

ANALYTICAL REPORT

Job Number: 460-45869-1

Job Description: 17338-TO4-2012, RACER, GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
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Attention: Ms. Sue Scrocchi



Approved for release.
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10/23/2012 7:12 AM

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10/23/2012

cc: Chris Barton

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17338-TO4-2012, RACER, GM Wilmington

Report Number: 460-45869-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 10/12/2012 7:00 PM; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.0 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

DISSOLVED METALS

Samples 460-45869-2 through 460-45869-4 were analyzed for Dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/16/2012 and analyzed on 10/16/2012 and 10/17/2012.

Thallium was detected in method blank MB 460-132174/1-B at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the dissolved metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples 460-45869-2 through 460-45869-4 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 10/17/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Sample 460-45869-4 was analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/15/2012.

No difficulties were encountered during the dissolved mercury analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample 460-45869-4 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/15/2012.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-45869-1 and 460-45869-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/16/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-45869-1	WG-17338-1011120MW-11-MM-254	Water	10/11/2012 0950	10/12/2012 1900
460-45869-2	WG-17338-1011120MW-10-MM-255	Water	10/11/2012 1110	10/12/2012 1900
460-45869-3	WG-17338-1011120MW-15-MM-256	Water	10/11/2012 1330	10/12/2012 1900
460-45869-4	WG-17338-1011120MW-105-M-257	Water	10/11/2012 1450	10/12/2012 1900
460-45869-5	TB-1738-101112 258	Water	10/11/2012 0000	10/12/2012 1900

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-45869-1 Toluene	WG-17338-1011120MW-11-MM-254	37		1.0	ug/L	8260B
460-45869-4 Nickel	WG-17338-1011120MW-105-MM-257	13.9	J	40.0	ug/L	6010B
Arsenic		5.7		5.0	ug/L	6010B
Sodium		138000		5000	ug/L	6010B
Potassium		6210		5000	ug/L	6010B
Barium		84.6	J	200	ug/L	6010B
Calcium		64900		5000	ug/L	6010B
Vanadium		10.6	J	50.0	ug/L	6010B
Aluminum		335		200	ug/L	6010B
<i>Dissolved</i> Nickel		13.0	J	40.0	ug/L	6010B
Arsenic		5.7		5.0	ug/L	6010B
Sodium		140000		5000	ug/L	6010B
Potassium		6410		5000	ug/L	6010B
Barium		67.2	J	200	ug/L	6010B
Calcium		37900		5000	ug/L	6010B
Vanadium		10.4	J	50.0	ug/L	6010B
Aluminum		244		200	ug/L	6010B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Sample Filtration	TAL EDI		FILTRATION
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Sample Filtration	TAL EDI		FILTRATION

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Sheikh, Razia B	RBS
SW846 7470A	Staib, Thomas	TS

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Client Sample ID: WG-17338-1011120MW-11-MM-254

Lab Sample ID: 460-45869-1

Date Sampled: 10/11/2012 0950

Client Matrix: Water

Date Received: 10/12/2012 1900

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-132272	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09126.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/16/2012 2150			Final Weight/Volume:	5 mL
Prep Date:	10/16/2012 2150				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	37		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
4-Bromofluorobenzene	110		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Client Sample ID: TB-1738-101112 258

Lab Sample ID: 460-45869-5

Date Sampled: 10/11/2012 0000

Client Matrix: Water

Date Received: 10/12/2012 1900

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-132272	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09124.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/16/2012 2049			Final Weight/Volume:	5 mL
Prep Date:	10/16/2012 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	0.15	U	0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
4-Bromofluorobenzene	106		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Client Sample ID: WG-17338-1011120MW-10-MM-255

Lab Sample ID: 460-45869-2

Date Sampled: 10/11/2012 1110

Client Matrix: Water

Date Received: 10/12/2012 1900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-132491	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-132326	Lab File ID:	10172012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/17/2012 2048			Final Weight/Volume:	100 mL
Prep Date:	10/17/2012 0909				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Lead	4.0	U	4.0	5.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-132258	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-132179	Lab File ID:	10162012B.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/16/2012 2355			Final Weight/Volume:	100 mL
Prep Date:	10/16/2012 1109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Lead	4.0	U	4.0	5.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Client Sample ID: WG-17338-1011120MW-15-MM-256

Lab Sample ID: 460-45869-3

Date Sampled: 10/11/2012 1330

Client Matrix: Water

Date Received: 10/12/2012 1900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-132491	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-132326	Lab File ID:	10172012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/17/2012 2052			Final Weight/Volume:	100 mL
Prep Date:	10/17/2012 0909				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Lead	4.0	U	4.0	5.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-132258	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-132179	Lab File ID:	10162012B.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/16/2012 2359			Final Weight/Volume:	100 mL
Prep Date:	10/16/2012 1109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Lead	4.0	U	4.0	5.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Client Sample ID: WG-17338-1011120MW-105-MM-257

Lab Sample ID: 460-45869-4

Date Sampled: 10/11/2012 1450

Client Matrix: Water

Date Received: 10/12/2012 1900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-132491	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-132326	Lab File ID:	10172012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/17/2012 2055			Final Weight/Volume:	100 mL
Prep Date:	10/17/2012 0909				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	13.9	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	5.7		3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	138000		821	5000
Potassium	6210		525	5000
Barium	84.6	J	5.9	200
Calcium	64900		305	5000
Iron	73.6	U	73.6	150
Vanadium	10.6	J	4.0	50.0
Magnesium	321	U	321	5000
Aluminum	335		72.1	200
Manganese	4.3	U	4.3	15.0
Cobalt	4.3	U	4.3	50.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-132258	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-132179	Lab File ID:	10162012B.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/17/2012 0003			Final Weight/Volume:	100 mL
Prep Date:	10/16/2012 1109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	13.0	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	5.7		3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	140000		821	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Client Sample ID: WG-17338-1011120MW-105-MM-257

Lab Sample ID: 460-45869-4

Date Sampled: 10/11/2012 1450

Client Matrix: Water

Date Received: 10/12/2012 1900

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	6410		525	5000
Barium	67.2	J	5.9	200
Calcium	37900		305	5000
Iron	73.6	U	73.6	150
Vanadium	10.4	J	4.0	50.0
Magnesium	321	U	321	5000
Aluminum	244		72.1	200
Manganese	4.3	U	4.3	15.0
Cobalt	4.3	U	4.3	50.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-132114	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-132095	Lab File ID:	132095HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 2141			Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-132081	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-132033	Lab File ID:	132028hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 1525			Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Surrogate Recovery Report**8260B Volatile Organics (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-45869-1	WG-17338-1011120M W-11-MM-254	107	104	110
460-45869-5	TB-1738-101112 258	107	103	106
MB 460-132272/4		108	104	109
LCS 460-132272/3		103	102	106
460-45869-1 MS	WG-17338-1011120M W-11-MM-254 MS	105	104	110
460-45869-1 MSD	WG-17338-1011120M W-11-MM-254 MSD	105	104	112

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Method Blank - Batch: 460-132272

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-132272/4	Analysis Batch:	460-132272	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09122.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/16/2012 1957	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/16/2012 1957				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Toluene	0.15	U	0.15	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	108	70 - 130		
4-Bromofluorobenzene	109	70 - 130		
Toluene-d8 (Surr)	104	70 - 130		

Lab Control Sample - Batch: 460-132272

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-132272/3	Analysis Batch:	460-132272	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09119.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/16/2012 1826	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/16/2012 1826				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	20.1	100	80 - 120	
Surrogate	% Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	103	70 - 130			
4-Bromofluorobenzene	106	70 - 130			
Toluene-d8 (Surr)	102	70 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-132272**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	460-45869-1	Analysis Batch:	460-132272	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09127.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/16/2012 2213			Final Weight/Volume:	5 mL
Prep Date:	10/16/2012 2213				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45869-1	Analysis Batch:	460-132272	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09128.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/16/2012 2237			Final Weight/Volume:	5 mL
Prep Date:	10/16/2012 2237				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	105	107	80 - 120	1	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	105		105	70 - 130			
4-Bromofluorobenzene	110		112	70 - 130			
Toluene-d8 (Surr)	104		104	70 - 130			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-132272**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	460-45869-1	Units:	ug/L	MSD Lab Sample ID:	460-45869-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	10/16/2012 2213			Analysis Date:	10/16/2012 2237
Prep Date:	10/16/2012 2213			Prep Date:	10/16/2012 2237
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Toluene	37	100	100	144	145

