

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-10.234
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	236			-79.004365	**-0.7838**	ng/L
Fe-Precon	54	133	1895			1761.482648	**312.1499**	ng/L
Fe-Precon	56	2555	36545			33990.278149	**309.2052**	ng/L
Fe-Precon	57	80	1019			939.728266	**335.5327**	ng/L
Co-Precon	59	33	147			114.046449	**1.1282**	ng/L
Ni-Precon	60	27	409			381.987348	**15.2648**	ng/L
Cu-Precon	63	311	10777			10466.768928	**188.1937**	ng/L
Cu-Precon	65	146	5025			4879.092325	**186.6424**	ng/L
Zn-Precon	66	221	12783			12561.379615	**696.1176**	ng/L
Zn-Precon	68	151	8607			8456.595046	**710.5224**	ng/L
Cd-Precon	111	4	32			27.852639	**1.5494**	ng/L
Cd-Precon	114	12	76			64.288123	**0.9173**	ng/L
Pb-Precon	208	1281	2317			1036.079853	**6.0467**	ng/L
Tb-Precon	159	12	6			-5.554987		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 08:47:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.235
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	60			-254.893049	**-4.8671**	ng/L
Fe-Precon	54	133	429			295.868416	**44.7214**	ng/L
Fe-Precon	56	2555	8400			5844.510670	**46.4496**	ng/L
Fe-Precon	57	80	231			150.992849	**40.2486**	ng/L
Co-Precon	59	33	32			-1.485758	**0.3110**	ng/L
Ni-Precon	60	27	22			-4.765376	**-1.6798**	ng/L
Cu-Precon	63	311	253			-57.748905	**-1.4246**	ng/L
Cu-Precon	65	146	112			-34.703028	**-1.4024**	ng/L
Zn-Precon	66	221	147			-74.196634	**-2.9680**	ng/L
Zn-Precon	68	151	118			-32.915326	**-3.7622**	ng/L
Cd-Precon	111	4	1			-3.079680	**-0.0033**	ng/L
Cd-Precon	114	12	13			0.810225	**-0.3193**	ng/L
Pb-Precon	208	1281	69			-1211.341139	**-1.3186**	ng/L
Tb-Precon	159	12	3			-9.146334		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-26
Sample Description:
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 08:57:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 231

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-26.236
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	119			-195.722158	**-3.4934**	ng/L
Fe-Precon	54	133	1006			872.398916	**149.9201**	ng/L
Fe-Precon	56	2555	19836			17280.870772	**153.2141**	ng/L
Fe-Precon	57	80	528			448.690200	**151.6995**	ng/L
Co-Precon	59	33	109			76.036469	**0.8593**	ng/L
Ni-Precon	60	27	147			119.688225	**3.7728**	ng/L
Cu-Precon	63	311	760			448.816909	**7.7021**	ng/L
Cu-Precon	65	146	343			196.882558	**7.4601**	ng/L
Zn-Precon	66	221	1980			1758.213375	**98.4133**	ng/L
Zn-Precon	68	151	1378			1226.929418	**102.2378**	ng/L
Cd-Precon	111	4	3			-1.207758	**0.0907**	ng/L
Cd-Precon	114	12	14			2.327872	**-0.2897**	ng/L
Pb-Precon	208	1281	5682			4400.857801	**17.0737**	ng/L
Tb-Precon	159	12	2			-9.454561		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 09:08:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.237
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	42			-273.161803	**-5.2912**	ng/L
Fe-Precon	54	133	244			111.177901	**11.0212**	ng/L
Fe-Precon	56	2555	4792			2237.288487	**12.7743**	ng/L
Fe-Precon	57	80	154			74.794309	**11.7217**	ng/L
Co-Precon	59	33	31			-2.642469	**0.3028**	ng/L
Ni-Precon	60	27	16			-11.196567	**-1.9615**	ng/L
Cu-Precon	63	311	188			-123.007163	**-2.6003**	ng/L
Cu-Precon	65	146	90			-56.366324	**-2.2315**	ng/L
Zn-Precon	66	221	157			-64.010676	**-2.4044**	ng/L
Zn-Precon	68	151	124			-27.131495	**-3.2756**	ng/L
Cd-Precon	111	4	1			-3.353222	**-0.0170**	ng/L
Cd-Precon	114	12	7			-4.588357	**-0.4245**	ng/L
Pb-Precon	208	1281	57			-1223.531778	**-1.3585**	ng/L
Tb-Precon	159	12	1			-10.268413		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-01
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 09:18:38
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 232

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-01.238
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2057			1742.028504	**414.9175**	ng/L
Fe-Precon	54	133	19506380			19506246.823476	**35592677.3786**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	10073237			10073157.587709	**37711383.8908**	ng/L
Co-Precon	59	33	2997			2963.673118	**212.8606**	ng/L
Ni-Precon	60	27	555			528.264169	**216.7357**	ng/L
Cu-Precon	63	311	570			258.898081	**42.8038**	ng/L
Cu-Precon	65	146	276			129.905269	**48.9691**	ng/L
Zn-Precon	66	221	1933			1711.226297	**958.1369**	ng/L
Zn-Precon	68	151	1368			1217.360971	**1014.3269**	ng/L
Cd-Precon	111	4	2			-2.646927	**0.1847**	ng/L
Cd-Precon	114	12	7			-4.815394	**-4.2889**	ng/L
Pb-Precon	208	1281	480			-801.122427	**0.2580**	ng/L
Tb-Precon	159	12	264			252.465956		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 09:29:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.239
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	81			-233.749498	**-4.3763**	ng/L
Fe-Precon	54	133	85631			85497.660745	**15591.3708**	ng/L
Fe-Precon	56	2555	1841707			1839151.768333	**17161.3402**	ng/L
Fe-Precon	57	80	43778			43698.177901	**16343.2965**	ng/L
Co-Precon	59	33	44			10.206158	**0.3937**	ng/L
Ni-Precon	60	27	15			-11.619082	**-1.9800**	ng/L
Cu-Precon	63	311	181			-129.532396	**-2.7179**	ng/L
Cu-Precon	65	146	85			-61.498822	**-2.4279**	ng/L
Zn-Precon	66	221	167			-54.925868	**-1.9018**	ng/L
Zn-Precon	68	151	125			-26.092723	**-3.1882**	ng/L
Cd-Precon	111	4	1			-3.130196	**-0.0058**	ng/L
Cd-Precon	114	12	6			-5.791967	**-0.4479**	ng/L
Pb-Precon	208	1281	67			-1214.115246	**-1.3277**	ng/L
Tb-Precon	159	12	4			-7.373173		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-DUP1
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 09:39:38
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 233

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-DUP1.240
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2251			1935.601255	**459.8557**	ng/L
Fe-Precon	54	133	20684801			20684667.953105	**37742925.5861**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	10605388			10605308.143155	**39703631.1422**	ng/L
Co-Precon	59	33	2504			2470.749303	**177.9919**	ng/L
Ni-Precon	60	27	590			562.883443	**231.9032**	ng/L
Cu-Precon	63	311	634			323.428737	**54.4302**	ng/L
Cu-Precon	65	146	304			158.015629	**59.7266**	ng/L
Zn-Precon	66	221	2644			2422.386803	**1351.5990**	ng/L
Zn-Precon	68	151	1789			1638.473259	**1368.6395**	ng/L
Cd-Precon	111	4	2			-1.754840	**0.6325**	ng/L
Cd-Precon	114	12	12			0.531230	**-3.2473**	ng/L
Pb-Precon	208	1281	645			-635.474647	**5.6865**	ng/L
Tb-Precon	159	12	290			278.528767		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 09:50:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.241
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	81			-233.905312	**-4.3799**	ng/L
Fe-Precon	54	133	89542			89408.924299	**16305.0534**	ng/L
Fe-Precon	56	2555	1957918			1955362.595191	**18246.2296**	ng/L
Fe-Precon	57	80	45857			45777.356424	**17121.6923**	ng/L
Co-Precon	59	33	42			8.945531	**0.3847**	ng/L
Ni-Precon	60	27	17			-9.897864	**-1.9046**	ng/L
Cu-Precon	63	311	183			-127.859593	**-2.6878**	ng/L
Cu-Precon	65	146	86			-59.902174	**-2.3668**	ng/L
Zn-Precon	66	221	171			-50.776955	**-1.6723**	ng/L
Zn-Precon	68	151	126			-24.346846	**-3.0413**	ng/L
Cd-Precon	111	4	1			-2.932802	**0.0041**	ng/L
Cd-Precon	114	12	4			-7.307199	**-0.4774**	ng/L
Pb-Precon	208	1281	64			-1217.214840	**-1.3378**	ng/L
Tb-Precon	159	12	2			-9.554993		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MS1
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 10:00:37
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 234

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MS1.242
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	165901			165585.988598	**38451.5572**	ng/L
Fe-Precon	54	133	20879964			20879831.074150	**38099036.9462**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	10767560			10767480.505671	**40310766.5480**	ng/L
Co-Precon	59	33	335305			335271.453504	**23719.8326**	ng/L
Ni-Precon	60	27	49151			49123.517203	**21507.5153**	ng/L
Cu-Precon	63	311	160272			159961.463920	**28816.1196**	ng/L
Cu-Precon	65	146	76427			76280.589053	**29190.8944**	ng/L
Zn-Precon	66	221	300439			300217.108946	**166111.7974**	ng/L
Zn-Precon	68	151	202763			202611.844642	**170462.2456**	ng/L
Cd-Precon	111	4	61287			61282.734094	**30761.7720**	ng/L
Cd-Precon	114	12	153080			153068.415615	**29816.4521**	ng/L
Pb-Precon	208	1281	1003030			1001749.557278	**32855.7787**	ng/L
Tb-Precon	159	12	286			274.420362		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 10:11:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.243
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2749			2434.222415	**57.5611**	ng/L
Fe-Precon	54	133	92140			92006.335768	**16778.9994**	ng/L
Fe-Precon	56	2555	2031963			2029407.580296	**18937.4786**	ng/L
Fe-Precon	57	80	47409			47329.767863	**17702.8788**	ng/L
Co-Precon	59	33	103			69.940719	**0.8162**	ng/L
Ni-Precon	60	27	108			80.653000	**2.0626**	ng/L
Cu-Precon	63	311	345			34.436109	**0.2363**	ng/L
Cu-Precon	65	146	167			20.527738	**0.7112**	ng/L
Zn-Precon	66	221	238			16.760282	**2.0644**	ng/L
Zn-Precon	68	151	161			10.155032	**-0.1384**	ng/L
Cd-Precon	111	4	7			3.192803	**0.3116**	ng/L
Cd-Precon	114	12	21			9.270730	**-0.1545**	ng/L
Pb-Precon	208	1281	254			-1027.275035	**-0.7154**	ng/L
Tb-Precon	159	12	2			-9.759322		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVB

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 10:21:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCVB.244
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	30667			30351.787600	**705.6719**	ng/L
Fe-Precon	54	133	33087			32953.202125	**6003.6584**	ng/L
Fe-Precon	56	2555	699537			696981.923560	**6498.5820**	ng/L
Fe-Precon	57	80	16727			16647.893595	**6216.3025**	ng/L
Co-Precon	59	33	68785			68751.947541	**486.6628**	ng/L
Ni-Precon	60	27	7080			7052.619759	**307.5217**	ng/L
Cu-Precon	63	311	29111			28800.644283	**518.5117**	ng/L
Cu-Precon	65	146	13780			13633.685411	**521.6699**	ng/L
Zn-Precon	66	221	57030			56808.640492	**3144.1756**	ng/L
Zn-Precon	68	151	37984			37833.310993	**3182.2005**	ng/L
Cd-Precon	111	4	11365			11360.617731	**570.3862**	ng/L
Cd-Precon	114	12	28921			28909.723950	**562.8655**	ng/L
Pb-Precon	208	1281	154089			152807.918497	**503.4323**	ng/L
Tb-Precon	159	12	1			-11.213869		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 10:32:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.245
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	629			314.289940	**8.3466**	ng/L
Fe-Precon	54	133	9978			9844.678612	**1787.0791**	ng/L
Fe-Precon	56	2555	195476			192920.860353	**1792.9061**	ng/L
Fe-Precon	57	80	5113			5033.106425	**1867.9978**	ng/L
Co-Precon	59	33	64			31.103435	**0.5415**	ng/L
Ni-Precon	60	27	39			12.436546	**-0.9261**	ng/L
Cu-Precon	63	311	252			-58.610418	**-1.4401**	ng/L
Cu-Precon	65	146	110			-35.890985	**-1.4479**	ng/L
Zn-Precon	66	221	176			-45.907413	**-1.4028**	ng/L
Zn-Precon	68	151	130			-20.409266	**-2.7100**	ng/L
Cd-Precon	111	4	2			-2.396327	**0.0310**	ng/L
Cd-Precon	114	12	7			-4.528136	**-0.4233**	ng/L
Pb-Precon	208	1281	118			-1162.948469	**-1.1600**	ng/L
Tb-Precon	159	12	1			-10.368846		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBB

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 10:42:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCBB.246
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	716			400.438146	**10.3465**	ng/L
Fe-Precon	54	133	7601			7467.582418	**1353.3338**	ng/L
Fe-Precon	56	2555	147916			145361.322358	**1348.9127**	ng/L
Fe-Precon	57	80	3856			3776.819628	**1397.6734**	ng/L
Co-Precon	59	33	138			104.612329	**1.0615**	ng/L
Ni-Precon	60	27	31			3.677997	**-1.3098**	ng/L
Cu-Precon	63	311	214			-96.968133	**-2.1312**	ng/L
Cu-Precon	65	146	102			-44.303276	**-1.7698**	ng/L
Zn-Precon	66	221	1198			976.844567	**55.1827**	ng/L
Zn-Precon	68	151	836			685.188406	**56.6571**	ng/L
Cd-Precon	111	4	7			2.375585	**0.2706**	ng/L
Cd-Precon	114	12	16			4.440037	**-0.2486**	ng/L
Pb-Precon	208	1281	459			-821.773898	**-0.0419**	ng/L
Tb-Precon	159	12	2			-9.804344		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 10:53:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.247
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	255			-60.210453	**-0.3475**	ng/L
Fe-Precon	54	133	4468			4334.486039	**781.6422**	ng/L
Fe-Precon	56	2555	87112			84556.898137	**781.2713**	ng/L
Fe-Precon	57	80	2290			2210.476797	**811.2712**	ng/L
Co-Precon	59	33	47			13.617476	**0.4178**	ng/L
Ni-Precon	60	27	21			-6.271871	**-1.7458**	ng/L
Cu-Precon	63	311	179			-132.060966	**-2.7635**	ng/L
Cu-Precon	65	146	101			-45.300916	**-1.8080**	ng/L
Zn-Precon	66	221	192			-28.989013	**-0.4668**	ng/L
Zn-Precon	68	151	145			-5.897919	**-1.4890**	ng/L
Cd-Precon	111	4	1			-2.961158	**0.0027**	ng/L
Cd-Precon	114	12	4			-8.024681	**-0.4914**	ng/L
Pb-Precon	208	1281	74			-1207.095164	**-1.3047**	ng/L
Tb-Precon	159	12	2			-9.963652		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MSD1
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 11:03:42
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 235

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MSD1.248
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	149824			149508.939836	**34719.2444**	ng/L
Fe-Precon	54	133	19431719			19431585.490711	**35456443.9109**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	9943379			9943299.634241	**37225226.0767**	ng/L
Co-Precon	59	33	313593			313559.639289	**22183.9703**	ng/L
Ni-Precon	60	27	44562			44535.090887	**19497.2125**	ng/L
Cu-Precon	63	311	148965			148654.709615	**26779.0026**	ng/L
Cu-Precon	65	146	70856			70710.050560	**27059.1182**	ng/L
Zn-Precon	66	221	286183			285961.302226	**158224.5201**	ng/L
Zn-Precon	68	151	193165			193014.041621	**162386.9114**	ng/L
Cd-Precon	111	4	57941			57936.443679	**29082.1348**	ng/L
Cd-Precon	114	12	146725			146713.247215	**28578.3792**	ng/L
Pb-Precon	208	1281	949335			948054.596008	**31096.0912**	ng/L
Tb-Precon	159	12	275			262.950967		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 11:14:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.249
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2611			2295.403199	**54.3384**	ng/L
Fe-Precon	54	133	84611			84478.181157	**15405.3478**	ng/L
Fe-Precon	56	2555	1833816			1831261.359788	**17087.6790**	ng/L
Fe-Precon	57	80	43453			43373.292280	**16221.6669**	ng/L
Co-Precon	59	33	121			87.208859	**0.9384**	ng/L
Ni-Precon	60	27	116			89.429097	**2.4471**	ng/L
Cu-Precon	63	311	348			37.428589	**0.2902**	ng/L
Cu-Precon	65	146	166			20.101784	**0.6949**	ng/L
Zn-Precon	66	221	265			43.203753	**3.5274**	ng/L
Zn-Precon	68	151	182			30.775893	**1.5966**	ng/L
Cd-Precon	111	4	9			4.411300	**0.3728**	ng/L
Cd-Precon	114	12	26			14.195736	**-0.0585**	ng/L
Pb-Precon	208	1281	261			-1020.151662	**-0.6920**	ng/L
Tb-Precon	159	12	3			-8.730751		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-02
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 11:24:42
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 236

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-02.250
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2443			2127.424262	**504.3878**	ng/L
Fe-Precon	54	133	3752127			3751993.599143	**6846116.4893**	ng/L
Fe-Precon	56	2555	74882228			74879672.495628	**6990331.3906**	ng/L
Fe-Precon	57	80	1924872			1924792.481010	**7205810.1950**	ng/L
Co-Precon	59	33	1376			1343.186393	**98.2297**	ng/L
Ni-Precon	60	27	421			393.579717	**157.7271**	ng/L
Cu-Precon	63	311	538			226.827044	**37.0256**	ng/L
Cu-Precon	65	146	260			113.727492	**42.7781**	ng/L
Zn-Precon	66	221	1068			846.926812	**479.9479**	ng/L
Zn-Precon	68	151	737			586.530879	**483.5633**	ng/L
Cd-Precon	111	4	-81			-85.303342	**-41.3039**	ng/L
Cd-Precon	114	12	-130			-141.959252	**-31.0064**	ng/L
Pb-Precon	208	1281	481			-799.358218	**0.3158**	ng/L
Tb-Precon	159	12	618			606.479168		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 11:35:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.251
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	512			197.000744	**5.6237**	ng/L
Fe-Precon	54	133	23964			23830.481732	**4339.0487**	ng/L
Fe-Precon	56	2555	500114			497558.666629	**4636.8607**	ng/L
Fe-Precon	57	80	12351			12271.353339	**4577.8282**	ng/L
Co-Precon	59	33	67			33.344266	**0.5573**	ng/L
Ni-Precon	60	27	30			2.787950	**-1.3488**	ng/L
Cu-Precon	63	311	189			-121.437464	**-2.5721**	ng/L
Cu-Precon	65	146	86			-60.702018	**-2.3974**	ng/L
Zn-Precon	66	221	208			-13.402142	**0.3956**	ng/L
Zn-Precon	68	151	153			2.584096	**-0.7754**	ng/L
Cd-Precon	111	4	0			-3.823277	**-0.0406**	ng/L
Cd-Precon	114	12	2			-9.903753	**-0.5280**	ng/L
Pb-Precon	208	1281	120			-1161.237389	**-1.1544**	ng/L
Tb-Precon	159	12	14			2.323831		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-03
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 11:45:43
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 237

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-03.252
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4987			4671.524574	**1095.0048**	ng/L
Fe-Precon	54	133	1250618			1250484.393314	**2281648.3627**	ng/L
Fe-Precon	56	2555	24826754			24824199.175247	**2317388.8516**	ng/L
Fe-Precon	57	80	605835			605755.701756	**2267644.9127**	ng/L
Co-Precon	59	33	1911			1877.592792	**136.0329**	ng/L
Ni-Precon	60	27	1145			1118.267737	**475.2308**	ng/L
Cu-Precon	63	311	1731			1420.287640	**252.0492**	ng/L
Cu-Precon	65	146	817			670.320573	**255.7794**	ng/L
Zn-Precon	66	221	2004			1782.114653	**997.3571**	ng/L
Zn-Precon	68	151	1341			1190.010403	**991.3148**	ng/L
Cd-Precon	111	4	-17			-21.323399	**-9.1898**	ng/L
Cd-Precon	114	12	-28			-39.970907	**-11.1377**	ng/L
Pb-Precon	208	1281	804			-476.380918	**10.9004**	ng/L
Tb-Precon	159	12	277			265.063238		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 11:56:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.253
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	321			6.216648	**1.1946**	ng/L
Fe-Precon	54	133	12607			12473.551270	**2266.7658**	ng/L
Fe-Precon	56	2555	248005			245450.058088	**2283.2938**	ng/L
Fe-Precon	57	80	6545			6465.503351	**2404.2537**	ng/L
Co-Precon	59	33	60			26.895611	**0.5117**	ng/L
Ni-Precon	60	27	21			-5.987886	**-1.7333**	ng/L
Cu-Precon	63	311	202			-108.319131	**-2.3357**	ng/L
Cu-Precon	65	146	99			-47.174594	**-1.8797**	ng/L
Zn-Precon	66	221	235			13.268249	**1.8712**	ng/L
Zn-Precon	68	151	168			16.960320	**0.4342**	ng/L
Cd-Precon	111	4	-1			-5.075515	**-0.1034**	ng/L
Cd-Precon	114	12	1			-10.467050	**-0.5390**	ng/L
Pb-Precon	208	1281	94			-1187.101654	**-1.2391**	ng/L
Tb-Precon	159	12	7			-4.685719		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-05
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 12:06:45
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 238

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-05.254
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4349			4034.000843	**947.0026**	ng/L
Fe-Precon	54	133	6582765			6582631.863278	**12011141.7086**	ng/L
Fe-Precon	56	2555	131771611			131769055.657758	**12301255.4706**	ng/L
Fe-Precon	57	80	3380546			3380465.911162	**12655511.1496**	ng/L
Co-Precon	59	33	2850			2816.640641	**202.4597**	ng/L
Ni-Precon	60	27	1672			1645.323902	**706.1471**	ng/L
Cu-Precon	63	311	2669			2358.344393	**421.0572**	ng/L
Cu-Precon	65	146	1264			1117.669121	**426.9741**	ng/L
Zn-Precon	66	221	13114			12892.754813	**7144.5153**	ng/L
Zn-Precon	68	151	8770			8618.800875	**7241.7000**	ng/L
Cd-Precon	111	4	25			20.902380	**12.0050**	ng/L
Cd-Precon	114	12	80			68.053675	**9.9070**	ng/L
Pb-Precon	208	1281	1221			-59.421753	**24.5649**	ng/L
Tb-Precon	159	12	263			251.160100		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 12:17:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.255
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	251			-63.871562	**-0.4325**	ng/L
Fe-Precon	54	133	35004			34870.658735	**6353.5340**	ng/L
Fe-Precon	56	2555	744449			741894.429433	**6917.8640**	ng/L
Fe-Precon	57	80	17770			17690.402841	**6606.5936**	ng/L
Co-Precon	59	33	70			37.101875	**0.5839**	ng/L
Ni-Precon	60	27	22			-4.803461	**-1.6814**	ng/L
Cu-Precon	63	311	186			-124.908486	**-2.6346**	ng/L
Cu-Precon	65	146	84			-61.890107	**-2.4429**	ng/L
Zn-Precon	66	221	268			46.262238	**3.6966**	ng/L
Zn-Precon	68	151	182			31.150018	**1.6281**	ng/L
Cd-Precon	111	4	1			-3.532542	**-0.0260**	ng/L
Cd-Precon	114	12	1			-10.272914	**-0.5352**	ng/L
Pb-Precon	208	1281	97			-1183.894583	**-1.2286**	ng/L
Tb-Precon	159	12	3			-9.191357		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-06
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 12:27:47
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 239

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-06.256
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4262			3946.876638	**926.7766**	ng/L
Fe-Precon	54	133	18017663			18017529.745641	**32876236.5854**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	9318636			9318556.732030	**34886334.7292**	ng/L
Co-Precon	59	33	8948			8914.746977	**633.8310**	ng/L
Ni-Precon	60	27	965			938.346358	**396.4028**	ng/L
Cu-Precon	63	311	771			460.413339	**79.1104**	ng/L
Cu-Precon	65	146	364			217.734806	**82.5804**	ng/L
Zn-Precon	66	221	4409			4187.798364	**2328.3442**	ng/L
Zn-Precon	68	151	2964			2812.911370	**2356.7802**	ng/L
Cd-Precon	111	4	4			-0.533670	**1.2454**	ng/L
Cd-Precon	114	12	3			-9.122749	**-5.1281**	ng/L
Pb-Precon	208	1281	460			-820.759616	**-0.3856**	ng/L
Tb-Precon	159	12	528			516.175323		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 12:38:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.257
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	212			-103.192845	**-1.3454**	ng/L
Fe-Precon	54	133	82890			82756.367930	**15091.1710**	ng/L
Fe-Precon	56	2555	1826667			1824111.908216	**17020.9351**	ng/L
Fe-Precon	57	80	42524			42444.114757	**15873.8045**	ng/L
Co-Precon	59	33	77			43.609373	**0.6300**	ng/L
Ni-Precon	60	27	23			-4.190477	**-1.6546**	ng/L
Cu-Precon	63	311	188			-122.262746	**-2.5869**	ng/L
Cu-Precon	65	146	79			-67.102423	**-2.6423**	ng/L
Zn-Precon	66	221	245			23.506951	**2.4376**	ng/L
Zn-Precon	68	151	183			32.576668	**1.7481**	ng/L
Cd-Precon	111	4	2			-2.581052	**0.0218**	ng/L
Cd-Precon	114	12	5			-6.799518	**-0.4675**	ng/L
Pb-Precon	208	1281	101			-1179.762800	**-1.2151**	ng/L
Tb-Precon	159	12	2			-9.537677		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-07
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 12:48:48
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 240

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-07.258
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4394			4078.430414	**957.3170**	ng/L
Fe-Precon	54	133	18877174			18877040.469317	**34444573.5292**	ng/L
Fe-Precon	56	2555	S		S	S	**S**	ng/L
Fe-Precon	57	80	9722426			9722345.945189	**36398027.1286**	ng/L
Co-Precon	59	33	8590			8556.949890	**608.5209**	ng/L
Ni-Precon	60	27	1195			1168.407618	**497.1983**	ng/L
Cu-Precon	63	311	545			233.919562	**38.3035**	ng/L
Cu-Precon	65	146	262			116.135072	**43.6994**	ng/L
Zn-Precon	66	221	10260			10039.029552	**5565.6413**	ng/L
Zn-Precon	68	151	6831			6680.323865	**5610.7174**	ng/L
Cd-Precon	111	4	2			-2.423457	**0.2969**	ng/L
Cd-Precon	114	12	6			-6.202041	**-4.5591**	ng/L
Pb-Precon	208	1281	479			-802.120543	**0.2252**	ng/L
Tb-Precon	159	12	568			556.455579		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 12:59:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.259
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	193			-122.145367	**-1.7853**	ng/L
Fe-Precon	54	133	95339			95206.046899	**17362.8461**	ng/L
Fe-Precon	56	2555	2103927			2101372.020218	**19609.3046**	ng/L
Fe-Precon	57	80	48782			48702.850445	**18216.9288**	ng/L
Co-Precon	59	33	67			33.981470	**0.5618**	ng/L
Ni-Precon	60	27	25			-2.001704	**-1.5587**	ng/L
Cu-Precon	63	311	184			-126.391008	**-2.6613**	ng/L
Cu-Precon	65	146	91			-55.438146	**-2.1960**	ng/L
Zn-Precon	66	221	250			28.237765	**2.6994**	ng/L
Zn-Precon	68	151	182			30.858980	**1.6036**	ng/L
Cd-Precon	111	4	2			-1.739348	**0.0640**	ng/L
Cd-Precon	114	12	3			-8.455524	**-0.4998**	ng/L
Pb-Precon	208	1281	80			-1200.975524	**-1.2846**	ng/L
Tb-Precon	159	12	3			-9.115167		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-09
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 13:09:49
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 241

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-09.260
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5189			4873.544902	**1141.9041**	ng/L
Fe-Precon	54	133	48846			48712.509136	**88792.3668**	ng/L
Fe-Precon	56	2555	1054084			1051529.217712	**98084.6809**	ng/L
Fe-Precon	57	80	25051			24971.519509	**93324.7343**	ng/L
Co-Precon	59	33	2979			2945.426248	**211.5698**	ng/L
Ni-Precon	60	27	1719			1691.509800	**726.3823**	ng/L
Cu-Precon	63	311	10152			9841.006367	**1769.1945**	ng/L
Cu-Precon	65	146	4716			4569.778157	**1748.0536**	ng/L
Zn-Precon	66	221	17885			17663.901298	**9784.2365**	ng/L
Zn-Precon	68	151	12026			11875.706011	**9981.9726**	ng/L
Cd-Precon	111	4	45			40.327948	**21.7555**	ng/L
Cd-Precon	114	12	147			135.144568	**22.9772**	ng/L
Pb-Precon	208	1281	31115			29834.105777	**1004.2335**	ng/L
Tb-Precon	159	12	496			484.752406		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 13:20:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.261
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	121			-194.114810	**-3.4561**	ng/L
Fe-Precon	54	133	10325			10191.748334	**1850.4085**	ng/L
Fe-Precon	56	2555	202329			199774.197423	**1856.8856**	ng/L
Fe-Precon	57	80	5329			5249.697170	**1949.0843**	ng/L
Co-Precon	59	33	59			25.468753	**0.5016**	ng/L
Ni-Precon	60	27	23			-4.020749	**-1.6471**	ng/L
Cu-Precon	63	311	222			-88.666902	**-1.9816**	ng/L
Cu-Precon	65	146	107			-39.496304	**-1.5859**	ng/L
Zn-Precon	66	221	297			75.941829	**5.3387**	ng/L
Zn-Precon	68	151	198			47.725869	**3.0227**	ng/L
Cd-Precon	111	4	2			-2.635702	**0.0190**	ng/L
Cd-Precon	114	12	-0			-11.789793	**-0.5648**	ng/L
Pb-Precon	208	1281	131			-1150.251806	**-1.1184**	ng/L
Tb-Precon	159	12	9			-2.448477		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-DUP2
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 13:30:50
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 242