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Method Blank - Batch: 460-132179

Lab Sample ID: MB 460-132174/1-B
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/16/2012 2352
 Prep Date: 10/16/2012 1109
 Leach Date: N/A

Analysis Batch: 460-132258
 Prep Batch: 460-132179
 Leach Batch: N/A
 Units: ug/L

Method: 6010B Preparation: 3010A Dissolved

Instrument ID: ICP5
 Lab File ID: 10162012B.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.20	J	5.2	10.0
Nickel	5.0	U	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	821	U	821	5000
Potassium	525	U	525	5000
Barium	5.9	U	5.9	200
Calcium	305	U	305	5000
Iron	73.6	U	73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	321	U	321	5000
Aluminum	72.1	U	72.1	200
Manganese	4.3	U	4.3	15.0
Cobalt	4.3	U	4.3	50.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Lab Control Sample - Batch: 460-132179

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-132179/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/16/2012 2341
 Prep Date: 10/16/2012 1109
 Leach Date: N/A

Analysis Batch: 460-132258
 Prep Batch: 460-132179
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP5
 Lab File ID: 10162012B.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	50.0	50.96	102	80 - 120	
Antimony	500	453.4	91	80 - 120	
Beryllium	50.0	48.22	96	80 - 120	
Thallium	2000	2193	110	80 - 120	
Nickel	500	495.4	99	80 - 120	
Silver	50.0	45.93	92	80 - 120	
Arsenic	2000	1848	92	80 - 120	
Copper	250	242.0	97	80 - 120	
Lead	500	518.2	104	80 - 120	
Zinc	500	494.9	99	80 - 120	
Selenium	2000	1844	92	80 - 120	
Chromium	200	194.3	97	80 - 120	
Sodium	20000	21180	106	80 - 120	
Potassium	20000	20440	102	80 - 120	
Barium	2000	2019	101	80 - 120	
Calcium	20000	21380	107	80 - 120	
Iron	1000	1026	103	80 - 120	
Vanadium	500	485.5	97	80 - 120	
Magnesium	20000	19580	98	80 - 120	
Aluminum	2000	1926	96	80 - 120	
Manganese	500	512.7	103	80 - 120	
Cobalt	500	495.9	99	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Matrix Spike - Batch: 460-132179

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-45701-H-2-D MS	Analysis Batch:	460-132258	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-132179	Lab File ID:	10162012B.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/16/2012 2323	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/16/2012 1109				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	49.56	99	75 - 125	
Antimony	7.4	U	500	459.8	92	75 - 125	
Beryllium	0.78	U	50.0	48.02	96	75 - 125	
Thallium	5.2	U	2000	2082	104	75 - 125	
Nickel	5.0	U	500	480.9	96	75 - 125	
Silver	1.3	U	50.0	46.41	93	75 - 125	
Arsenic	3.7	U	2000	1890	95	75 - 125	
Copper	7.8	U	250	238.9	96	75 - 125	
Lead	4.0	U	500	500.0	100	75 - 125	
Zinc	6.9	J	500	485.7	96	75 - 125	
Selenium	10.8		2000	1876	93	75 - 125	
Chromium	4.5	U	200	192.1	96	75 - 125	
Sodium	44600		20000	64320	99	75 - 125	
Potassium	1460	J	20000	21850	102	75 - 125	
Barium	313		2000	2288	99	75 - 125	
Calcium	159000		20000	173900	77	75 - 125	4
Iron	73.6	U	1000	980.1	98	75 - 125	
Vanadium	4.0	U	500	482.8	97	75 - 125	
Magnesium	33800		20000	52350	93	75 - 125	
Aluminum	72.1	U	2000	1975	99	75 - 125	
Manganese	4.3	U	500	504.3	101	75 - 125	
Cobalt	4.3	U	500	480.5	96	75 - 125	

Post Digestion Spike - Batch: 460-132179

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-45701-H-2-B PDS	Analysis Batch:	460-132258	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-132179	Lab File ID:	10162012B.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/16/2012 2326	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/16/2012 1109				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	49.10	98	75 - 125	
Antimony	7.4	U	500	452.7	91	75 - 125	
Beryllium	0.78	U	50.0	47.36	95	75 - 125	
Thallium	5.2	U	2000	2063	103	75 - 125	
Nickel	5.0	U	500	473.4	95	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Post Digestion Spike - Batch: 460-132179

Method: 6010B

Preparation: 3010A

Dissolved

Lab Sample ID: 460-45701-H-2-B PDS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/16/2012 2326
Prep Date: 10/16/2012 1109
Leach Date: N/A

Analysis Batch: 460-132258
Prep Batch: 460-132179
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10162012B.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.3	U	50.0	46.98	94	75 - 125	
Arsenic	3.7	U	2000	1867	93	75 - 125	
Copper	7.8	U	250	237.2	95	75 - 125	
Lead	4.0	U	500	494.0	99	75 - 125	
Zinc	6.9	J	500	479.1	94	75 - 125	
Selenium	10.8		2000	1859	92	75 - 125	
Chromium	4.5	U	200	186.8	93	75 - 125	
Sodium	44600		20000	64260	98	75 - 125	
Potassium	1460	J	20000	21580	101	75 - 125	
Barium	313		2000	2261	97	75 - 125	
Calcium	159000		20000	174100	78	75 - 125	
Iron	73.6	U	1000	981.1	98	75 - 125	
Vanadium	4.0	U	500	476.1	95	75 - 125	
Magnesium	33800		20000	52180	92	75 - 125	
Aluminum	72.1	U	2000	1942	97	75 - 125	
Manganese	4.3	U	500	497.8	100	75 - 125	
Cobalt	4.3	U	500	474.6	95	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Duplicate - Batch: 460-132179

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID: 460-45701-H-2-C DU
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/16/2012 2312
Prep Date: 10/16/2012 1109
Leach Date: N/A

Analysis Batch: 460-132258
Prep Batch: 460-132179
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10162012B.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.82	U	0.82	NC	20	U
Antimony	7.4	U	7.4	NC	20	U
Beryllium	0.78	U	0.78	NC	20	U
Thallium	5.2	U	5.2	NC	20	U
Nickel	5.0	U	5.0	NC	20	U
Silver	1.3	U	1.3	NC	20	U
Arsenic	3.7	U	3.7	NC	20	U
Copper	7.8	U	7.8	NC	20	U
Lead	4.0	U	4.0	NC	20	U
Zinc	6.9	J	7.32	6	20	J
Selenium	10.8		9.59	12	20	J
Chromium	4.5	U	4.5	NC	20	U
Sodium	44600		44070	1	20	
Potassium	1460	J	1435	2	20	J
Barium	313		309.1	1	20	
Calcium	159000		156700	1	20	
Iron	73.6	U	73.6	NC	20	U
Vanadium	4.0	U	4.0	NC	20	U
Magnesium	33800		33370	1	20	
Aluminum	72.1	U	72.1	NC	20	U
Manganese	4.3	U	4.3	NC	20	U
Cobalt	4.3	U	4.3	NC	20	U

Serial Dilution - Batch: 460-132179

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID: 460-45701-H-2-B SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 10/16/2012 2319
Prep Date: 10/16/2012 1109
Leach Date: N/A

Analysis Batch: 460-132258
Prep Batch: 460-132179
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10162012B.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cadmium	0.82	U	4.1	NC	10	U
Antimony	7.4	U	36.8	NC	10	U
Beryllium	0.78	U	3.9	NC	10	U
Thallium	5.2	U	26.2	NC	10	U
Nickel	5.0	U	24.9	NC	10	U
Silver	1.3	U	6.7	NC	10	U
Arsenic	3.7	U	18.6	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Serial Dilution - Batch: 460-132179