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-DUP2.262
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4741			4425.966073	**1037.9980**	ng/L
Fe-Precon	54	133	26955			26821.561656	**48848.2675**	ng/L
Fe-Precon	56	2555	571957			569401.643998	**53075.5281**	ng/L
Fe-Precon	57	80	13890			13810.395503	**51540.0957**	ng/L
Co-Precon	59	33	2739			2705.754984	**194.6158**	ng/L
Ni-Precon	60	27	1425			1397.718409	**597.6650**	ng/L
Cu-Precon	63	311	9309			8998.104257	**1617.3304**	ng/L
Cu-Precon	65	146	4345			4199.149638	**1606.2186**	ng/L
Zn-Precon	66	221	2612			2390.792466	**1334.1189**	ng/L
Zn-Precon	68	151	1757			1605.939986	**1341.2668**	ng/L
Cd-Precon	111	4	32			27.586475	**15.3601**	ng/L
Cd-Precon	114	12	132			120.250583	**20.0756**	ng/L
Pb-Precon	208	1281	28361			27080.705980	**913.9993**	ng/L
Tb-Precon	159	12	454			442.058825		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 13:41:20
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.263
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	92			-222.611397	**-4.1177**	ng/L
Fe-Precon	54	133	4765			4631.315932	**835.8043**	ng/L
Fe-Precon	56	2555	93310			90755.040484	**839.1342**	ng/L
Fe-Precon	57	80	2399			2319.519439	**852.0943**	ng/L
Co-Precon	59	33	63			29.773609	**0.5321**	ng/L
Ni-Precon	60	27	25			-2.493479	**-1.5802**	ng/L
Cu-Precon	63	311	201			-109.866879	**-2.3636**	ng/L
Cu-Precon	65	146	88			-57.924628	**-2.2911**	ng/L
Zn-Precon	66	221	273			51.346648	**3.9779**	ng/L
Zn-Precon	68	151	197			46.239984	**2.8977**	ng/L
Cd-Precon	111	4	-0			-4.538151	**-0.0765**	ng/L
Cd-Precon	114	12	2			-9.856288	**-0.5271**	ng/L
Pb-Precon	208	1281	93			-1188.268580	**-1.2430**	ng/L
Tb-Precon	159	12	8			-3.369698		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MS2

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 13:51:51
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 243

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MS2.264
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	151452			151137.208083	**35097.2495**	ng/L
Fe-Precon	54	133	78919			78785.341767	**143665.8351**	ng/L
Fe-Precon	56	2555	1681347			1678791.802116	**156642.9527**	ng/L
Fe-Precon	57	80	40088			40008.474372	**149619.5773**	ng/L
Co-Precon	59	33	389073			389040.017631	**27523.3431**	ng/L
Ni-Precon	60	27	44522			44494.590570	**19479.4683**	ng/L
Cu-Precon	63	311	171691			171380.470044	**30873.4608**	ng/L
Cu-Precon	65	146	81476			81329.958104	**31123.2256**	ng/L
Zn-Precon	66	221	323628			323406.843763	**178941.9284**	ng/L
Zn-Precon	68	151	218099			217948.417391	**183366.0267**	ng/L
Cd-Precon	111	4	64466			64462.000359	**32357.5730**	ng/L
Cd-Precon	114	12	162997			162985.475277	**31748.4298**	ng/L
Pb-Precon	208	1281	1042976			1041694.962774	**34164.8667**	ng/L
Tb-Precon	159	12	474			462.410768		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 14:02:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.265
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	352			36.432117	**1.8961**	ng/L
Fe-Precon	54	133	3498			3364.786442	**604.7025**	ng/L
Fe-Precon	56	2555	69125			66569.601403	**613.3504**	ng/L
Fe-Precon	57	80	1786			1706.245445	**622.4988**	ng/L
Co-Precon	59	33	92			58.228018	**0.7334**	ng/L
Ni-Precon	60	27	78			51.086868	**0.7673**	ng/L
Cu-Precon	63	311	389			77.975830	**1.0207**	ng/L
Cu-Precon	65	146	178			31.472890	**1.1300**	ng/L
Zn-Precon	66	221	245			23.536715	**2.4393**	ng/L
Zn-Precon	68	151	187			36.397777	**2.0696**	ng/L
Cd-Precon	111	4	3			-1.451375	**0.0785**	ng/L
Cd-Precon	114	12	11			-0.338303	**-0.3417**	ng/L
Pb-Precon	208	1281	156			-1124.504211	**-1.0340**	ng/L
Tb-Precon	159	12	7			-4.318622		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MSD2

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 14:12:51
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 244

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MSD2.266
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	141323			141008.166222	**32745.7761**	ng/L
Fe-Precon	54	133	71570			71437.020788	**130257.4587**	ng/L
Fe-Precon	56	2555	1529446			1526890.576621	**142462.1719**	ng/L
Fe-Precon	57	80	36465			36385.285620	**136055.2058**	ng/L
Co-Precon	59	33	392102			392068.547061	**27737.5769**	ng/L
Ni-Precon	60	27	43431			43403.922386	**19001.6196**	ng/L
Cu-Precon	63	311	163049			162738.335497	**29316.4234**	ng/L
Cu-Precon	65	146	77188			77041.985244	**29482.2713**	ng/L
Zn-Precon	66	221	337386			337164.435279	**186553.5593**	ng/L
Zn-Precon	68	151	219477			219326.696136	**184525.6735**	ng/L
Cd-Precon	111	4	64595			64591.043411	**32422.3449**	ng/L
Cd-Precon	114	12	162484			162471.984979	**31648.3950**	ng/L
Pb-Precon	208	1281	1041788			1040507.501072	**34125.9513**	ng/L
Tb-Precon	159	12	392			380.181070		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 14:23:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.267
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	447			132.257809	**4.1207**	ng/L
Fe-Precon	54	133	2928			2794.469744	**500.6376**	ng/L
Fe-Precon	56	2555	56537			53982.161426	**495.8400**	ng/L
Fe-Precon	57	80	1528			1448.554156	**526.0252**	ng/L
Co-Precon	59	33	85			51.858845	**0.6883**	ng/L
Ni-Precon	60	27	106			78.564344	**1.9711**	ng/L
Cu-Precon	63	311	578			267.639180	**4.4379**	ng/L
Cu-Precon	65	146	274			127.905763	**4.8204**	ng/L
Zn-Precon	66	221	323			101.937914	**6.7770**	ng/L
Zn-Precon	68	151	230			79.211903	**5.6719**	ng/L
Cd-Precon	111	4	3			-1.431793	**0.0795**	ng/L
Cd-Precon	114	12	11			-1.074589	**-0.3560**	ng/L
Pb-Precon	208	1281	223			-1058.246702	**-0.8169**	ng/L
Tb-Precon	159	12	15			2.974928		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVC

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 14:33:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCVC.268
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	25126			24810.827536	**577.0376**	ng/L
Fe-Precon	54	133	8861			8728.103736	**1583.3393**	ng/L
Fe-Precon	56	2555	171572			169017.307246	**1569.7538**	ng/L
Fe-Precon	57	80	4517			4437.264878	**1644.9286**	ng/L
Co-Precon	59	33	64422			64388.841326	**455.7988**	ng/L
Ni-Precon	60	27	6568			6540.575524	**285.0878**	ng/L
Cu-Precon	63	311	27083			26771.801748	**481.9585**	ng/L
Cu-Precon	65	146	12837			12690.498348	**485.5753**	ng/L
Zn-Precon	66	221	54884			54662.594728	**3025.4418**	ng/L
Zn-Precon	68	151	36636			36485.211570	**3068.7751**	ng/L
Cd-Precon	111	4	10976			10971.955197	**550.8777**	ng/L
Cd-Precon	114	12	27810			27798.001170	**541.2077**	ng/L
Pb-Precon	208	1281	147075			145793.925658	**480.4461**	ng/L
Tb-Precon	159	12	8			-3.660611		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 14:44:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.269
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	227			-88.250238	**-0.9985**	ng/L
Fe-Precon	54	133	1614			1480.701766	**260.9162**	ng/L
Fe-Precon	56	2555	32283			29728.339258	**269.4178**	ng/L
Fe-Precon	57	80	840			760.084962	**268.2784**	ng/L
Co-Precon	59	33	58			24.738024	**0.4965**	ng/L
Ni-Precon	60	27	47			19.505051	**-0.6164**	ng/L
Cu-Precon	63	311	311			0.126661	**-0.3819**	ng/L
Cu-Precon	65	146	139			-7.165370	**-0.3486**	ng/L
Zn-Precon	66	221	289			67.632938	**4.8790**	ng/L
Zn-Precon	68	151	212			60.801137	**4.1228**	ng/L
Cd-Precon	111	4	1			-2.769481	**0.0123**	ng/L
Cd-Precon	114	12	7			-4.405759	**-0.4209**	ng/L
Pb-Precon	208	1281	151			-1129.290763	**-1.0497**	ng/L
Tb-Precon	159	12	1			-10.445037		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBC

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 14:54:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCBC.270
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	187			-128.308950	**-1.9284**	ng/L
Fe-Precon	54	133	1594			1460.346396	**257.2020**	ng/L
Fe-Precon	56	2555	31827			29271.888108	**265.1565**	ng/L
Fe-Precon	57	80	858			778.467378	**275.1604**	ng/L
Co-Precon	59	33	146			112.626884	**1.1182**	ng/L
Ni-Precon	60	27	30			3.078905	**-1.3361**	ng/L
Cu-Precon	63	311	277			-34.069680	**-0.9980**	ng/L
Cu-Precon	65	146	124			-22.449427	**-0.9335**	ng/L
Zn-Precon	66	221	1249			1027.095451	**57.9629**	ng/L
Zn-Precon	68	151	891			740.447236	**61.3064**	ng/L
Cd-Precon	111	4	4			0.157106	**0.1592**	ng/L
Cd-Precon	114	12	10			-1.741237	**-0.3690**	ng/L
Pb-Precon	208	1281	542			-738.498272	**0.2310**	ng/L
Tb-Precon	159	12	6			-5.496113		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 15:05:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.271
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	60			-255.211370	**-4.8745**	ng/L
Fe-Precon	54	133	1138			1004.509947	**174.0262**	ng/L
Fe-Precon	56	2555	22586			20031.056512	**178.8885**	ng/L
Fe-Precon	57	80	617			537.685227	**185.0172**	ng/L
Co-Precon	59	33	59			25.936381	**0.5049**	ng/L
Ni-Precon	60	27	23			-3.670961	**-1.6318**	ng/L
Cu-Precon	63	311	169			-141.220035	**-2.9285**	ng/L
Cu-Precon	65	146	79			-67.600922	**-2.6614**	ng/L
Zn-Precon	66	221	252			30.270032	**2.8118**	ng/L
Zn-Precon	68	151	194			43.182863	**2.6405**	ng/L
Cd-Precon	111	4	2			-2.344509	**0.0336**	ng/L
Cd-Precon	114	12	3			-8.754352	**-0.5056**	ng/L
Pb-Precon	208	1281	67			-1213.966104	**-1.3272**	ng/L
Tb-Precon	159	12	1			-11.175773		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-10
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 15:15:58
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 245

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-10.272
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4859			4544.323972	**1065.4749**	ng/L
Fe-Precon	54	133	6928			6794.480179	**12305.1380**	ng/L
Fe-Precon	56	2555	136759			134203.875688	**12447.5202**	ng/L
Fe-Precon	57	80	3612			3532.090947	**13060.5267**	ng/L
Co-Precon	59	33	2550			2516.411588	**181.2220**	ng/L
Ni-Precon	60	27	1364			1337.031483	**571.0766**	ng/L
Cu-Precon	63	311	9387			9075.807544	**1631.3301**	ng/L
Cu-Precon	65	146	4442			4295.827045	**1643.2159**	ng/L
Zn-Precon	66	221	1687			1465.093845	**821.9597**	ng/L
Zn-Precon	68	151	1130			979.359137	**814.0785**	ng/L
Cd-Precon	111	4	35			30.651083	**16.8983**	ng/L
Cd-Precon	114	12	165			153.699095	**26.5918**	ng/L
Pb-Precon	208	1281	28247			26965.939877	**910.2382**	ng/L
Tb-Precon	159	12	404			392.571484		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 15:26:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.273
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	64			-250.882520	**-4.7740**	ng/L
Fe-Precon	54	133	1079			946.090570	**163.3665**	ng/L
Fe-Precon	56	2555	21232			18676.741217	**166.2453**	ng/L
Fe-Precon	57	80	574			494.656998	**168.9084**	ng/L
Co-Precon	59	33	49			16.117937	**0.4355**	ng/L
Ni-Precon	60	27	27			-0.072662	**-1.4742**	ng/L
Cu-Precon	63	311	225			-85.830124	**-1.9305**	ng/L
Cu-Precon	65	146	115			-31.108147	**-1.2649**	ng/L
Zn-Precon	66	221	310			88.126402	**6.0128**	ng/L
Zn-Precon	68	151	219			68.091135	**4.7362**	ng/L
Cd-Precon	111	4	-0			-4.679365	**-0.0835**	ng/L
Cd-Precon	114	12	2			-10.016114	**-0.5302**	ng/L
Pb-Precon	208	1281	82			-1198.294859	**-1.2758**	ng/L
Tb-Precon	159	12	14			1.818205		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-11
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 15:36:58
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 246

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-11.274
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5444			5129.394060	**1201.2999**	ng/L
Fe-Precon	54	133	6125			5991.688475	**10840.2954**	ng/L
Fe-Precon	56	2555	123900			121344.784579	**11247.0562**	ng/L
Fe-Precon	57	80	5476			5396.438968	**20040.2098**	ng/L
Co-Precon	59	33	2059			2025.449424	**146.4920**	ng/L
Ni-Precon	60	27	2535			2507.683843	**1083.9683**	ng/L
Cu-Precon	63	311	8837			8526.244146	**1532.3163**	ng/L
Cu-Precon	65	146	4117			3970.435832	**1518.6927**	ng/L
Zn-Precon	66	221	4484			4262.105559	**2369.4559**	ng/L
Zn-Precon	68	151	3037			2886.460744	**2418.6627**	ng/L
Cd-Precon	111	4	21			16.452439	**9.7714**	ng/L
Cd-Precon	114	12	70			58.322037	**8.0111**	ng/L
Pb-Precon	208	1281	13383			12102.203035	**423.1248**	ng/L
Tb-Precon	159	12	246			234.681037		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 15:47:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.275
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	59			-256.285212	**-4.8994**	ng/L
Fe-Precon	54	133	911			777.375220	**132.5812**	ng/L
Fe-Precon	56	2555	17888			15332.924946	**135.0290**	ng/L
Fe-Precon	57	80	484			404.760323	**135.2532**	ng/L
Co-Precon	59	33	49			15.560367	**0.4315**	ng/L
Ni-Precon	60	27	30			2.677147	**-1.3537**	ng/L
Cu-Precon	63	311	229			-81.351489	**-1.8498**	ng/L
Cu-Precon	65	146	96			-49.997123	**-1.9877**	ng/L
Zn-Precon	66	221	314			92.947887	**6.2796**	ng/L
Zn-Precon	68	151	239			88.671031	**6.4677**	ng/L
Cd-Precon	111	4	0			-4.174440	**-0.0582**	ng/L
Cd-Precon	114	12	2			-9.644775	**-0.5230**	ng/L
Pb-Precon	208	1281	90			-1190.675650	**-1.2508**	ng/L
Tb-Precon	159	12	4			-7.802610		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-12
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 15:57:56
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 247

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-12.276
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4586			4270.838352	**1001.9848**	ng/L
Fe-Precon	54	133	8462			8328.447056	**15104.1454**	ng/L
Fe-Precon	56	2555	165419			162864.035832	**15123.0974**	ng/L
Fe-Precon	57	80	4373			4293.560571	**15911.2910**	ng/L
Co-Precon	59	33	2502			2468.731591	**177.8492**	ng/L
Ni-Precon	60	27	1312			1285.036963	**548.2965**	ng/L
Cu-Precon	63	311	9514			9203.619652	**1654.3577**	ng/L
Cu-Precon	65	146	4476			4329.335802	**1656.0393**	ng/L
Zn-Precon	66	221	2503			2281.147609	**1273.4559**	ng/L
Zn-Precon	68	151	1673			1522.724484	**1271.2515**	ng/L
Cd-Precon	111	4	64			59.419185	**31.3382**	ng/L
Cd-Precon	114	12	159			147.303783	**25.3459**	ng/L
Pb-Precon	208	1281	32126			30845.439854	**1037.3769**	ng/L
Tb-Precon	159	12	416			404.460071		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 16:08:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.277
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	52			-262.879305	**-5.0525**	ng/L
Fe-Precon	54	133	842			708.436678	**120.0021**	ng/L
Fe-Precon	56	2555	16264			13709.405977	**119.8726**	ng/L
Fe-Precon	57	80	463			383.096895	**127.1429**	ng/L
Co-Precon	59	33	45			11.743845	**0.4045**	ng/L
Ni-Precon	60	27	29			2.150717	**-1.3768**	ng/L
Cu-Precon	63	311	237			-73.513665	**-1.7086**	ng/L
Cu-Precon	65	146	105			-41.619255	**-1.6671**	ng/L
Zn-Precon	66	221	329			107.911015	**7.1074**	ng/L
Zn-Precon	68	151	225			74.671624	**5.2899**	ng/L
Cd-Precon	111	4	-1			-5.292129	**-0.1143**	ng/L
Cd-Precon	114	12	3			-8.367553	**-0.4981**	ng/L
Pb-Precon	208	1281	91			-1189.612326	**-1.2474**	ng/L
Tb-Precon	159	12	12			-0.017301		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-13
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 16:18:55
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 248

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-13.278
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4360			4044.904421	**949.5339**	ng/L
Fe-Precon	54	133	3494			3360.486739	**6039.1792**	ng/L
Fe-Precon	56	2555	68761			66205.987102	**6099.5585**	ng/L
Fe-Precon	57	80	1840			1760.016373	**6426.2939**	ng/L
Co-Precon	59	33	2386			2352.472442	**169.6252**	ng/L
Ni-Precon	60	27	1224			1196.456587	**509.4873**	ng/L
Cu-Precon	63	311	8686			8375.532812	**1505.1629**	ng/L
Cu-Precon	65	146	4119			3972.252857	**1519.3880**	ng/L
Zn-Precon	66	221	1371			1149.132779	**647.1487**	ng/L
Zn-Precon	68	151	928			777.523678	**644.2596**	ng/L
Cd-Precon	111	4	54			49.565312	**26.3921**	ng/L
Cd-Precon	114	12	167			155.562325	**26.9548**	ng/L
Pb-Precon	208	1281	27932			26650.958098	**899.9156**	ng/L
Tb-Precon	159	12	330			318.123544		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 16:29:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.279
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	47			-268.264715	**-5.1775**	ng/L
Fe-Precon	54	133	648			514.350028	**84.5874**	ng/L
Fe-Precon	56	2555	12757			10202.130628	**87.1303**	ng/L
Fe-Precon	57	80	359			279.399463	**88.3210**	ng/L
Co-Precon	59	33	49			16.003654	**0.4347**	ng/L
Ni-Precon	60	27	28			1.354172	**-1.4117**	ng/L
Cu-Precon	63	311	246			-64.750373	**-1.5507**	ng/L
Cu-Precon	65	146	113			-33.424806	**-1.3535**	ng/L
Zn-Precon	66	221	346			124.661203	**8.0342**	ng/L
Zn-Precon	68	151	229			77.893117	**5.5609**	ng/L
Cd-Precon	111	4	1			-3.204429	**-0.0095**	ng/L
Cd-Precon	114	12	-0			-11.927969	**-0.5675**	ng/L
Pb-Precon	208	1281	84			-1197.176275	**-1.2721**	ng/L
Tb-Precon	159	12	12			0.096973		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-14
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 16:39:57
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 249

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-14.280
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5018			4703.384529	**1102.4011**	ng/L
Fe-Precon	54	133	318881			318747.431431	**581521.2335**	ng/L
Fe-Precon	56	2555	6776198			6773642.850442	**632274.1797**	ng/L
Fe-Precon	57	80	163302			163222.659135	**610904.6749**	ng/L
Co-Precon	59	33	14544			14510.740342	**1029.6834**	ng/L
Ni-Precon	60	27	2931			2903.536412	**1257.4011**	ng/L
Cu-Precon	63	311	1785			1473.938155	**261.7153**	ng/L
Cu-Precon	65	146	682			535.365166	**204.1336**	ng/L
Zn-Precon	66	221	20360			20138.195960	**11153.1838**	ng/L
Zn-Precon	68	151	13739			13588.140632	**11422.7692**	ng/L
Cd-Precon	111	4	305			300.785591	**152.4896**	ng/L
Cd-Precon	114	12	809			797.093131	**151.9337**	ng/L
Pb-Precon	208	1281	144964			143683.285563	**4735.2909**	ng/L
Tb-Precon	159	12	911			899.750492		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 16:50:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.281
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	38			-277.373126	**-5.3890**	ng/L
Fe-Precon	54	133	1129			995.862882	**172.4484**	ng/L
Fe-Precon	56	2555	21995			19439.796520	**173.3688**	ng/L
Fe-Precon	57	80	592			512.820774	**175.7085**	ng/L
Co-Precon	59	33	47			13.648613	**0.4180**	ng/L
Ni-Precon	60	27	32			4.855513	**-1.2583**	ng/L
Cu-Precon	63	311	228			-82.709753	**-1.8743**	ng/L
Cu-Precon	65	146	96			-50.180735	**-1.9948**	ng/L
Zn-Precon	66	221	344			122.131933	**7.8942**	ng/L
Zn-Precon	68	151	257			106.618262	**7.9778**	ng/L
Cd-Precon	111	4	1			-3.271992	**-0.0129**	ng/L
Cd-Precon	114	12	5			-6.329651	**-0.4584**	ng/L
Pb-Precon	208	1281	101			-1179.835414	**-1.2153**	ng/L
Tb-Precon	159	12	6			-5.922088		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-15

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 17:00:59
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 250

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-15.282
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4778			4462.856816	**1046.5622**	ng/L
Fe-Precon	54	133	3945			3811.555708	**6862.2383**	ng/L
Fe-Precon	56	2555	77159			74604.340616	**6883.5891**	ng/L
Fe-Precon	57	80	2100			2020.347936	**7400.9144**	ng/L
Co-Precon	59	33	2676			2642.832730	**190.1648**	ng/L
Ni-Precon	60	27	1295			1267.754211	**540.7245**	ng/L
Cu-Precon	63	311	8729			8417.890227	**1512.7943**	ng/L
Cu-Precon	65	146	4020			3873.970003	**1481.7764**	ng/L
Zn-Precon	66	221	2310			2088.474899	**1166.8563**	ng/L
Zn-Precon	68	151	1520			1369.301680	**1142.1657**	ng/L
Cd-Precon	111	4	48			43.496858	**23.3461**	ng/L
Cd-Precon	114	12	147			134.866901	**22.9231**	ng/L
Pb-Precon	208	1281	28108			26827.192683	**905.6912**	ng/L
Tb-Precon	159	12	384			372.385652		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 17:11:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.283
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	38			-276.652721	**-5.3723**	ng/L
Fe-Precon	54	133	529			395.428042	**62.8879**	ng/L
Fe-Precon	56	2555	10680			8125.008643	**67.7393**	ng/L
Fe-Precon	57	80	314			234.677117	**71.5780**	ng/L
Co-Precon	59	33	38			5.059876	**0.3573**	ng/L
Ni-Precon	60	27	25			-2.192178	**-1.5670**	ng/L
Cu-Precon	63	311	251			-59.610330	**-1.4581**	ng/L
Cu-Precon	65	146	111			-35.582627	**-1.4361**	ng/L
Zn-Precon	66	221	370			148.256475	**9.3396**	ng/L
Zn-Precon	68	151	256			104.887403	**7.8321**	ng/L
Cd-Precon	111	4	-3			-6.782472	**-0.1891**	ng/L
Cd-Precon	114	12	-1			-12.475121	**-0.5781**	ng/L
Pb-Precon	208	1281	97			-1183.447724	**-1.2272**	ng/L
Tb-Precon	159	12	20			7.851153		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-16

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 17:22:01
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 251

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-16.284
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4273			3958.234289	**929.4133**	ng/L
Fe-Precon	54	133	194124			193990.563095	**353879.1573**	ng/L
Fe-Precon	56	2555	4056352			4053797.344481	**378362.2512**	ng/L
Fe-Precon	57	80	98344			98263.927585	**367714.3728**	ng/L
Co-Precon	59	33	7309			7275.528793	**517.8750**	ng/L
Ni-Precon	60	27	2353			2325.780271	**1004.2719**	ng/L
Cu-Precon	63	311	1206			894.881099	**157.3877**	ng/L
Cu-Precon	65	146	482			335.592434	**127.6831**	ng/L
Zn-Precon	66	221	16354			16132.349795	**8936.8786**	ng/L
Zn-Precon	68	151	11038			10886.969691	**9150.0764**	ng/L
Cd-Precon	111	4	340			335.320499	**169.8241**	ng/L
Cd-Precon	114	12	824			812.226167	**154.8818**	ng/L
Pb-Precon	208	1281	126536			125255.552542	**4131.3785**	ng/L
Tb-Precon	159	12	633			621.516514		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 17:32:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.285
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	34			-281.477070	**-5.4843**	ng/L
Fe-Precon	54	133	989			855.190610	**146.7801**	ng/L
Fe-Precon	56	2555	19544			16988.754122	**150.4870**	ng/L
Fe-Precon	57	80	527			447.376709	**151.2078**	ng/L
Co-Precon	59	33	35			1.710842	**0.3336**	ng/L
Ni-Precon	60	27	31			3.487524	**-1.3182**	ng/L
Cu-Precon	63	311	252			-58.527151	**-1.4386**	ng/L
Cu-Precon	65	146	108			-38.762011	**-1.5578**	ng/L
Zn-Precon	66	221	358			136.139432	**8.6692**	ng/L
Zn-Precon	68	151	269			118.176040	**8.9502**	ng/L
Cd-Precon	111	4	0			-3.812641	**-0.0400**	ng/L
Cd-Precon	114	12	4			-8.116919	**-0.4932**	ng/L
Pb-Precon	208	1281	124			-1156.652262	**-1.1393**	ng/L
Tb-Precon	159	12	11			-1.073593		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-17
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 17:43:02
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 252

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-17.286
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4515			4200.232049	**985.5934**	ng/L
Fe-Precon	54	133	3467			3333.337957	**5989.6412**	ng/L
Fe-Precon	56	2555	67381			64825.810781	**5970.7118**	ng/L
Fe-Precon	57	80	1814			1734.604449	**6331.1576**	ng/L
Co-Precon	59	33	2478			2444.798551	**176.1562**	ng/L
Ni-Precon	60	27	1216			1188.783657	**506.1256**	ng/L
Cu-Precon	63	311	9085			8774.078791	**1576.9682**	ng/L
Cu-Precon	65	146	4265			4118.417688	**1575.3235**	ng/L
Zn-Precon	66	221	1293			1071.085624	**603.9677**	ng/L
Zn-Precon	68	151	869			717.805490	**594.0143**	ng/L
Cd-Precon	111	4	44			39.827475	**21.5043**	ng/L
Cd-Precon	114	12	151			139.654256	**23.8557**	ng/L
Pb-Precon	208	1281	28570			27288.747941	**920.8172**	ng/L
Tb-Precon	159	12	338			326.388793		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 17:53:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.287
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	42			-273.310729	**-5.2947**	ng/L
Fe-Precon	54	133	454			321.009728	**49.3089**	ng/L
Fe-Precon	56	2555	8973			6417.826309	**51.8018**	ng/L
Fe-Precon	57	80	261			181.510310	**51.6736**	ng/L
Co-Precon	59	33	36			3.016475	**0.3428**	ng/L
Ni-Precon	60	27	30			3.293588	**-1.3267**	ng/L
Cu-Precon	63	311	252			-58.748720	**-1.4426**	ng/L
Cu-Precon	65	146	117			-29.449123	**-1.2014**	ng/L
Zn-Precon	66	221	360			138.261433	**8.7866**	ng/L
Zn-Precon	68	151	250			99.130393	**7.3478**	ng/L
Cd-Precon	111	4	2			-2.462901	**0.0277**	ng/L
Cd-Precon	114	12	1			-10.819876	**-0.5459**	ng/L
Pb-Precon	208	1281	87			-1193.681725	**-1.2607**	ng/L
Tb-Precon	159	12	13			1.271007		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-18

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 18:04:04
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 253