Method: 6010B Preparation: 3010A Dissolved

Lab Sample ID: 460-45701-H-2-B SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 10/16/2012 2319
Prep Date: 10/16/2012 1109
Leach Date: N/A

Analysis Batch: 460-132258
Prep Batch: 460-132179
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10162012B.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Copper	7.8	U	39.2	NC	10	U
Lead	4.0	U	20.1	NC	10	U
Zinc	6.9	J	29.2	NC	10	U
Selenium	10.8		28.8	NC	10	U
Chromium	4.5	U	22.3	NC	10	U
Sodium	44600		44600	0.00	10	
Potassium	1460	J	2620	NC	10	U
Barium	313		311.5	0.53	10	J
Calcium	159000		162500	2.5	10	
Iron	73.6	U	368	NC	10	U
Vanadium	4.0	U	20.2	NC	10	U
Magnesium	33800		34370	1.6	10	
Aluminum	72.1	U	361	NC	10	U
Manganese	4.3	U	21.5	NC	10	U
Cobalt	4.3	U	21.4	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Method Blank - Batch: 460-132326

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-132326/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/17/2012 2023
Prep Date: 10/17/2012 0909
Leach Date: N/A

Analysis Batch: 460-132491
Prep Batch: 460-132326
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10172012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	5.0	U	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	821	U	821	5000
Potassium	525	U	525	5000
Barium	5.9	U	5.9	200
Calcium	305	U	305	5000
Iron	73.6	U	73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	321	U	321	5000
Aluminum	72.1	U	72.1	200
Manganese	4.3	U	4.3	15.0
Cobalt	4.3	U	4.3	50.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Lab Control Sample - Batch: 460-132326

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-132326/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/17/2012 2027
Prep Date: 10/17/2012 0909
Leach Date: N/A

Analysis Batch: 460-132491
Prep Batch: 460-132326
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10172012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	50.0	48.72	97	80 - 120	
Antimony	500	447.4	89	80 - 120	
Beryllium	50.0	47.04	94	80 - 120	
Thallium	2000	2096	105	80 - 120	
Nickel	500	492.5	99	80 - 120	
Silver	50.0	45.38	91	80 - 120	
Arsenic	2000	1807	90	80 - 120	
Copper	250	233.1	93	80 - 120	
Lead	500	501.0	100	80 - 120	
Zinc	500	478.6	96	80 - 120	
Selenium	2000	1781	89	80 - 120	
Chromium	200	190.9	95	80 - 120	
Sodium	20000	19780	99	80 - 120	
Potassium	20000	19170	96	80 - 120	
Barium	2000	1976	99	80 - 120	
Calcium	20000	20210	101	80 - 120	
Iron	1000	969.1	97	80 - 120	
Vanadium	500	470.0	94	80 - 120	
Magnesium	20000	19020	95	80 - 120	
Aluminum	2000	1903	95	80 - 120	
Manganese	500	492.3	98	80 - 120	
Cobalt	500	484.0	97	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Matrix Spike - Batch: 460-132326

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-45769-A-15-D MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/17/2012 2041
Prep Date: 10/17/2012 0909
Leach Date: N/A

Analysis Batch: 460-132491
Prep Batch: 460-132326
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10172012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	48.39	97	75 - 125	
Antimony	7.4	U	500	447.9	90	75 - 125	
Beryllium	0.78	U	50.0	47.47	95	75 - 125	
Thallium	5.2	U	2000	2045	102	75 - 125	
Nickel	5.5	J	500	492.0	97	75 - 125	
Silver	1.3	U	50.0	45.31	91	75 - 125	
Arsenic	3.7	U	2000	1823	91	75 - 125	
Copper	7.8	U	250	233.0	93	75 - 125	
Lead	4.0	U	500	492.8	99	75 - 125	
Zinc	5.8	U	500	479.6	96	75 - 125	
Selenium	5.8	U	2000	1790	90	75 - 125	
Chromium	5.9	J	200	197.1	96	75 - 125	
Sodium	29300		20000	48660	97	75 - 125	
Potassium	1700	J	20000	20790	95	75 - 125	
Barium	83.5	J	2000	2044	98	75 - 125	
Calcium	18900		20000	38830	100	75 - 125	
Iron	73.6	U	1000	1022	102	75 - 125	
Vanadium	4.0	U	500	471.1	94	75 - 125	
Magnesium	4130	J	20000	23040	95	75 - 125	
Aluminum	72.1	U	2000	1918	96	75 - 125	
Manganese	13.1	J	500	503.6	98	75 - 125	
Cobalt	4.3	U	500	479.5	96	75 - 125	

Post Digestion Spike - Batch: 460-132326

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-45769-A-15-B PDS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/17/2012 2045
Prep Date: 10/17/2012 0909
Leach Date: N/A

Analysis Batch: 460-132491
Prep Batch: 460-132326
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10172012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	47.77	96	75 - 125	
Antimony	7.4	U	500	443.1	89	75 - 125	
Beryllium	0.78	U	50.0	46.38	93	75 - 125	
Thallium	5.2	U	2000	2009	100	75 - 125	
Nickel	5.5	J	500	484.2	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Post Digestion Spike - Batch: 460-132326

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-45769-A-15-B PDS
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/17/2012 2045
 Prep Date: 10/17/2012 0909
 Leach Date: N/A

Analysis Batch: 460-132491
 Prep Batch: 460-132326
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP5
 Lab File ID: 10172012A.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.3	U	50.0	44.00	88	75 - 125	
Arsenic	3.7	U	2000	1800	90	75 - 125	
Copper	7.8	U	250	227.0	91	75 - 125	
Lead	4.0	U	500	483.8	97	75 - 125	
Zinc	5.8	U	500	471.7	94	75 - 125	
Selenium	5.8	U	2000	1767	88	75 - 125	
Chromium	5.9	J	200	192.4	93	75 - 125	
Sodium	29300		20000	48060	94	75 - 125	
Potassium	1700	J	20000	20480	94	75 - 125	
Barium	83.5	J	2000	2008	96	75 - 125	
Calcium	18900		20000	38240	97	75 - 125	
Iron	73.6	U	1000	987.1	99	75 - 125	
Vanadium	4.0	U	500	461.9	92	75 - 125	
Magnesium	4130	J	20000	22560	92	75 - 125	
Aluminum	72.1	U	2000	1872	94	75 - 125	
Manganese	13.1	J	500	492.6	96	75 - 125	
Cobalt	4.3	U	500	470.6	94	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Duplicate - Batch: 460-132326

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-45769-A-15-C DU	Analysis Batch: 460-132491	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-132326	Lab File ID: 10172012A.asc
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 10/17/2012 2030	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 10/17/2012 0909		
Leach Date: N/A		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.82	U	0.82	NC	20	U
Antimony	7.4	U	7.4	NC	20	U
Beryllium	0.78	U	0.78	NC	20	U
Thallium	5.2	U	5.2	NC	20	U
Nickel	5.5	J	5.68	3	20	J
Silver	1.3	U	1.3	NC	20	U
Arsenic	3.7	U	3.7	NC	20	U
Copper	7.8	U	7.8	NC	20	U
Lead	4.0	U	4.0	NC	20	U
Zinc	5.8	U	5.8	NC	20	U
Selenium	5.8	U	5.8	NC	20	U
Chromium	5.9	J	5.83	2	20	J
Sodium	29300		28920	1	20	
Potassium	1700	J	1687	0.5	20	J
Barium	83.5	J	82.26	2	20	J
Calcium	18900		18550	2	20	
Iron	73.6	U	73.6	NC	20	U
Vanadium	4.0	U	4.0	NC	20	U
Magnesium	4130	J	4079	1	20	J
Aluminum	72.1	U	72.1	NC	20	U
Manganese	13.1	J	13.04	0.2	20	J
Cobalt	4.3	U	4.3	NC	20	U

Serial Dilution - Batch: 460-132326

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-45769-A-15-B SD ^5	Analysis Batch: 460-132491	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-132326	Lab File ID: 10172012A.asc
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 10/17/2012 2038	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 10/17/2012 0909		
Leach Date: N/A		