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-18.288
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4441			4126.045230	**968.3709**	ng/L
Fe-Precon	54	133	3270			3136.853876	**5631.1195**	ng/L
Fe-Precon	56	2555	63728			61173.183118	**5629.7197**	ng/L
Fe-Precon	57	80	1751			1671.830064	**6096.1450**	ng/L
Co-Precon	59	33	2280			2246.363155	**162.1191**	ng/L
Ni-Precon	60	27	1286			1259.146381	**536.9532**	ng/L
Cu-Precon	63	311	8206			7894.888872	**1418.5661**	ng/L
Cu-Precon	65	146	3848			3701.666572	**1415.8380**	ng/L
Zn-Precon	66	221	1440			1218.395644	**685.4696**	ng/L
Zn-Precon	68	151	1019			868.156648	**720.5157**	ng/L
Cd-Precon	111	4	50			46.055873	**24.6306**	ng/L
Cd-Precon	114	12	148			136.526037	**23.2463**	ng/L
Pb-Precon	208	1281	26548			25267.299792	**854.5705**	ng/L
Tb-Precon	159	12	349			337.493989		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 18:14:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.289
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	40			-274.619827	**-5.3251**	ng/L
Fe-Precon	54	133	425			291.899079	**43.9971**	ng/L
Fe-Precon	56	2555	8230			5675.260433	**44.8696**	ng/L
Fe-Precon	57	80	242			162.131513	**44.4187**	ng/L
Co-Precon	59	33	37			3.909982	**0.3491**	ng/L
Ni-Precon	60	27	32			4.571504	**-1.2707**	ng/L
Cu-Precon	63	311	264			-46.814100	**-1.2276**	ng/L
Cu-Precon	65	146	136			-10.501281	**-0.4763**	ng/L
Zn-Precon	66	221	345			123.252782	**7.9562**	ng/L
Zn-Precon	68	151	251			100.570952	**7.4690**	ng/L
Cd-Precon	111	4	1			-3.545986	**-0.0267**	ng/L
Cd-Precon	114	12	0			-11.228041	**-0.5538**	ng/L
Pb-Precon	208	1281	96			-1184.725723	**-1.2313**	ng/L
Tb-Precon	159	12	13			1.038976		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVD

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 18:25:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCVD.290
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	24805			24490.070242	**569.5912**	ng/L
Fe-Precon	54	133	6767			6633.996683	**1201.2306**	ng/L
Fe-Precon	56	2555	132897			130341.532693	**1208.6950**	ng/L
Fe-Precon	57	80	3462			3382.514921	**1250.0549**	ng/L
Co-Precon	59	33	62934			62900.992189	**445.2740**	ng/L
Ni-Precon	60	27	6319			6292.114260	**274.2021**	ng/L
Cu-Precon	63	311	26195			25884.508742	**465.9723**	ng/L
Cu-Precon	65	146	12344			12197.504182	**466.7090**	ng/L
Zn-Precon	66	221	53232			53010.972426	**2934.0629**	ng/L
Zn-Precon	68	151	34882			34731.483055	**2921.2211**	ng/L
Cd-Precon	111	4	10598			10594.169964	**531.9152**	ng/L
Cd-Precon	114	12	26826			26814.217208	**522.0422**	ng/L
Pb-Precon	208	1281	143055			141774.239340	**467.2728**	ng/L
Tb-Precon	159	12	8			-4.010392		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 18:35:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.291
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	189			-126.422960	**-1.8846**	ng/L
Fe-Precon	54	133	535			401.280877	**63.9558**	ng/L
Fe-Precon	56	2555	10276			7720.665697	**63.9645**	ng/L
Fe-Precon	57	80	283			203.804955	**60.0202**	ng/L
Co-Precon	59	33	35			1.832036	**0.3344**	ng/L
Ni-Precon	60	27	48			21.056578	**-0.5484**	ng/L
Cu-Precon	63	311	428			117.767841	**1.7377**	ng/L
Cu-Precon	65	146	190			43.718343	**1.5986**	ng/L
Zn-Precon	66	221	347			125.379767	**8.0739**	ng/L
Zn-Precon	68	151	261			110.195872	**8.2788**	ng/L
Cd-Precon	111	4	2			-2.573610	**0.0222**	ng/L
Cd-Precon	114	12	4			-7.728264	**-0.4856**	ng/L
Pb-Precon	208	1281	137			-1143.920479	**-1.0976**	ng/L
Tb-Precon	159	12	4			-7.393953		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBD

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 18:46:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCBD.292
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	130			-184.836266	**-3.2407**	ng/L
Fe-Precon	54	133	347			213.595388	**29.7091**	ng/L
Fe-Precon	56	2555	6727			4171.958291	**30.8355**	ng/L
Fe-Precon	57	80	197			117.727207	**27.7947**	ng/L
Co-Precon	59	33	102			68.472577	**0.8058**	ng/L
Ni-Precon	60	27	29			1.780166	**-1.3930**	ng/L
Cu-Precon	63	311	249			-62.179666	**-1.5044**	ng/L
Cu-Precon	65	146	115			-31.457546	**-1.2782**	ng/L
Zn-Precon	66	221	1319			1097.545417	**61.8607**	ng/L
Zn-Precon	68	151	921			770.540102	**63.8384**	ng/L
Cd-Precon	111	4	5			1.014947	**0.2023**	ng/L
Cd-Precon	114	12	10			-1.821081	**-0.3706**	ng/L
Pb-Precon	208	1281	489			-792.203416	**0.0550**	ng/L
Tb-Precon	159	12	3			-8.346334		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 18:56:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.293
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	40			-274.695990	**-5.3268**	ng/L
Fe-Precon	54	133	252			118.490773	**12.3555**	ng/L
Fe-Precon	56	2555	5044			2488.464148	**15.1192**	ng/L
Fe-Precon	57	80	145			65.533488	**8.2546**	ng/L
Co-Precon	59	33	39			5.288364	**0.3589**	ng/L
Ni-Precon	60	27	27			0.429500	**-1.4522**	ng/L
Cu-Precon	63	311	221			-89.632018	**-1.9990**	ng/L
Cu-Precon	65	146	92			-53.872393	**-2.1360**	ng/L
Zn-Precon	66	221	321			99.501612	**6.6422**	ng/L
Zn-Precon	68	151	244			93.430395	**6.8682**	ng/L
Cd-Precon	111	4	2			-2.169254	**0.0424**	ng/L
Cd-Precon	114	12	5			-6.852205	**-0.4686**	ng/L
Pb-Precon	208	1281	83			-1198.229005	**-1.2756**	ng/L
Tb-Precon	159	12	2			-9.541140		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-19
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 19:07:11
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 254

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-19.294
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4229			3913.767689	**919.0903**	ng/L
Fe-Precon	54	133	6337			6203.905559	**11227.5249**	ng/L
Fe-Precon	56	2555	123214			120659.158682	**11183.0494**	ng/L
Fe-Precon	57	80	3316			3235.970119	**11951.9196**	ng/L
Co-Precon	59	33	2261			2227.232089	**160.7658**	ng/L
Ni-Precon	60	27	1276			1248.910121	**532.4685**	ng/L
Cu-Precon	63	311	8715			8404.411723	**1510.3659**	ng/L
Cu-Precon	65	146	4106			3959.746906	**1514.6022**	ng/L
Zn-Precon	66	221	2026			1804.756628	**1009.8842**	ng/L
Zn-Precon	68	151	1344			1193.536163	**994.2813**	ng/L
Cd-Precon	111	4	39			35.233835	**19.1986**	ng/L
Cd-Precon	114	12	161			149.538959	**25.7814**	ng/L
Pb-Precon	208	1281	26338			25056.791723	**847.6717**	ng/L
Tb-Precon	159	12	351			339.179112		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 19:17:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.295
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	56			-259.571835	**-4.9757**	ng/L
Fe-Precon	54	133	416			282.839492	**42.3440**	ng/L
Fe-Precon	56	2555	7922			5366.830421	**41.9902**	ng/L
Fe-Precon	57	80	251			171.446270	**47.9059**	ng/L
Co-Precon	59	33	52			18.462597	**0.4521**	ng/L
Ni-Precon	60	27	30			3.144684	**-1.3332**	ng/L
Cu-Precon	63	311	249			-61.907006	**-1.4995**	ng/L
Cu-Precon	65	146	94			-51.856770	**-2.0589**	ng/L
Zn-Precon	66	221	325			103.069511	**6.8396**	ng/L
Zn-Precon	68	151	257			106.647265	**7.9802**	ng/L
Cd-Precon	111	4	-0			-4.609304	**-0.0800**	ng/L
Cd-Precon	114	12	3			-8.515170	**-0.5010**	ng/L
Pb-Precon	208	1281	70			-1210.942754	**-1.3173**	ng/L
Tb-Precon	159	12	14			2.122963		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-DUP3
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 19:28:12
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 255

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-DUP3.296
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4400			4084.921391	**958.8239**	ng/L
Fe-Precon	54	133	6834			6700.601472	**12133.8388**	ng/L
Fe-Precon	56	2555	133474			130919.322793	**12140.8898**	ng/L
Fe-Precon	57	80	3565			3484.991805	**12884.1986**	ng/L
Co-Precon	59	33	2341			2307.443113	**166.4398**	ng/L
Ni-Precon	60	27	1307			1279.950728	**546.0681**	ng/L
Cu-Precon	63	311	9344			9032.890284	**1623.5977**	ng/L
Cu-Precon	65	146	4413			4266.654539	**1632.0519**	ng/L
Zn-Precon	66	221	2180			1958.773327	**1095.0966**	ng/L
Zn-Precon	68	151	1456			1305.026375	**1088.0862**	ng/L
Cd-Precon	111	4	51			47.299791	**25.2550**	ng/L
Cd-Precon	114	12	166			153.807552	**26.6130**	ng/L
Pb-Precon	208	1281	27420			26138.821585	**883.1319**	ng/L
Tb-Precon	159	12	375			363.628475		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 19:38:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.297
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	30			-285.258868	**-5.5721**	ng/L
Fe-Precon	54	133	318			184.309454	**24.3654**	ng/L
Fe-Precon	56	2555	6257			3701.688090	**26.4452**	ng/L
Fe-Precon	57	80	189			109.754706	**24.8100**	ng/L
Co-Precon	59	33	41			7.806174	**0.3767**	ng/L
Ni-Precon	60	27	26			-0.588683	**-1.4968**	ng/L
Cu-Precon	63	311	207			-103.986896	**-2.2577**	ng/L
Cu-Precon	65	146	89			-57.436056	**-2.2724**	ng/L
Zn-Precon	66	221	303			81.618921	**5.6528**	ng/L
Zn-Precon	68	151	229			78.150572	**5.5826**	ng/L
Cd-Precon	111	4	-3			-6.748710	**-0.1874**	ng/L
Cd-Precon	114	12	-1			-12.228168	**-0.5733**	ng/L
Pb-Precon	208	1281	65			-1215.541815	**-1.3323**	ng/L
Tb-Precon	159	12	10			-1.845886		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MS3

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 19:49:12
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 256

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MS3.298
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	134578			134262.925060	**31179.8575**	ng/L
Fe-Precon	54	133	51926			51792.487676	**94412.3597**	ng/L
Fe-Precon	56	2555	1064819			1062264.252284	**99086.8530**	ng/L
Fe-Precon	57	80	26397			26317.062463	**98362.1325**	ng/L
Co-Precon	59	33	369296			369262.349621	**26124.2995**	ng/L
Ni-Precon	60	27	39823			39796.159046	**17420.9695**	ng/L
Cu-Precon	63	311	160914			160603.723546	**28931.8343**	ng/L
Cu-Precon	65	146	76125			75978.334619	**29075.2254**	ng/L
Zn-Precon	66	221	320574			320352.847679	**177252.2511**	ng/L
Zn-Precon	68	151	214949			214798.288456	**180715.5926**	ng/L
Cd-Precon	111	4	63168			63163.435080	**31705.7711**	ng/L
Cd-Precon	114	12	160282			160270.376047	**31219.4917**	ng/L
Pb-Precon	208	1281	988922			987641.180042	**32393.4199**	ng/L
Tb-Precon	159	12	338			325.874169		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 19:59:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.299
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	361			45.615301	**2.1092**	ng/L
Fe-Precon	54	133	967			833.552665	**142.8319**	ng/L
Fe-Precon	56	2555	19414			16859.127900	**149.2769**	ng/L
Fe-Precon	57	80	528			448.791800	**151.7376**	ng/L
Co-Precon	59	33	56			23.072170	**0.4847**	ng/L
Ni-Precon	60	27	102			74.668465	**1.8004**	ng/L
Cu-Precon	63	311	788			477.346269	**8.2161**	ng/L
Cu-Precon	65	146	396			249.232422	**9.4634**	ng/L
Zn-Precon	66	221	378			156.571224	**9.7996**	ng/L
Zn-Precon	68	151	263			112.566317	**8.4782**	ng/L
Cd-Precon	111	4	4			-0.000328	**0.1513**	ng/L
Cd-Precon	114	12	9			-2.677540	**-0.3872**	ng/L
Pb-Precon	208	1281	170			-1110.491408	**-0.9881**	ng/L
Tb-Precon	159	12	13			1.049371		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MSD3

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 20:10:13
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 257

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MSD3.300
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	127252			126937.249400	**29479.1901**	ng/L
Fe-Precon	54	133	49454			49321.054505	**89902.7709**	ng/L
Fe-Precon	56	2555	1008058			1005502.821876	**93787.8740**	ng/L
Fe-Precon	57	80	24949			24869.259022	**92941.8949**	ng/L
Co-Precon	59	33	354321			354288.111107	**25065.0435**	ng/L
Ni-Precon	60	27	37121			37093.658353	**16236.9372**	ng/L
Cu-Precon	63	311	158456			158145.194552	**28488.8857**	ng/L
Cu-Precon	65	146	74656			74509.732704	**28513.2096**	ng/L
Zn-Precon	66	221	317037			316815.880818	**175295.3616**	ng/L
Zn-Precon	68	151	213773			213622.733984	**179726.5126**	ng/L
Cd-Precon	111	4	62536			62532.102626	**31388.8801**	ng/L
Cd-Precon	114	12	158440			158428.449599	**30860.6594**	ng/L
Pb-Precon	208	1281	952329			951047.942056	**31194.1889**	ng/L
Tb-Precon	159	12	314			302.182091		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 20:20:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.301
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	365			49.764079	**2.2056**	ng/L
Fe-Precon	54	133	882			748.920295	**127.3891**	ng/L
Fe-Precon	56	2555	17186			14631.295346	**128.4789**	ng/L
Fe-Precon	57	80	489			409.739008	**137.1171**	ng/L
Co-Precon	59	33	68			34.480099	**0.5654**	ng/L
Ni-Precon	60	27	96			68.490124	**1.5297**	ng/L
Cu-Precon	63	311	699			388.514857	**6.6157**	ng/L
Cu-Precon	65	146	333			187.175330	**7.0886**	ng/L
Zn-Precon	66	221	329			107.688204	**7.0951**	ng/L
Zn-Precon	68	151	237			86.725377	**6.3040**	ng/L
Cd-Precon	111	4	5			1.101177	**0.2066**	ng/L
Cd-Precon	114	12	16			4.670117	**-0.2441**	ng/L
Pb-Precon	208	1281	228			-1052.288737	**-0.7973**	ng/L
Tb-Precon	159	12	8			-3.407791		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-20
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 20:31:12
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 258

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-20.302
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4024			3709.130305	**871.5834**	ng/L
Fe-Precon	54	133	3343			3209.683458	**5764.0106**	ng/L
Fe-Precon	56	2555	64139			61583.622767	**5668.0364**	ng/L
Fe-Precon	57	80	1740			1660.526458	**6053.8269**	ng/L
Co-Precon	59	33	2239			2205.202834	**159.2075**	ng/L
Ni-Precon	60	27	1181			1154.427737	**491.0734**	ng/L
Cu-Precon	63	311	8315			8004.600329	**1438.3327**	ng/L
Cu-Precon	65	146	3881			3734.923993	**1428.5652**	ng/L
Zn-Precon	66	221	1736			1514.560939	**849.3283**	ng/L
Zn-Precon	68	151	1167			1016.285457	**845.1473**	ng/L
Cd-Precon	111	4	44			40.174264	**21.6784**	ng/L
Cd-Precon	114	12	169			157.239416	**27.2815**	ng/L
Pb-Precon	208	1281	26423			25141.913516	**850.4613**	ng/L
Tb-Precon	159	12	325			313.355178		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 20:41:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.303
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	62			-252.967239	**-4.8224**	ng/L
Fe-Precon	54	133	311			177.865885	**23.1896**	ng/L
Fe-Precon	56	2555	5874			3318.743344	**22.8703**	ng/L
Fe-Precon	57	80	172			92.632444	**18.3998**	ng/L
Co-Precon	59	33	50			17.077328	**0.4423**	ng/L
Ni-Precon	60	27	31			3.459843	**-1.3194**	ng/L
Cu-Precon	63	311	291			-19.597561	**-0.7372**	ng/L
Cu-Precon	65	146	126			-20.138411	**-0.8451**	ng/L
Zn-Precon	66	221	317			95.712622	**6.4325**	ng/L
Zn-Precon	68	151	236			84.967023	**6.1561**	ng/L
Cd-Precon	111	4	-0			-4.485580	**-0.0738**	ng/L
Cd-Precon	114	12	4			-7.671460	**-0.4845**	ng/L
Pb-Precon	208	1281	83			-1197.498220	**-1.2732**	ng/L
Tb-Precon	159	12	10			-1.793936		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-21
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 20:52:11
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 259

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-21.304
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4164			3849.192888	**904.0991**	ng/L
Fe-Precon	54	133	4006			3872.234625	**6972.9582**	ng/L
Fe-Precon	56	2555	77923			75367.825277	**6954.8644**	ng/L
Fe-Precon	57	80	2112			2032.796351	**7447.5183**	ng/L
Co-Precon	59	33	2476			2443.121915	**176.0376**	ng/L
Ni-Precon	60	27	1218			1190.808345	**507.0126**	ng/L
Cu-Precon	63	311	9553			9242.407733	**1661.3461**	ng/L
Cu-Precon	65	146	4446			4299.916657	**1644.7809**	ng/L
Zn-Precon	66	221	1544			1322.612647	**743.1295**	ng/L
Zn-Precon	68	151	1033			882.692123	**732.7455**	ng/L
Cd-Precon	111	4	49			44.425222	**23.8121**	ng/L
Cd-Precon	114	12	171			159.619305	**27.7452**	ng/L
Pb-Precon	208	1281	28483			27202.068343	**917.9766**	ng/L
Tb-Precon	159	12	339			327.588235		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 21:02:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.305
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	36			-278.810299	**-5.4223**	ng/L
Fe-Precon	54	133	256			122.471707	**13.0819**	ng/L
Fe-Precon	56	2555	5075			2519.694590	**15.4107**	ng/L
Fe-Precon	57	80	160			80.360611	**13.8055**	ng/L
Co-Precon	59	33	32			-1.530735	**0.3106**	ng/L
Ni-Precon	60	27	29			2.181909	**-1.3754**	ng/L
Cu-Precon	63	311	261			-50.015280	**-1.2853**	ng/L
Cu-Precon	65	146	118			-27.886876	**-1.1416**	ng/L
Zn-Precon	66	221	312			90.453187	**6.1415**	ng/L
Zn-Precon	68	151	222			71.500425	**5.0231**	ng/L
Cd-Precon	111	4	-0			-4.429054	**-0.0710**	ng/L
Cd-Precon	114	12	-0			-11.916302	**-0.5672**	ng/L
Pb-Precon	208	1281	82			-1198.800309	**-1.2775**	ng/L
Tb-Precon	159	12	9			-3.009522		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-22

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 21:13:10
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 260

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-22.306
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3754			3438.547578	**808.7672**	ng/L
Fe-Precon	54	133	3688			3554.475891	**6393.1484**	ng/L
Fe-Precon	56	2555	71704			69149.173461	**6374.3205**	ng/L
Fe-Precon	57	80	1998			1918.107974	**7018.1519**	ng/L
Co-Precon	59	33	2303			2269.575865	**163.7612**	ng/L
Ni-Precon	60	27	1079			1052.381986	**446.3646**	ng/L
Cu-Precon	63	311	8822			8511.270914	**1529.6186**	ng/L
Cu-Precon	65	146	4163			4016.317596	**1536.2511**	ng/L
Zn-Precon	66	221	1433			1211.868865	**681.8585**	ng/L
Zn-Precon	68	151	1004			853.351720	**708.0592**	ng/L
Cd-Precon	111	4	54			50.008412	**26.6145**	ng/L
Cd-Precon	114	12	161			149.767378	**25.8259**	ng/L
Pb-Precon	208	1281	27335			26054.529083	**880.3695**	ng/L
Tb-Precon	159	12	348			336.665146		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 21:23:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.307
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	26			-289.044197	**-5.6599**	ng/L
Fe-Precon	54	133	225			91.957790	**7.5141**	ng/L
Fe-Precon	56	2555	4358			1802.763281	**8.7178**	ng/L
Fe-Precon	57	80	131			51.109118	**2.8545**	ng/L
Co-Precon	59	33	33			-0.533308	**0.3177**	ng/L
Ni-Precon	60	27	26			-1.239771	**-1.5253**	ng/L
Cu-Precon	63	311	189			-121.405549	**-2.5715**	ng/L
Cu-Precon	65	146	84			-62.374705	**-2.4614**	ng/L
Zn-Precon	66	221	289			67.669502	**4.8810**	ng/L
Zn-Precon	68	151	226			75.386824	**5.3500**	ng/L
Cd-Precon	111	4	-0			-4.393924	**-0.0692**	ng/L
Cd-Precon	114	12	2			-9.443153	**-0.5190**	ng/L
Pb-Precon	208	1281	65			-1215.444953	**-1.3320**	ng/L
Tb-Precon	159	12	10			-1.731595		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-23

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 21:34:12
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 301

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-23.308
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4385			4069.603291	**955.2678**	ng/L
Fe-Precon	54	133	3527			3393.455877	**6099.3375**	ng/L
Fe-Precon	56	2555	68636			66080.611901	**6087.8541**	ng/L
Fe-Precon	57	80	1878			1798.327862	**6569.7231**	ng/L
Co-Precon	59	33	2558			2524.812685	**181.8163**	ng/L
Ni-Precon	60	27	1181			1153.673383	**490.7429**	ng/L
Cu-Precon	63	311	9770			9459.542841	**1700.4670**	ng/L
Cu-Precon	65	146	4560			4413.274136	**1688.1614**	ng/L
Zn-Precon	66	221	1472			1250.414623	**703.1846**	ng/L
Zn-Precon	68	151	1013			862.339625	**715.6214**	ng/L
Cd-Precon	111	4	41			36.884469	**20.0271**	ng/L
Cd-Precon	114	12	135			123.096209	**20.6300**	ng/L
Pb-Precon	208	1281	29260			27978.954515	**943.4366**	ng/L
Tb-Precon	159	12	348			335.919743		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 21:44:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.309
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	25			-290.045110	**-5.6832**	ng/L
Fe-Precon	54	133	207			73.258000	**4.1020**	ng/L
Fe-Precon	56	2555	4278			1722.806130	**7.9713**	ng/L
Fe-Precon	57	80	126			46.893932	**1.2764**	ng/L
Co-Precon	59	33	39			5.381903	**0.3595**	ng/L
Ni-Precon	60	27	28			0.616506	**-1.4440**	ng/L
Cu-Precon	63	311	245			-65.947677	**-1.5723**	ng/L
Cu-Precon	65	146	111			-35.530119	**-1.4341**	ng/L
Zn-Precon	66	221	301			79.705500	**5.5469**	ng/L
Zn-Precon	68	151	208			57.150644	**3.8157**	ng/L
Cd-Precon	111	4	-0			-4.269627	**-0.0630**	ng/L
Cd-Precon	114	12	3			-8.618675	**-0.5030**	ng/L
Pb-Precon	208	1281	73			-1208.185936	**-1.3082**	ng/L
Tb-Precon	159	12	8			-3.632902		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-24
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 21:55:15
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 302

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-24.310
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	8286			7971.122128	**1861.0117**	ng/L
Fe-Precon	54	133	724650			724516.409179	**1321922.0928**	ng/L
Fe-Precon	56	2555	14503974			14501418.908711	**1353702.8483**	ng/L
Fe-Precon	57	80	350187			350107.574316	**1310558.0996**	ng/L
Co-Precon	59	33	18180			18146.853848	**1286.8969**	ng/L
Ni-Precon	60	27	4328			4300.675222	**1869.5221**	ng/L
Cu-Precon	63	311	2896			2585.288764	**461.9453**	ng/L
Cu-Precon	65	146	1065			918.877112	**350.8989**	ng/L
Zn-Precon	66	221	36592			36370.129177	**20133.7880**	ng/L
Zn-Precon	68	151	24545			24393.839936	**20514.3949**	ng/L
Cd-Precon	111	4	495			491.114464	**248.0233**	ng/L
Cd-Precon	114	12	1293			1281.256164	**246.2552**	ng/L
Pb-Precon	208	1281	255047			253766.060260	**8342.9159**	ng/L
Tb-Precon	159	12	2158			2146.477694		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 22:05:46
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.311
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.432269	**-6.2261**	ng/L
Fe-Precon	54	133	11			-122.228779	**-31.5682**	ng/L
Fe-Precon	56	2555	197			-2357.884401	**-30.1241**	ng/L
Fe-Precon	57	80	34			-45.236857	**-33.2152**	ng/L
Co-Precon	59	33	9			-24.014000	**0.1516**	ng/L
Ni-Precon	60	27	2			-24.793142	**-2.5572**	ng/L
Cu-Precon	63	311	22			-288.436054	**-5.5808**	ng/L
Cu-Precon	65	146	9			-137.087840	**-5.3206**	ng/L
Zn-Precon	66	221	9			-212.727986	**-10.6325**	ng/L
Zn-Precon	68	151	25			-125.845334	**-11.5811**	ng/L
Cd-Precon	111	4	0			-3.891358	**-0.0440**	ng/L
Cd-Precon	114	12	1			-11.053915	**-0.5504**	ng/L
Pb-Precon	208	1281	13			-1268.217743	**-1.5050**	ng/L
Tb-Precon	159	12	1			-10.244171		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245005-25
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 22:16:17
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 303

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245005-25.312
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.248718	**-62.2184**	ng/L
Fe-Precon	54	133	11			-122.446960	**-316.0802**	ng/L
Fe-Precon	56	2555	736			-1818.585188	**-250.8942**	ng/L
Fe-Precon	57	80	332			252.503891	**782.5196**	ng/L
Co-Precon	59	33	21			-12.301382	**2.3445**	ng/L
Ni-Precon	60	27	41			14.414353	**-8.3946**	ng/L
Cu-Precon	63	311	64			-247.033254	**-48.3489**	ng/L
Cu-Precon	65	146	15			-131.615969	**-51.1118**	ng/L
Zn-Precon	66	221	8			-213.230152	**-106.6027**	ng/L
Zn-Precon	68	151	33			-118.150070	**-109.3363**	ng/L
Cd-Precon	111	4	0			-4.034161	**-0.5116**	ng/L
Cd-Precon	114	12	2			-9.607662	**-5.2225**	ng/L
Pb-Precon	208	1281	19			-1261.658428	**-14.8347**	ng/L
Tb-Precon	159	12	3			-8.550662		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 22:26:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.313
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1			-313.688546	**-6.2321**	ng/L
Fe-Precon	54	133	8			-125.650429	**-32.1926**	ng/L
Fe-Precon	56	2555	166			-2389.479892	**-30.4190**	ng/L
Fe-Precon	57	80	37			-42.248098	**-32.0963**	ng/L
Co-Precon	59	33	11			-22.299708	**0.1637**	ng/L
Ni-Precon	60	27	4			-22.916084	**-2.4750**	ng/L
Cu-Precon	63	311	30			-281.003991	**-5.4469**	ng/L
Cu-Precon	65	146	12			-134.781344	**-5.2323**	ng/L
Zn-Precon	66	221	7			-214.161753	**-10.7118**	ng/L
Zn-Precon	68	151	27			-123.635798	**-11.3952**	ng/L
Cd-Precon	111	4	1			-3.547378	**-0.0267**	ng/L
Cd-Precon	114	12	2			-10.017818	**-0.5302**	ng/L
Pb-Precon	208	1281	16			-1264.948471	**-1.4943**	ng/L
Tb-Precon	159	12	1			-10.625124		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVE
Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 22:37:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCVE.314
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5			-310.343082	**-6.1544**	ng/L
Fe-Precon	54	133	7			-125.820128	**-32.2235**	ng/L
Fe-Precon	56	2555	147			-2407.568607	**-30.5879**	ng/L
Fe-Precon	57	80	32			-47.730378	**-34.1487**	ng/L
Co-Precon	59	33	12			-21.638238	**0.1684**	ng/L
Ni-Precon	60	27	5			-22.528205	**-2.4580**	ng/L
Cu-Precon	63	311	24			-286.898391	**-5.5531**	ng/L
Cu-Precon	65	146	13			-133.790866	**-5.1944**	ng/L
Zn-Precon	66	221	9			-212.184262	**-10.6024**	ng/L
Zn-Precon	68	151	25			-125.415901	**-11.5450**	ng/L
Cd-Precon	111	4	0			-3.803991	**-0.0396**	ng/L
Cd-Precon	114	12	1			-10.441403	**-0.5385**	ng/L
Pb-Precon	208	1281	11			-1269.932036	**-1.5106**	ng/L
Tb-Precon	159	12	1			-11.030319		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 22:47:51
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.315
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.508460	**-6.2279**	ng/L
Fe-Precon	54	133	9			-124.130082	**-31.9151**	ng/L
Fe-Precon	56	2555	154			-2400.922497	**-30.5258**	ng/L
Fe-Precon	57	80	33			-46.376253	**-33.6418**	ng/L
Co-Precon	59	33	10			-23.127417	**0.1579**	ng/L
Ni-Precon	60	27	6			-21.444223	**-2.4105**	ng/L
Cu-Precon	63	311	34			-276.657660	**-5.3686**	ng/L
Cu-Precon	65	146	14			-132.630690	**-5.1500**	ng/L
Zn-Precon	66	221	8			-213.877772	**-10.6961**	ng/L
Zn-Precon	68	151	28			-122.371730	**-11.2888**	ng/L
Cd-Precon	111	4	1			-3.166651	**-0.0076**	ng/L
Cd-Precon	114	12	1			-10.794606	**-0.5454**	ng/L
Pb-Precon	208	1281	11			-1269.388312	**-1.5088**	ng/L
Tb-Precon	159	12	2			-10.043306		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBE