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cadmium	0.82	U	4.1	NC	10	U
Antimony	7.4	U	36.8	NC	10	U
Beryllium	0.78	U	3.9	NC	10	U
Thallium	5.2	U	26.2	NC	10	U
Nickel	5.5	J	24.9	NC	10	U
Silver	1.3	U	6.7	NC	10	U
Arsenic	3.7	U	18.6	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Serial Dilution - Batch: 460-132326

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-45769-A-15-B SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 10/17/2012 2038
Prep Date: 10/17/2012 0909
Leach Date: N/A

Analysis Batch: 460-132491
Prep Batch: 460-132326
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10172012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Copper	7.8	U	39.2	NC	10	U
Lead	4.0	U	20.1	NC	10	U
Zinc	5.8	U	29.2	NC	10	U
Selenium	5.8	U	28.8	NC	10	U
Chromium	5.9	J	22.3	NC	10	U
Sodium	29300		29190	NC	10	
Potassium	1700	J	2620	NC	10	U
Barium	83.5	J	82.30	NC	10	J
Calcium	18900		18720	0.69	10	J
Iron	73.6	U	368	NC	10	U
Vanadium	4.0	U	20.2	NC	10	U
Magnesium	4130	J	4189	NC	10	J
Aluminum	72.1	U	361	NC	10	U
Manganese	13.1	J	21.5	NC	10	U
Cobalt	4.3	U	21.4	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Method Blank - Batch: 460-132033

Lab Sample ID: MB 460-132027/1-C
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/15/2012 1521
Prep Date: 10/15/2012 1115
Leach Date: N/A

Analysis Batch: 460-132081
Prep Batch: 460-132033
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A Dissolved

Instrument ID: LEEMAN3
Lab File ID: 132028hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-132033

Lab Sample ID: LCS 460-132033/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/15/2012 1523
Prep Date: 10/15/2012 1115
Leach Date: N/A

Analysis Batch: 460-132081
Prep Batch: 460-132033
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A

Instrument ID: LEEMAN3
Lab File ID: 132028hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.884	88	80 - 120	

Matrix Spike - Batch: 460-132033

Lab Sample ID: 460-45869-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/15/2012 1529
Prep Date: 10/15/2012 1115
Leach Date: N/A

Analysis Batch: 460-132081
Prep Batch: 460-132033
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A Dissolved

Instrument ID: LEEMAN3
Lab File ID: 132028hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16 U	1.00	0.881	88	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Duplicate - Batch: 460-132033

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-45869-4	Analysis Batch:	460-132081	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-132033	Lab File ID:	132028hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 1527	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1115				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.16 U	0.16	NC	20	U

Serial Dilution - Batch: 460-132033

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-45869-4	Analysis Batch:	460-132081	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-132033	Lab File ID:	132028hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 1531	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1115				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.16 U	0.80	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Method Blank - Batch: 460-132095

Method: 7470A Preparation: 7470A

Lab Sample ID:	MB 460-132095/11-A	Analysis Batch:	460-132114	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-132095	Lab File ID:	132095HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 2050	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1700				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-132095

Method: 7470A Preparation: 7470A

Lab Sample ID:	LCS 460-132095/12-A	Analysis Batch:	460-132114	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-132095	Lab File ID:	132095HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 2052	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1700				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.00	2.02	101	80 - 120	

Matrix Spike - Batch: 460-132095

Method: 7470A Preparation: 7470A

Lab Sample ID:	460-45906-I-1-C MS	Analysis Batch:	460-132114	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-132095	Lab File ID:	132095HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 2057	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16 U	2.00	1.99	100	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Duplicate - Batch: 460-132095

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-45906-I-1-B DU	Analysis Batch:	460-132114	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-132095	Lab File ID:	132095HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 2056	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.16 U	0.16	NC	20	U

Serial Dilution - Batch: 460-132095

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-45906-I-1-A SD ^5	Analysis Batch:	460-132114	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-132095	Lab File ID:	132095HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/15/2012 2146	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/15/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.16 U	0.80	NC	10	U

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
Metals	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-132272					
LCS 460-132272/3	Lab Control Sample	T	Water	8260B	
MB 460-132272/4	Method Blank	T	Water	8260B	
460-45869-1	WG-17338-1011120MW-11-MM-254	T	Water	8260B	
460-45869-1MS	Matrix Spike	T	Water	8260B	
460-45869-1MSD	Matrix Spike Duplicate	T	Water	8260B	
460-45869-5	TB-1738-101112 258	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-132033					
LCS 460-132033/2-A	Lab Control Sample	T	Water	7470A	
MB 460-132027/1-C	Method Blank	D	Water	7470A	
460-45869-4	WG-17338-1011120MW-105-MM-257	D	Water	7470A	
460-45869-4DU	Duplicate	D	Water	7470A	
460-45869-4MS	Matrix Spike	D	Water	7470A	
Analysis Batch:460-132081					
LCS 460-132033/2-A	Lab Control Sample	T	Water	7470A	460-132033
MB 460-132027/1-C	Method Blank	D	Water	7470A	460-132033
460-45869-4	WG-17338-1011120MW-105-MM-257	D	Water	7470A	460-132033
460-45869-4DU	Duplicate	D	Water	7470A	460-132033
460-45869-4MS	Matrix Spike	D	Water	7470A	460-132033
Prep Batch: 460-132095					
LCS 460-132095/12-A	Lab Control Sample	T	Water	7470A	
MB 460-132095/11-A	Method Blank	T	Water	7470A	
460-45869-4	WG-17338-1011120MW-105-MM-257	T	Water	7470A	
460-45906-I-1-B DU	Duplicate	T	Water	7470A	
460-45906-I-1-C MS	Matrix Spike	T	Water	7470A	
Analysis Batch:460-132114					
LCS 460-132095/12-A	Lab Control Sample	T	Water	7470A	460-132095
MB 460-132095/11-A	Method Blank	T	Water	7470A	460-132095
460-45869-4	WG-17338-1011120MW-105-MM-257	T	Water	7470A	460-132095
460-45906-I-1-B DU	Duplicate	T	Water	7470A	460-132095
460-45906-I-1-C MS	Matrix Spike	T	Water	7470A	460-132095
Prep Batch: 460-132179					
LCS 460-132179/2-A	Lab Control Sample	T	Water	3010A	
MB 460-132174/1-B	Method Blank	D	Water	3010A	
460-45701-H-2-C DU	Duplicate	D	Water	3010A	
460-45701-H-2-D MS	Matrix Spike	D	Water	3010A	
460-45869-2	WG-17338-1011120MW-10-MM-255	D	Water	3010A	
460-45869-3	WG-17338-1011120MW-15-MM-256	D	Water	3010A	
460-45869-4	WG-17338-1011120MW-105-MM-257	D	Water	3010A	
Analysis Batch:460-132258					
LCS 460-132179/2-A	Lab Control Sample	T	Water	6010B	460-132179
MB 460-132174/1-B	Method Blank	D	Water	6010B	460-132179
460-45701-H-2-C DU	Duplicate	D	Water	6010B	460-132179
460-45701-H-2-D MS	Matrix Spike	D	Water	6010B	460-132179
460-45869-2	WG-17338-1011120MW-10-MM-255	D	Water	6010B	460-132179
460-45869-3	WG-17338-1011120MW-15-MM-256	D	Water	6010B	460-132179
460-45869-4	WG-17338-1011120MW-105-MM-257	D	Water	6010B	460-132179

TestAmerica Edison

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-132326					
LCS 460-132326/2-A	Lab Control Sample	T	Water	3010A	
MB 460-132326/1-A	Method Blank	T	Water	3010A	
460-45769-A-15-C DU	Duplicate	T	Water	3010A	
460-45769-A-15-D MS	Matrix Spike	T	Water	3010A	
460-45869-2	WG-17338-1011120MW-10-MM-255	T	Water	3010A	
460-45869-3	WG-17338-1011120MW-15-MM-256	T	Water	3010A	
460-45869-4	WG-17338-1011120MW-105-MM-257	T	Water	3010A	
Analysis Batch: 460-132491					
LCS 460-132326/2-A	Lab Control Sample	T	Water	6010B	460-132326
MB 460-132326/1-A	Method Blank	T	Water	6010B	460-132326
460-45769-A-15-C DU	Duplicate	T	Water	6010B	460-132326
460-45769-A-15-D MS	Matrix Spike	T	Water	6010B	460-132326
460-45869-2	WG-17338-1011120MW-10-MM-255	T	Water	6010B	460-132326
460-45869-3	WG-17338-1011120MW-15-MM-256	T	Water	6010B	460-132326
460-45869-4	WG-17338-1011120MW-105-MM-257	T	Water	6010B	460-132326

Report Basis

D = Dissolved

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Laboratory Chronicle

Lab ID: 460-45869-1

Client ID: WG-17338-1011120MW-11-MM-254

Sample Date/Time: 10/11/2012 09:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45869-A-1		460-132272		10/16/2012 21:50	1	TAL EDI	EM
A:8260B	460-45869-A-1		460-132272		10/16/2012 21:50	1	TAL EDI	EM

Lab ID: 460-45869-1 MS

Client ID: WG-17338-1011120MW-11-MM-254

Sample Date/Time: 10/11/2012 09:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45869-A-1 MS		460-132272		10/16/2012 22:13	5	TAL EDI	EM
A:8260B	460-45869-A-1 MS		460-132272		10/16/2012 22:13	5	TAL EDI	EM

Lab ID: 460-45869-1 MSD

Client ID: WG-17338-1011120MW-11-MM-254

Sample Date/Time: 10/11/2012 09:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45869-A-1 MSD		460-132272		10/16/2012 22:37	5	TAL EDI	EM
A:8260B	460-45869-A-1 MSD		460-132272		10/16/2012 22:37	5	TAL EDI	EM

Lab ID: 460-45869-2

Client ID: WG-17338-1011120MW-10-MM-255

Sample Date/Time: 10/11/2012 11:10

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-45869-A-2-B		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	460-45869-A-2-B		460-132258	460-132179	10/16/2012 23:55	1	TAL EDI	CDC
P:3010A	460-45869-B-2-A		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	460-45869-B-2-A		460-132491	460-132326	10/17/2012 20:48	1	TAL EDI	CDC

Lab ID: 460-45869-3

Client ID: WG-17338-1011120MW-15-MM-256

Sample Date/Time: 10/11/2012 13:30

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-45869-A-3-B		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	460-45869-A-3-B		460-132258	460-132179	10/16/2012 23:59	1	TAL EDI	CDC
P:3010A	460-45869-B-3-A		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	460-45869-B-3-A		460-132491	460-132326	10/17/2012 20:52	1	TAL EDI	CDC

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Laboratory Chronicle

Lab ID: 460-45869-4

Client ID: WG-17338-1011120MW-105-MM-257

Sample Date/Time: 10/11/2012 14:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-45869-A-4-F		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	460-45869-A-4-F		460-132258	460-132179	10/17/2012 00:03	1	TAL EDI	CDC
P:3010A	460-45869-B-4-B		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	460-45869-B-4-B		460-132491	460-132326	10/17/2012 20:55	1	TAL EDI	CDC
P:7470A	460-45869-A-4-B		460-132081	460-132033	10/15/2012 11:15	1	TAL EDI	RBS
A:7470A	460-45869-A-4-B		460-132081	460-132033	10/15/2012 15:25	1	TAL EDI	RBS
P:7470A	460-45869-B-4-A		460-132114	460-132095	10/15/2012 17:00	1	TAL EDI	TS
A:7470A	460-45869-B-4-A		460-132114	460-132095	10/15/2012 21:41	1	TAL EDI	TS

Lab ID: 460-45869-4 MS

Client ID: WG-17338-1011120MW-105-MM-257

Sample Date/Time: 10/11/2012 14:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-45869-A-4-D MS		460-132081	460-132033	10/15/2012 11:15	1	TAL EDI	RBS
A:7470A	460-45869-A-4-D MS		460-132081	460-132033	10/15/2012 15:29	1	TAL EDI	RBS

Lab ID: 460-45869-4 DU

Client ID: WG-17338-1011120MW-105-MM-257

Sample Date/Time: 10/11/2012 14:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-45869-A-4-C DU		460-132081	460-132033	10/15/2012 11:15	1	TAL EDI	RBS
A:7470A	460-45869-A-4-C DU		460-132081	460-132033	10/15/2012 15:27	1	TAL EDI	RBS

Lab ID: 460-45869-4 SD

Client ID: WG-17338-1011120MW-105-MM-257

Sample Date/Time: 10/11/2012 14:50

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-45869-A-4-B SD ^5		460-132081	460-132033	10/15/2012 11:15	5	TAL EDI	RBS
A:7470A	460-45869-A-4-B SD ^5		460-132081	460-132033	10/15/2012 15:31	5	TAL EDI	RBS

Lab ID: 460-45869-5

Client ID: TB-1738-101112 258

Sample Date/Time: 10/11/2012 00:00

Received Date/Time: 10/12/2012 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45869-A-5		460-132272		10/16/2012 20:49	1	TAL EDI	EM
A:8260B	460-45869-A-5		460-132272		10/16/2012 20:49	1	TAL EDI	EM

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-132272/4		460-132272		10/16/2012 19:57	1	TAL EDI	EM
A:8260B	MB 460-132272/4		460-132272		10/16/2012 19:57	1	TAL EDI	EM
P:3010A	MB 460-132174/1-B		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	MB 460-132174/1-B		460-132258	460-132179	10/16/2012 23:52	1	TAL EDI	CDC
P:3010A	MB 460-132326/1-A		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	MB 460-132326/1-A		460-132491	460-132326	10/17/2012 20:23	1	TAL EDI	CDC
P:7470A	MB 460-132027/1-C		460-132081	460-132033	10/15/2012 11:15	1	TAL EDI	RBS
A:7470A	MB 460-132027/1-C		460-132081	460-132033	10/15/2012 15:21	1	TAL EDI	RBS
P:7470A	MB 460-132095/11-A		460-132114	460-132095	10/15/2012 17:00	1	TAL EDI	TS
A:7470A	MB 460-132095/11-A		460-132114	460-132095	10/15/2012 20:50	1	TAL EDI	TS

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-132272/3		460-132272		10/16/2012 18:26	1	TAL EDI	EM
A:8260B	LCS 460-132272/3		460-132272		10/16/2012 18:26	1	TAL EDI	EM
P:3010A	LCS 460-132179/2-A		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	LCS 460-132179/2-A		460-132258	460-132179	10/16/2012 23:41	1	TAL EDI	CDC
P:3010A	LCS 460-132326/2-A		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	LCS 460-132326/2-A		460-132491	460-132326	10/17/2012 20:27	1	TAL EDI	CDC
P:7470A	LCS 460-132033/2-A		460-132081	460-132033	10/15/2012 11:15	1	TAL EDI	RBS
A:7470A	LCS 460-132033/2-A		460-132081	460-132033	10/15/2012 15:23	1	TAL EDI	RBS
P:7470A	LCS 460-132095/12-A		460-132114	460-132095	10/15/2012 17:00	1	TAL EDI	TS
A:7470A	LCS 460-132095/12-A		460-132114	460-132095	10/15/2012 20:52	1	TAL EDI	TS

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-45701-H-2-D MS		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	460-45701-H-2-D MS		460-132258	460-132179	10/16/2012 23:23	1	TAL EDI	CDC
P:3010A	460-45769-A-15-D MS		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	460-45769-A-15-D MS		460-132491	460-132326	10/17/2012 20:41	1	TAL EDI	CDC
P:7470A	460-45906-I-1-C MS		460-132114	460-132095	10/15/2012 17:00	1	TAL EDI	TS
A:7470A	460-45906-I-1-C MS		460-132114	460-132095	10/15/2012 20:57	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Laboratory Chronicle