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 22:58:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCBE.316
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.307594	**-6.2232**	ng/L
Fe-Precon	54	133	8			-124.971641	**-32.0687**	ng/L
Fe-Precon	56	2555	147			-2407.873250	**-30.5907**	ng/L
Fe-Precon	57	80	37			-42.739881	**-32.2804**	ng/L
Co-Precon	59	33	9			-24.034779	**0.1514**	ng/L
Ni-Precon	60	27	4			-22.632102	**-2.4626**	ng/L
Cu-Precon	63	311	34			-276.553757	**-5.3668**	ng/L
Cu-Precon	65	146	13			-133.402985	**-5.1796**	ng/L
Zn-Precon	66	221	9			-212.790325	**-10.6359**	ng/L
Zn-Precon	68	151	25			-125.679103	**-11.5671**	ng/L
Cd-Precon	111	4	1			-3.474656	**-0.0231**	ng/L
Cd-Precon	114	12	2			-9.824329	**-0.5265**	ng/L
Pb-Precon	208	1281	8			-1272.681824	**-1.5196**	ng/L
Tb-Precon	159	12	1			-10.264951		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 23:08:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.317
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.349153	**-6.2242**	ng/L
Fe-Precon	54	133	10			-122.855623	**-31.6826**	ng/L
Fe-Precon	56	2555	169			-2386.449520	**-30.3907**	ng/L
Fe-Precon	57	80	38			-41.382294	**-31.7722**	ng/L
Co-Precon	59	33	7			-25.856426	**0.1386**	ng/L
Ni-Precon	60	27	5			-21.762837	**-2.4245**	ng/L
Cu-Precon	63	311	29			-281.578892	**-5.4573**	ng/L
Cu-Precon	65	146	12			-133.970954	**-5.2013**	ng/L
Zn-Precon	66	221	6			-215.006778	**-10.7586**	ng/L
Zn-Precon	68	151	27			-123.860914	**-11.4141**	ng/L
Cd-Precon	111	4	0			-3.909810	**-0.0449**	ng/L
Cd-Precon	114	12	0			-11.566770	**-0.5604**	ng/L
Pb-Precon	208	1281	13			-1267.386578	**-1.5022**	ng/L
Tb-Precon	159	12	2			-9.838976		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-04
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 23:19:25
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 304

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245020-04.318
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1			-314.582053	**-62.5279**	ng/L
Fe-Precon	54	133	7			-125.920561	**-322.4184**	ng/L
Fe-Precon	56	2555	169			-2386.373252	**-303.9002**	ng/L
Fe-Precon	57	80	39			-40.939007	**-316.0620**	ng/L
Co-Precon	59	33	9			-24.239109	**1.5000**	ng/L
Ni-Precon	60	27	7			-20.166299	**-23.5452**	ng/L
Cu-Precon	63	311	29			-281.222174	**-54.5087**	ng/L
Cu-Precon	65	146	9			-137.565762	**-53.3887**	ng/L
Zn-Precon	66	221	10			-211.152226	**-105.4531**	ng/L
Zn-Precon	68	151	30			-120.505060	**-111.3177**	ng/L
Cd-Precon	111	4	-0			-4.512123	**-0.7515**	ng/L
Cd-Precon	114	12	-0			-11.960549	**-5.6809**	ng/L
Pb-Precon	208	1281	21			-1259.435048	**-14.7618**	ng/L
Tb-Precon	159	12	1			-10.348067		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 23:29:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.319
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.266036	**-6.2222**	ng/L
Fe-Precon	54	133	7			-126.142205	**-32.2823**	ng/L
Fe-Precon	56	2555	166			-2388.932617	**-30.4139**	ng/L
Fe-Precon	57	80	41			-38.867997	**-30.8309**	ng/L
Co-Precon	59	33	12			-21.655554	**0.1683**	ng/L
Ni-Precon	60	27	4			-22.815651	**-2.4706**	ng/L
Cu-Precon	63	311	23			-287.746876	**-5.5684**	ng/L
Cu-Precon	65	146	13			-133.406449	**-5.1797**	ng/L
Zn-Precon	66	221	8			-213.839676	**-10.6940**	ng/L
Zn-Precon	68	151	29			-121.363923	**-11.2040**	ng/L
Cd-Precon	111	4	0			-3.733073	**-0.0360**	ng/L
Cd-Precon	114	12	1			-10.533260	**-0.5403**	ng/L
Pb-Precon	208	1281	21			-1259.462750	**-1.4763**	ng/L
Tb-Precon	159	12	1			-10.971444		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-DUP4
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Sunday, December 23, 2012 23:40:27
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 305

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-DUP4.320
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-312.940494	**-62.1468**	ng/L
Fe-Precon	54	133	11			-122.668607	**-316.4847**	ng/L
Fe-Precon	56	2555	169			-2386.245204	**-303.8883**	ng/L
Fe-Precon	57	80	42			-37.285304	**-302.3834**	ng/L
Co-Precon	59	33	11			-22.074602	**1.6531**	ng/L
Ni-Precon	60	27	4			-23.130804	**-24.8441**	ng/L
Cu-Precon	63	311	31			-280.183217	**-54.3215**	ng/L
Cu-Precon	65	146	16			-130.604712	**-50.7248**	ng/L
Zn-Precon	66	221	8			-213.472577	**-106.7369**	ng/L
Zn-Precon	68	151	28			-122.828879	**-113.2729**	ng/L
Cd-Precon	111	4	0			-4.059853	**-0.5245**	ng/L
Cd-Precon	114	12	2			-10.217941	**-5.3414**	ng/L
Pb-Precon	208	1281	16			-1264.775317	**-14.9368**	ng/L
Tb-Precon	159	12	3			-8.772308		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Sunday, December 23, 2012 23:50:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.321
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	0			-314.658244	**-6.2546**	ng/L
Fe-Precon	54	133	11			-122.595879	**-31.6352**	ng/L
Fe-Precon	56	2555	165			-2389.767308	**-30.4217**	ng/L
Fe-Precon	57	80	44			-35.120789	**-29.4280**	ng/L
Co-Precon	59	33	11			-22.081529	**0.1653**	ng/L
Ni-Precon	60	27	5			-22.424310	**-2.4535**	ng/L
Cu-Precon	63	311	33			-277.720871	**-5.3878**	ng/L
Cu-Precon	65	146	13			-133.188268	**-5.1714**	ng/L
Zn-Precon	66	221	6			-215.010239	**-10.7588**	ng/L
Zn-Precon	68	151	32			-118.673017	**-10.9776**	ng/L
Cd-Precon	111	4	1			-3.254410	**-0.0120**	ng/L
Cd-Precon	114	12	1			-10.311302	**-0.5360**	ng/L
Pb-Precon	208	1281	22			-1258.406468	**-1.4728**	ng/L
Tb-Precon	159	12	1			-10.507375		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MS4
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 00:01:29
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 306

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MS4.322
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	5			-310.142221	**-61.4972**	ng/L
Fe-Precon	54	133	9			-124.140469	**-319.1703**	ng/L
Fe-Precon	56	2555	169			-2385.635560	**-303.8314**	ng/L
Fe-Precon	57	80	40			-39.446352	**-310.4738**	ng/L
Co-Precon	59	33	14			-19.449491	**1.8388**	ng/L
Ni-Precon	60	27	5			-22.406994	**-24.5269**	ng/L
Cu-Precon	63	311	31			-280.120875	**-54.3102**	ng/L
Cu-Precon	65	146	18			-128.717261	**-50.0025**	ng/L
Zn-Precon	66	221	10			-211.228418	**-105.4952**	ng/L
Zn-Precon	68	151	28			-122.932773	**-113.3603**	ng/L
Cd-Precon	111	4	1			-3.152098	**-0.0689**	ng/L
Cd-Precon	114	12	0			-11.525186	**-5.5961**	ng/L
Pb-Precon	208	1281	13			-1267.525106	**-15.0270**	ng/L
Tb-Precon	159	12	1			-10.548933		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 00:11:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.323
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1			-313.671231	**-6.2316**	ng/L
Fe-Precon	54	133	10			-123.302375	**-31.7641**	ng/L
Fe-Precon	56	2555	159			-2395.609787	**-30.4763**	ng/L
Fe-Precon	57	80	39			-41.105230	**-31.6684**	ng/L
Co-Precon	59	33	10			-23.428717	**0.1557**	ng/L
Ni-Precon	60	27	5			-21.821712	**-2.4271**	ng/L
Cu-Precon	63	311	30			-280.778889	**-5.4429**	ng/L
Cu-Precon	65	146	15			-131.505147	**-5.1069**	ng/L
Zn-Precon	66	221	6			-215.675177	**-10.7955**	ng/L
Zn-Precon	68	151	27			-123.736237	**-11.4036**	ng/L
Cd-Precon	111	4	0			-3.984819	**-0.0487**	ng/L
Cd-Precon	114	12	1			-10.374935	**-0.5372**	ng/L
Pb-Precon	208	1281	14			-1266.693936	**-1.5000**	ng/L
Tb-Precon	159	12	2			-10.122959		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B122114-MSD4

Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 00:22:30
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 307

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\B122114-MSD4.324
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	6			-308.746548	**-61.1732**	ng/L
Fe-Precon	54	133	10			-123.756055	**-318.4689**	ng/L
Fe-Precon	56	2555	179			-2375.740941	**-302.9077**	ng/L
Fe-Precon	57	80	37			-42.885331	**-323.3485**	ng/L
Co-Precon	59	33	14			-19.044293	**1.8675**	ng/L
Ni-Precon	60	27	5			-22.469331	**-24.5542**	ng/L
Cu-Precon	63	311	34			-276.290552	**-53.6201**	ng/L
Cu-Precon	65	146	17			-129.579602	**-50.3325**	ng/L
Zn-Precon	66	221	7			-214.362620	**-107.2293**	ng/L
Zn-Precon	68	151	27			-123.964811	**-114.2287**	ng/L
Cd-Precon	111	4	1			-3.160523	**-0.0731**	ng/L
Cd-Precon	114	12	0			-11.600727	**-5.6108**	ng/L
Pb-Precon	208	1281	13			-1267.421208	**-15.0236**	ng/L
Tb-Precon	159	12	2			-9.721227		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 00:33:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.325
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-312.618416	**-6.2072**	ng/L
Fe-Precon	54	133	12			-121.480726	**-31.4317**	ng/L
Fe-Precon	56	2555	185			-2370.372991	**-30.2407**	ng/L
Fe-Precon	57	80	40			-39.564103	**-31.0915**	ng/L
Co-Precon	59	33	14			-19.078926	**0.1865**	ng/L
Ni-Precon	60	27	7			-20.391408	**-2.3644**	ng/L
Cu-Precon	63	311	31			-279.781480	**-5.4249**	ng/L
Cu-Precon	65	146	16			-130.182200	**-5.0563**	ng/L
Zn-Precon	66	221	6			-215.294223	**-10.7745**	ng/L
Zn-Precon	68	151	28			-122.853119	**-11.3293**	ng/L
Cd-Precon	111	4	1			-3.604060	**-0.0296**	ng/L
Cd-Precon	114	12	3			-8.748258	**-0.5055**	ng/L
Pb-Precon	208	1281	13			-1268.141557	**-1.5047**	ng/L
Tb-Precon	159	12	0			-11.719497		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-08
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 00:43:31
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 308

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245020-08.326
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1			-313.934434	**-62.3776**	ng/L
Fe-Precon	54	133	9			-124.656489	**-320.1119**	ng/L
Fe-Precon	56	2555	296			-2259.173116	**-292.0254**	ng/L
Fe-Precon	57	80	91			11.031401	**-121.4969**	ng/L
Co-Precon	59	33	15			-18.521348	**1.9045**	ng/L
Ni-Precon	60	27	15			-11.643287	**-19.8111**	ng/L
Cu-Precon	63	311	45			-265.973618	**-51.7614**	ng/L
Cu-Precon	65	146	15			-131.401249	**-51.0297**	ng/L
Zn-Precon	66	221	8			-213.147034	**-106.5567**	ng/L
Zn-Precon	68	151	31			-120.047915	**-110.9331**	ng/L
Cd-Precon	111	4	0			-3.939961	**-0.4643**	ng/L
Cd-Precon	114	12	1			-10.397728	**-5.3764**	ng/L
Pb-Precon	208	1281	15			-1266.174455	**-14.9827**	ng/L
Tb-Precon	159	12	0			-11.376639		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 00:54:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.327
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	1			-314.194175	**-6.2438**	ng/L
Fe-Precon	54	133	10			-123.163847	**-31.7388**	ng/L
Fe-Precon	56	2555	157			-2398.484290	**-30.5031**	ng/L
Fe-Precon	57	80	44			-36.048942	**-29.7755**	ng/L
Co-Precon	59	33	11			-22.808802	**0.1601**	ng/L
Ni-Precon	60	27	7			-20.183613	**-2.3553**	ng/L
Cu-Precon	63	311	38			-272.737296	**-5.2980**	ng/L
Cu-Precon	65	146	12			-134.043679	**-5.2041**	ng/L
Zn-Precon	66	221	8			-213.347900	**-10.6668**	ng/L
Zn-Precon	68	151	30			-120.418479	**-11.1245**	ng/L
Cd-Precon	111	4	0			-3.747241	**-0.0368**	ng/L
Cd-Precon	114	12	1			-10.687053	**-0.5433**	ng/L
Pb-Precon	208	1281	15			-1265.596100	**-1.4964**	ng/L
Tb-Precon	159	12	0			-11.234648		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-12
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 01:04:32
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 309

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245020-12.328
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.550018	**-62.2883**	ng/L
Fe-Precon	54	133	10			-123.094582	**-317.2619**	ng/L
Fe-Precon	56	2555	230			-2325.534841	**-298.2206**	ng/L
Fe-Precon	57	80	69			-10.545465	**-202.2756**	ng/L
Co-Precon	59	33	16			-17.077188	**2.0066**	ng/L
Ni-Precon	60	27	10			-16.730791	**-22.0401**	ng/L
Cu-Precon	63	311	34			-277.066321	**-53.7599**	ng/L
Cu-Precon	65	146	16			-129.849734	**-50.4359**	ng/L
Zn-Precon	66	221	8			-212.987728	**-106.4686**	ng/L
Zn-Precon	68	151	33			-118.219333	**-109.3946**	ng/L
Cd-Precon	111	4	0			-3.857489	**-0.4229**	ng/L
Cd-Precon	114	12	1			-10.828192	**-5.4603**	ng/L
Pb-Precon	208	1281	15			-1266.132895	**-14.9813**	ng/L
Tb-Precon	159	12	2			-9.742006		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 01:15:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.329
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	3			-312.580320	**-6.2063**	ng/L
Fe-Precon	54	133	11			-122.647826	**-31.6447**	ng/L
Fe-Precon	56	2555	171			-2383.574973	**-30.3639**	ng/L
Fe-Precon	57	80	49			-30.206486	**-27.5882**	ng/L
Co-Precon	59	33	13			-20.807068	**0.1743**	ng/L
Ni-Precon	60	27	5			-22.143790	**-2.4412**	ng/L
Cu-Precon	63	311	34			-276.816962	**-5.3715**	ng/L
Cu-Precon	65	146	11			-135.013378	**-5.2412**	ng/L
Zn-Precon	66	221	7			-214.528854	**-10.7321**	ng/L
Zn-Precon	68	151	26			-124.792519	**-11.4925**	ng/L
Cd-Precon	111	4	0			-3.734983	**-0.0361**	ng/L
Cd-Precon	114	12	2			-10.204378	**-0.5339**	ng/L
Pb-Precon	208	1281	16			-1264.719908	**-1.4935**	ng/L
Tb-Precon	159	12	1			-11.054561		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245020-16
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 01:25:33
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 310