Lab ID: DU

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-45701-H-2-C DU		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	460-45701-H-2-C DU		460-132258	460-132179	10/16/2012 23:12	1	TAL EDI	CDC
P:3010A	460-45769-A-15-C DU		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	460-45769-A-15-C DU		460-132491	460-132326	10/17/2012 20:30	1	TAL EDI	CDC
P:7470A	460-45906-I-1-B DU		460-132114	460-132095	10/15/2012 17:00	1	TAL EDI	TS
A:7470A	460-45906-I-1-B DU		460-132114	460-132095	10/15/2012 20:56	1	TAL EDI	TS

Lab ID: SD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-45701-H-2-B SD ^5		460-132258	460-132179	10/16/2012 11:09	5	TAL EDI	QY
A:6010B	460-45701-H-2-B SD ^5		460-132258	460-132179	10/16/2012 23:19	5	TAL EDI	CDC
P:3010A	460-45701-H-2-B PDS		460-132258	460-132179	10/16/2012 11:09	1	TAL EDI	QY
A:6010B	460-45701-H-2-B PDS		460-132258	460-132179	10/16/2012 23:26	1	TAL EDI	CDC
P:3010A	460-45769-A-15-B SD ^5		460-132491	460-132326	10/17/2012 09:09	5	TAL EDI	QY
A:6010B	460-45769-A-15-B SD ^5		460-132491	460-132326	10/17/2012 20:38	5	TAL EDI	CDC
P:3010A	460-45769-A-15-B PDS		460-132491	460-132326	10/17/2012 09:09	1	TAL EDI	QY
A:6010B	460-45769-A-15-B PDS		460-132491	460-132326	10/17/2012 20:45	1	TAL EDI	CDC
P:7470A	460-45906-I-1-A SD ^5		460-132114	460-132095	10/15/2012 17:00	5	TAL EDI	TS
A:7470A	460-45906-I-1-A SD ^5		460-132114	460-132095	10/15/2012 21:46	5	TAL EDI	TS

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method
8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
WG-17338-1011120MW -11-MM-254	460-45869-1	107	104	110
TB-1738-101112 258	460-45869-5	107	103	106
	MB 460-132272/4	108	104	109
	LCS 460-132272/3	103	102	106
WG-17338-1011120MW -11-MM-254 MS	460-45869-1 MS	105	104	110
WG-17338-1011120MW -11-MM-254 MSD	460-45869-1 MSD	105	104	112

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e09119.d
Lab ID: LCS 460-132272/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	20.0	20.1	100	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e09127.d
Lab ID: 460-45869-1 MS Client ID: WG-17338-1011120MW-11-MM-254 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	100	37	144	105	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e09128.d
Lab ID: 460-45869-1 MSD Client ID: WG-17338-1011120MW-11-MM-254

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Toluene	100	145	107	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Lab File ID: e09122.d Lab Sample ID: MB 460-132272/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 10/16/2012 19:57
GC Column: Rtx-VMS ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-132272/3	e09119.d	10/16/2012 18:26
TB-1738-101112 258	460-45869-5	e09124.d	10/16/2012 20:49
WG-17338-1011120MW-11-MM-254	460-45869-1	e09126.d	10/16/2012 21:50
WG-17338-1011120MW-11-MM-254 MS	460-45869-1 MS	e09127.d	10/16/2012 22:13
WG-17338-1011120MW-11-MM-254 MSD	460-45869-1 MSD	e09128.d	10/16/2012 22:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab File ID: e09031.d BFB Injection Date: 10/15/2012
 Instrument ID: VOAMS5 BFB Injection Time: 05:34
 Analysis Batch No.: 132257

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.4
75	30.0 - 60.0 % of mass 95	51.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.9 (1.0) 1
174	50.0 - 120.00 % of mass 95	94.1
175	5.0 - 9.0 % of mass 174	7.3 (7.8) 1
176	95.0 - 101.0 % of mass 174	94.6 (100.5) 1
177	5.0 - 9.0 % of mass 176	6.9 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-132257/2	e09033.d	10/15/2012	06:19
	IC 460-132257/3	e09035.d	10/15/2012	07:06
	ICIS 460-132257/4	e09036.d	10/15/2012	07:29
	IC 460-132257/5	e09037.d	10/15/2012	07:54
	IC 460-132257/6	e09038.d	10/15/2012	08:17
	IC 460-132257/7	e09039.d	10/15/2012	08:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Lab File ID: e09117.d BFB Injection Date: 10/16/2012
Instrument ID: VOAMS5 BFB Injection Time: 17:41
Analysis Batch No.: 132272

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.6
75	30.0 - 60.0 % of mass 95	49.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.7
173	Less than 2.0 % of mass 174	0.3 (0.3) 1
174	50.0 - 120.00 % of mass 95	93.8
175	5.0 - 9.0 % of mass 174	6.5 (6.9) 1
176	95.0 - 101.0 % of mass 174	89.2 (95.1) 1
177	5.0 - 9.0 % of mass 176	6.2 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-132272/2	e09118.d	10/16/2012	18:02
	LCS 460-132272/3	e09119.d	10/16/2012	18:26
	MB 460-132272/4	e09122.d	10/16/2012	19:57
TB-1738-101112 258	460-45869-5	e09124.d	10/16/2012	20:49
WG-17338-1011120MW-11-M M-254	460-45869-1	e09126.d	10/16/2012	21:50
WG-17338-1011120MW-11-M M-254 MS	460-45869-1 MS	e09127.d	10/16/2012	22:13
WG-17338-1011120MW-11-M M-254 MSD	460-45869-1 MSD	e09128.d	10/16/2012	22:37
	CCV 460-132272/21	e09143.d	10/17/2012	04:51

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Sample No.: CCVIS 460-132272/2 Date Analyzed: 10/16/2012 18:02
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e09118.d Heated Purge: (Y/N) N
 Calibration ID: 18143

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1158427	3.59	1066409	6.95	655633	10.47
UPPER LIMIT		2316854	4.09	2132818	7.45	1311266	10.97
LOWER LIMIT		579214	3.09	533205	6.45	327817	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-132272/3		1141076	3.59	1088492	6.95	664933	10.47
MB 460-132272/4		1123902	3.59	1033484	6.95	608342	10.47
460-45869-5	TB-1738-101112 258	1078800	3.59	1009227	6.95	619273	10.47
460-45869-1	WG-17338-1011120MW-11 -MM-254	1121312	3.60	1043736	6.95	622044	10.47
460-45869-1 MS	WG-17338-1011120MW-11 -MM-254 MS	1120692	3.59	1067896	6.95	633994	10.47
460-45869-1 MSD	WG-17338-1011120MW-11 -MM-254 MSD	1135473	3.59	1080400	6.95	631023	10.47
CCV 460-132272/21		1048145	3.59	981863	6.95	581404	10.47

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Client Sample ID: WG-17338-1011120MW-11-MM- Lab Sample ID: 460-45869-1
Matrix: Water Lab File ID: e09126.d
Analysis Method: 8260B Date Collected: 10/11/2012 09:50
Sample wt/vol: 5(mL) Date Analyzed: 10/16/2012 21:50
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 132272 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	37		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	4-Bromofluorobenzene	110		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09126.d
Report Date: 18-Oct-2012 14:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09126.d
Lab Smp Id: 460-45869-A-1 Client Smp ID: WG-17338-1011120MW-
Inj Date : 16-OCT-2012 21:50
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45869-A-1
Misc Info : 460-45869-A-1
Comment :
Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
Meth Date : 18-Oct-2012 14:18 vibha Quant Type: ISTD
Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
28 MTBE	73	2.016	2.016	(0.561)	4646087	269.725	270	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	1481	0.26157	0.26(a)	
44 Cyclohexane	56	2.784	2.784	(0.774)	27918	3.14727	3.1	
48 Benzene	78	3.260	3.260	(0.469)	3498490	150.673	150	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	352162	53.4276	53	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1121312	50.0000		
56 Methyl cyclohexane	83	3.735	3.729	(1.039)	2206	0.28398	0.28(a)	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1180827	52.0869	52	
66 Toluene	91	5.162	5.162	(0.742)	994426	37.4282	37	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1043736	50.0000		
81 Ethylbenzene	106	7.070	7.064	(1.017)	1420364	147.828	150	
82 m+p-Xylene	106	7.314	7.277	(1.052)	17866451	1452.22	1400(A)	
84 o-Xylene	106	7.856	7.862	(1.130)	81492	6.88590	6.9	
88 Isopropylbenzene	105	8.350	8.344	(1.201)	96348	3.24766	3.2(H)	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	499911	55.1268	55	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.465	(1.000)	622044	50.0000		

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09126.d
Report Date: 18-Oct-2012 14:32

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)
M 121 Xylene (Total)	100				17947943	1459.10	1400

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- H - Operator selected an alternate compound hit.

Data File: e09126.d

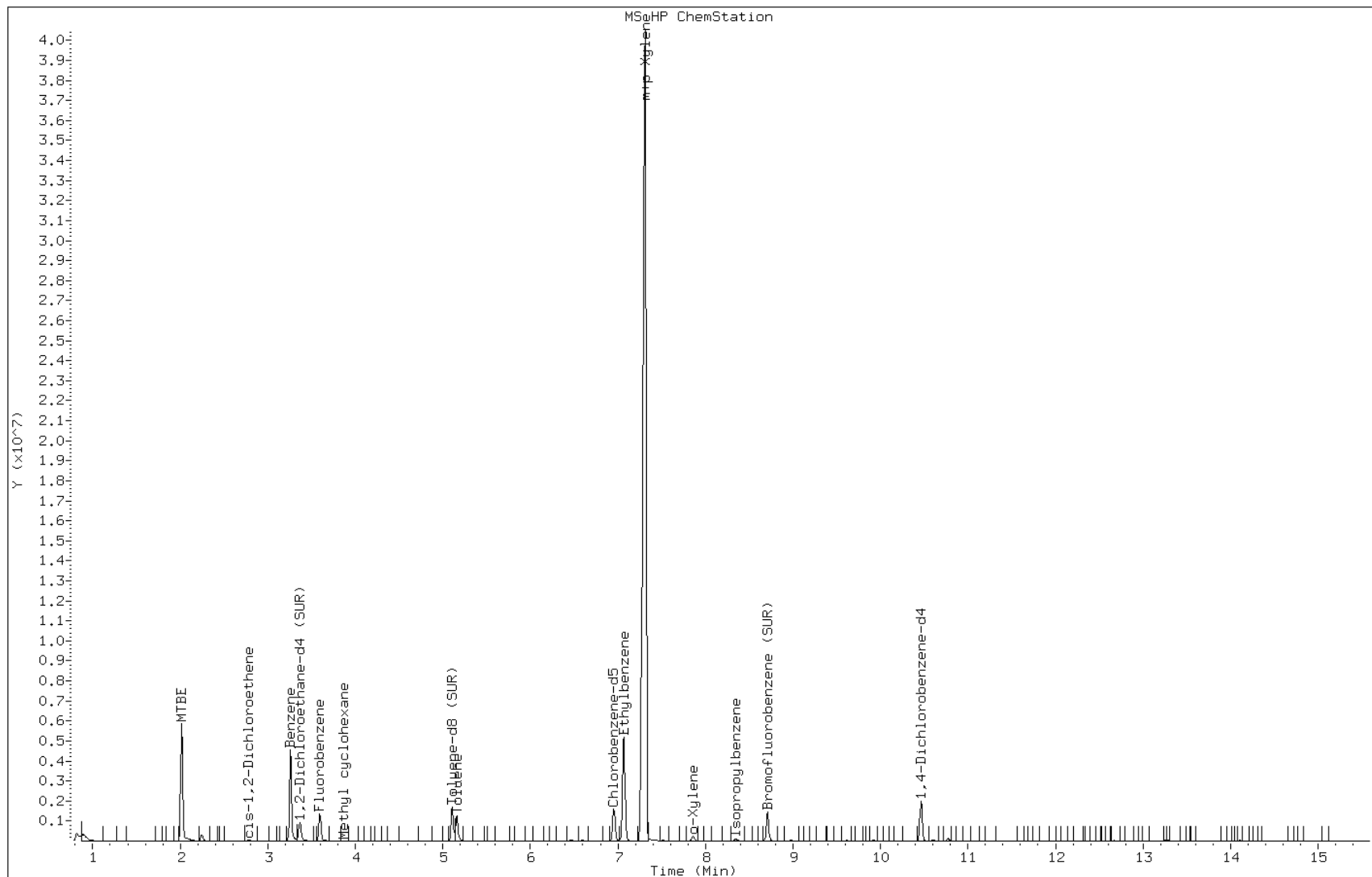
Date: 16-OCT-2012 21:50

Client ID: WG-17338-1011120MW-

Instrument: VOAMS5.i

Sample Info: 460-45869-A-1

Operator: GC/MS VOAMS5



Data File: e09126.d

Date: 16-OCT-2012 21:50

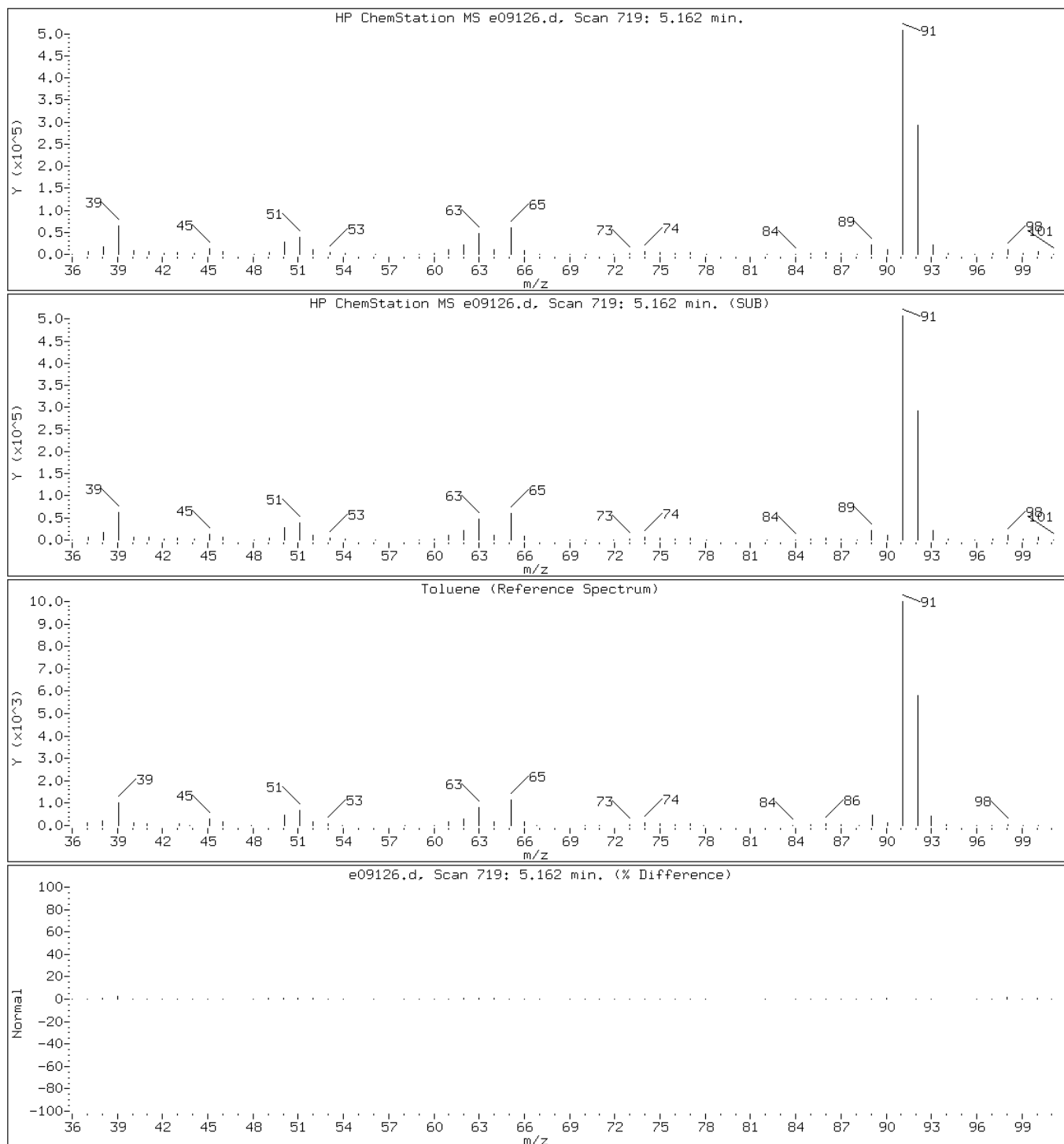
Client ID: WG-17338-1011120MW-

Instrument: VOAMS5.i

Sample Info: 460-45869-A-1

Operator: GC/MS VOAMS5

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Client Sample ID: TB-1738-101112 258 Lab Sample ID: 460-45869-5
Matrix: Water Lab File ID: e09124.d
Analysis Method: 8260B Date Collected: 10/11/2012 00:00
Sample wt/vol: 5(mL) Date Analyzed: 10/16/2012 20:49
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 132272 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.15	U	1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	4-Bromofluorobenzene	106		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09124.d
 Report Date: 17-Oct-2012 10:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09124.d
 Lab Smp Id: 460-45869-A-5 Client Smp ID: TB-1738-101112 258
 Inj Date : 16-OCT-2012 20:49
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45869-A-5
 Misc Info : 460-45869-A-5
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 17-Oct-2012 05:39 audberto Quant Type: ISTD
 Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	49	1.863	1.857	(0.518)	12363	1.56525	1.6
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	339321	53.5081	54
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1078800	50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1124596	51.3027	51
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1009227	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	477339	52.8732	53
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.465	(1.000)	619273	50.0000	