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245020-16.330
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4			-311.569064	**-61.8285**	ng/L
Fe-Precon	54	133	11			-122.530072	**-316.2319**	ng/L
Fe-Precon	56	2555	941			-1614.402182	**-231.8327**	ng/L
Fe-Precon	57	80	318			238.058587	**728.4398**	ng/L
Co-Precon	59	33	18			-15.345574	**2.1291**	ng/L
Ni-Precon	60	27	53			25.538157	**-3.5210**	ng/L
Cu-Precon	63	311	87			-224.203533	**-44.2357**	ng/L
Cu-Precon	65	146	26			-120.443644	**-46.8363**	ng/L
Zn-Precon	66	221	11			-209.995514	**-104.8131**	ng/L
Zn-Precon	68	151	36			-114.298975	**-106.0961**	ng/L
Cd-Precon	111	4	0			-3.716217	**-0.3520**	ng/L
Cd-Precon	114	12	2			-9.894871	**-5.2785**	ng/L
Pb-Precon	208	1281	26			-1254.835881	**-14.6111**	ng/L
Tb-Precon	159	12	2			-10.022525		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 01:36:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.331
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	2			-313.186382	**-6.2204**	ng/L
Fe-Precon	54	133	10			-123.378566	**-31.7780**	ng/L
Fe-Precon	56	2555	148			-2407.277560	**-30.5852**	ng/L
Fe-Precon	57	80	36			-43.913906	**-32.7199**	ng/L
Co-Precon	59	33	11			-22.320490	**0.1636**	ng/L
Ni-Precon	60	27	6			-21.077123	**-2.3944**	ng/L
Cu-Precon	63	311	35			-276.023894	**-5.3572**	ng/L
Cu-Precon	65	146	13			-132.980476	**-5.1634**	ng/L
Zn-Precon	66	221	9			-212.502878	**-10.6200**	ng/L
Zn-Precon	68	151	26			-124.809836	**-11.4940**	ng/L
Cd-Precon	111	4	0			-3.790056	**-0.0389**	ng/L
Cd-Precon	114	12	2			-10.003981	**-0.5300**	ng/L
Pb-Precon	208	1281	19			-1261.416001	**-1.4827**	ng/L
Tb-Precon	159	12	2			-10.064085		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-04
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 01:46:33
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 311

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-04.332
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	72			-242.965613	**-45.9021**	ng/L
Fe-Precon	54	133	39			-94.166263	**-264.4768**	ng/L
Fe-Precon	56	2555	820			-1734.796813	**-243.0721**	ng/L
Fe-Precon	57	80	81			1.059716	**-158.8286**	ng/L
Co-Precon	59	33	15			-18.365504	**1.9155**	ng/L
Ni-Precon	60	27	9			-18.268459	**-22.7137**	ng/L
Cu-Precon	63	311	37			-273.530376	**-53.1228**	ng/L
Cu-Precon	65	146	16			-130.258389	**-50.5923**	ng/L
Zn-Precon	66	221	11			-210.764345	**-105.2385**	ng/L
Zn-Precon	68	151	25			-125.879970	**-115.8400**	ng/L
Cd-Precon	111	4	1			-3.500175	**-0.2436**	ng/L
Cd-Precon	114	12	1			-11.079155	**-5.5092**	ng/L
Pb-Precon	208	1281	17			-1264.075749	**-14.9139**	ng/L
Tb-Precon	159	12	2			-10.043305		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 01:57:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.333
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4			-310.779449	**-6.1645**	ng/L
Fe-Precon	54	133	10			-122.935265	**-31.6971**	ng/L
Fe-Precon	56	2555	169			-2386.040277	**-30.3869**	ng/L
Fe-Precon	57	80	38			-41.659354	**-31.8759**	ng/L
Co-Precon	59	33	13			-20.536939	**0.1762**	ng/L
Ni-Precon	60	27	4			-23.120414	**-2.4840**	ng/L
Cu-Precon	63	311	35			-275.255060	**-5.3434**	ng/L
Cu-Precon	65	146	15			-131.629823	**-5.1117**	ng/L
Zn-Precon	66	221	9			-212.076903	**-10.5965**	ng/L
Zn-Precon	68	151	29			-121.751815	**-11.2367**	ng/L
Cd-Precon	111	4	0			-3.857422	**-0.0423**	ng/L
Cd-Precon	114	12	0			-11.281628	**-0.5549**	ng/L
Pb-Precon	208	1281	20			-1260.917301	**-1.4810**	ng/L
Tb-Precon	159	12	1			-10.971444		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-08
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 02:07:33
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 312

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-08.334
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	97			-218.154967	**-40.1422**	ng/L
Fe-Precon	54	133	175			41.388196	**-17.1325**	ng/L
Fe-Precon	56	2555	3285			729.672537	**-13.0009**	ng/L
Fe-Precon	57	80	117			37.484441	**-22.4629**	ng/L
Co-Precon	59	33	16			-17.136063	**2.0025**	ng/L
Ni-Precon	60	27	8			-19.238155	**-23.1386**	ng/L
Cu-Precon	63	311	40			-271.161482	**-52.6960**	ng/L
Cu-Precon	65	146	14			-132.190864	**-51.3318**	ng/L
Zn-Precon	66	221	9			-212.890757	**-106.4149**	ng/L
Zn-Precon	68	151	33			-117.706774	**-108.9633**	ng/L
Cd-Precon	111	4	2			-2.581820	**0.2174**	ng/L
Cd-Precon	114	12	2			-9.973256	**-5.2938**	ng/L
Pb-Precon	208	1281	23			-1257.436765	**-14.6964**	ng/L
Tb-Precon	159	12	2			-9.340274		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 02:18:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.335
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	25			-289.875355	**-5.6792**	ng/L
Fe-Precon	54	133	26			-107.807909	**-28.9369**	ng/L
Fe-Precon	56	2555	403			-2151.556101	**-28.1979**	ng/L
Fe-Precon	57	80	49			-30.705173	**-27.7749**	ng/L
Co-Precon	59	33	15			-18.258148	**0.1923**	ng/L
Ni-Precon	60	27	6			-20.893572	**-2.3864**	ng/L
Cu-Precon	63	311	29			-281.571961	**-5.4572**	ng/L
Cu-Precon	65	146	14			-132.353633	**-5.1394**	ng/L
Zn-Precon	66	221	6			-215.013703	**-10.7590**	ng/L
Zn-Precon	68	151	26			-124.300742	**-11.4511**	ng/L
Cd-Precon	111	4	0			-3.745557	**-0.0367**	ng/L
Cd-Precon	114	12	1			-10.604842	**-0.5417**	ng/L
Pb-Precon	208	1281	21			-1260.276606	**-1.4789**	ng/L
Tb-Precon	159	12	2			-10.084864		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1245032-09
Sample Description: 10x
Batch ID: B122114

Sample Date/Time: Monday, December 24, 2012 02:28:35
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 1
Autosampler Position: 313

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\1245032-09.336
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	9589			9274.344346	**2163.5568**	ng/L
Fe-Precon	54	133	3001			2867.464267	**5139.5681**	ng/L
Fe-Precon	56	2555	57384			54828.800480	**5037.4381**	ng/L
Fe-Precon	57	80	1645			1565.730367	**5698.9325**	ng/L
Co-Precon	59	33	43			9.596624	**3.8935**	ng/L
Ni-Precon	60	27	224			196.799311	**71.5128**	ng/L
Cu-Precon	63	311	159			-152.069062	**-31.2394**	ng/L
Cu-Precon	65	146	74			-71.853991	**-28.2417**	ng/L
Zn-Precon	66	221	128			-93.845921	**-40.5513**	ng/L
Zn-Precon	68	151	81			-69.297091	**-68.2327**	ng/L
Cd-Precon	111	4	1			-3.037839	**-0.0115**	ng/L
Cd-Precon	114	12	5			-6.915626	**-4.6981**	ng/L
Pb-Precon	208	1281	576			-705.172555	**3.4024**	ng/L
Tb-Precon	159	12	11			-0.370531		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 02:39:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.337
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	4199			3883.730715	**91.2117**	ng/L
Fe-Precon	54	133	571			437.505763	**70.5658**	ng/L
Fe-Precon	56	2555	11089			8534.137350	**71.5587**	ng/L
Fe-Precon	57	80	319			239.790803	**73.4925**	ng/L
Co-Precon	59	33	43			9.814803	**0.3909**	ng/L
Ni-Precon	60	27	105			78.147584	**1.9529**	ng/L
Cu-Precon	63	311	81			-229.813593	**-4.5246**	ng/L
Cu-Precon	65	146	50			-96.124683	**-3.7530**	ng/L
Zn-Precon	66	221	43			-178.604740	**-8.7446**	ng/L
Zn-Precon	68	151	41			-109.730973	**-10.2253**	ng/L
Cd-Precon	111	4	1			-2.981286	**0.0017**	ng/L
Cd-Precon	114	12	4			-8.201374	**-0.4949**	ng/L
Pb-Precon	208	1281	110			-1170.778555	**-1.1856**	ng/L
Tb-Precon	159	12	5			-7.019923		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVF
Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 02:49:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCVF.338
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	275			-39.635927	**0.1301**	ng/L
Fe-Precon	54	133	56			-77.071190	**-23.3284**	ng/L
Fe-Precon	56	2555	982			-1572.951524	**-22.7963**	ng/L
Fe-Precon	57	80	57			-22.618415	**-24.7474**	ng/L
Co-Precon	59	33	58			25.137125	**0.4993**	ng/L
Ni-Precon	60	27	14			-13.118651	**-2.0457**	ng/L
Cu-Precon	63	311	43			-267.556316	**-5.2047**	ng/L
Cu-Precon	65	146	20			-126.268771	**-4.9066**	ng/L
Zn-Precon	66	221	37			-184.045254	**-9.0456**	ng/L
Zn-Precon	68	151	37			-113.841783	**-10.5711**	ng/L
Cd-Precon	111	4	6			2.253284	**0.2644**	ng/L
Cd-Precon	114	12	17			5.016850	**-0.2373**	ng/L
Pb-Precon	208	1281	90			-1190.961029	**-1.2518**	ng/L
Tb-Precon	159	12	1			-10.992223		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 03:00:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.339
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	100			-215.424131	**-3.9508**	ng/L
Fe-Precon	54	133	28			-105.009553	**-28.4262**	ng/L
Fe-Precon	56	2555	577			-1978.121882	**-26.5788**	ng/L
Fe-Precon	57	80	56			-23.629744	**-25.1260**	ng/L
Co-Precon	59	33	14			-19.272864	**0.1851**	ng/L
Ni-Precon	60	27	6			-21.201797	**-2.3999**	ng/L
Cu-Precon	63	311	46			-264.955440	**-5.1578**	ng/L
Cu-Precon	65	146	17			-129.745837	**-5.0396**	ng/L
Zn-Precon	66	221	12			-209.919324	**-10.4771**	ng/L
Zn-Precon	68	151	31			-119.251369	**-11.0263**	ng/L
Cd-Precon	111	4	0			-3.792500	**-0.0390**	ng/L
Cd-Precon	114	12	2			-10.197062	**-0.5337**	ng/L
Pb-Precon	208	1281	46			-1234.967213	**-1.3960**	ng/L
Tb-Precon	159	12	1			-11.196553		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBF

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 03:10:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-CCBF.340
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	63			-252.371033	**-4.8086**	ng/L
Fe-Precon	54	133	15			-117.969028	**-30.7909**	ng/L
Fe-Precon	56	2555	304			-2251.014849	**-29.1264**	ng/L
Fe-Precon	57	80	44			-35.460186	**-29.5551**	ng/L
Co-Precon	59	33	15			-18.459011	**0.1909**	ng/L
Ni-Precon	60	27	4			-22.912621	**-2.4748**	ng/L
Cu-Precon	63	311	33			-277.551166	**-5.3847**	ng/L
Cu-Precon	65	146	17			-129.731986	**-5.0391**	ng/L
Zn-Precon	66	221	10			-211.231880	**-10.5497**	ng/L
Zn-Precon	68	151	31			-119.545751	**-11.0511**	ng/L
Cd-Precon	111	4	0			-3.710494	**-0.0349**	ng/L
Cd-Precon	114	12	3			-8.929790	**-0.5090**	ng/L
Pb-Precon	208	1281	27			-1254.136310	**-1.4588**	ng/L
Tb-Precon	159	12	1			-10.767115		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Monday, December 24, 2012 03:21:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\12-12\1200959.sam
Method File: C:\Elandata\Method\2012\12-12\1200959-0063-ICPMS2-TMU-CCE.mth
Dataset File: C:\Elandata\DataSet\Data\2012\12-12\1200959\rinse.341
Calibration File: C:\Elandata\System\2012\12-12\1200959.cal
Blank File: C:\Elandata\DataSet\Data\2012\12-12\1200959\SEQ-ICB1.021

Concentration Results

Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
V-Precon	51	315	59			-256.184232	**-4.8971**	ng/L
Fe-Precon	54	133	24			-109.407900	**-29.2288**	ng/L
Fe-Precon	56	2555	451			-2104.200209	**-27.7558**	ng/L
Fe-Precon	57	80	39			-40.963234	**-31.6153**	ng/L
Co-Precon	59	33	12			-21.004472	**0.1729**	ng/L
Ni-Precon	60	27	4			-23.352448	**-2.4941**	ng/L
Cu-Precon	63	311	33			-277.391866	**-5.3819**	ng/L
Cu-Precon	65	146	17			-129.236741	**-5.0201**	ng/L
Zn-Precon	66	221	11			-210.366076	**-10.5018**	ng/L
Zn-Precon	68	151	26			-124.581261	**-11.4747**	ng/L
Cd-Precon	111	4	0			-3.789597	**-0.0389**	ng/L
Cd-Precon	114	12	3			-8.838544	**-0.5073**	ng/L
Pb-Precon	208	1281	27			-1253.970056	**-1.4583**	ng/L
Tb-Precon	159	12	1			-10.306509		mg/L

Int Std % Recovery

Analyte	Mass	Int Std % Recovery
V-Precon	51	
Fe-Precon	54	
Fe-Precon	56	
Fe-Precon	57	
Co-Precon	59	
Ni-Precon	60	
Cu-Precon	63	
Cu-Precon	65	
Zn-Precon	66	
Zn-Precon	68	
Cd-Precon	111	
Cd-Precon	114	
Pb-Precon	208	
Tb-Precon	159	