Data File: e09124.d

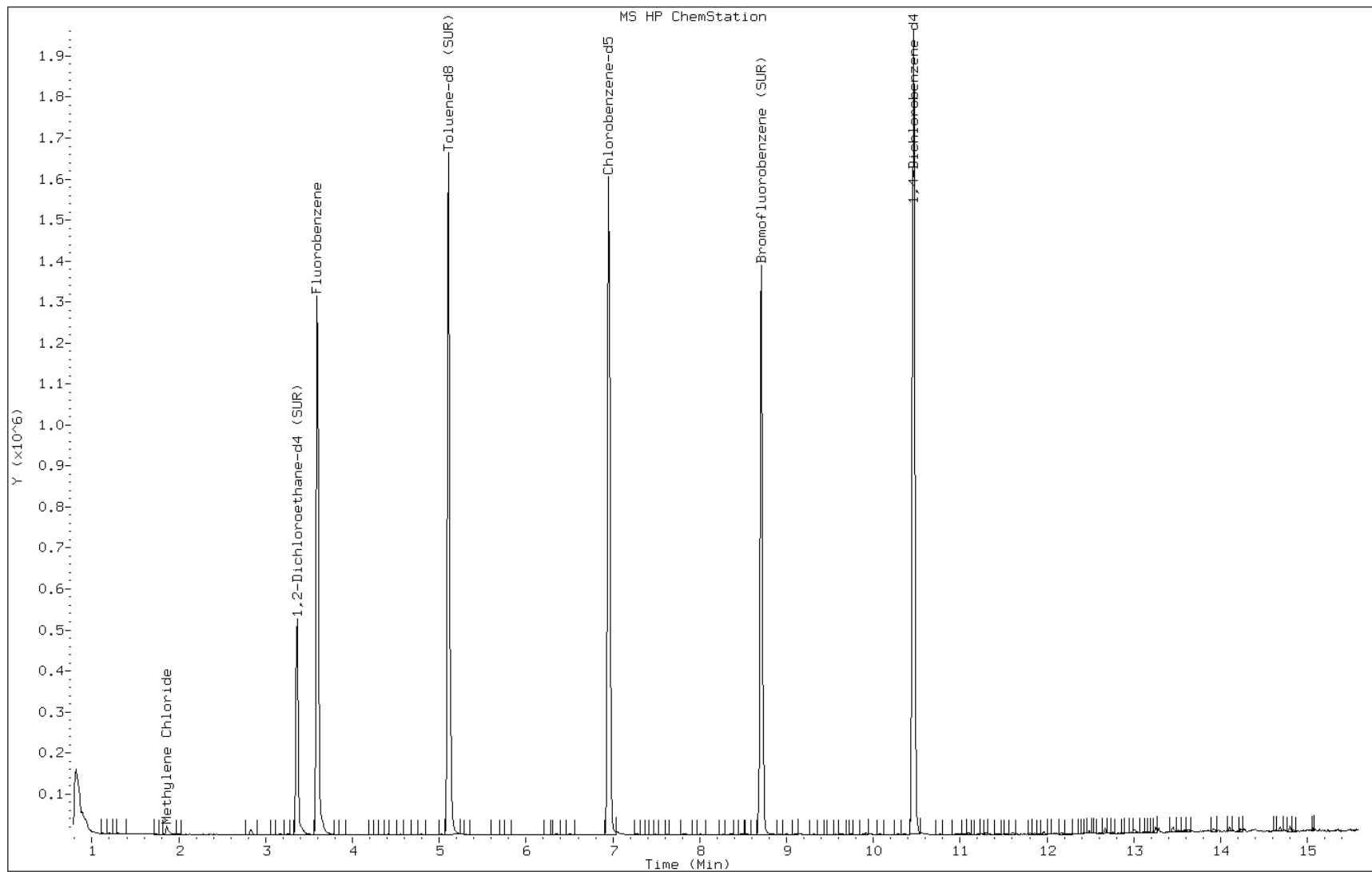
Date: 16-OCT-2012 20:49

Client ID: TB-1738-101112 258

Instrument: VOAMS5.i

Sample Info: 460-45869-A-5

Operator: GC/MS VOAMS5



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45869-1 Analy Batch No.: 132257

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2012 06:19 Calibration End Date: 10/15/2012 08:40 Calibration ID: 18143

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-132257/2	e09033.d
Level 2	IC 460-132257/3	e09035.d
Level 3	ICIS 460-132257/4	e09036.d
Level 4	IC 460-132257/5	e09037.d
Level 5	IC 460-132257/6	e09038.d
Level 6	IC 460-132257/7	e09039.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1768 0.1886	0.1898	0.2147	0.1999	0.2030	Ave		0.1955			0.1000	6.8		30.0			
Chloromethane	0.3879 0.3534	0.3920	0.4061	0.3758	0.3699	Ave		0.3809			0.1000	4.9		30.0			
Vinyl chloride	0.2948 0.2992	0.3056	0.3303	0.3099	0.3119	Ave		0.3086			0.1000	4.0		30.0			
Bromomethane	0.2147 0.1704	0.1974	0.1855	0.1770	0.1814	Ave		0.1877			0.1000	8.5		30.0			
Chloroethane	0.1523 0.1506	0.1484	0.1767	0.1727	0.1756	Ave		0.1627			0.1000	8.3		30.0			
Trichlorofluoromethane	0.3167 0.3000	0.3001	0.3176	0.3329	0.3196	Ave		0.3145			0.1000	4.0		30.0			
1,1-Dichloroethene	0.1517 0.1951	0.1768	0.1851	0.1776	0.1832	Ave		0.1782			0.1000	8.2		30.0			
Carbon disulfide	0.6087 0.7969	0.6571	0.7026	0.7449	0.8164	Ave		0.7211			0.1000	11.2		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1691 0.2405	0.1762	0.2111	0.2205	0.2475	LinF		0.2413							0.9997		0.9900
Methylene Chloride	0.3823 0.3277	0.3795	0.3814	0.3610	0.3382	Ave		0.3617			0.1000	6.6		30.0			
Acetone	0.0277 0.0182	0.0240	0.0265	0.0270	0.0236	Ave		0.0245		*	0.1000	14.2		30.0			
trans-1,2-Dichloroethene	0.1945 0.2491	0.2313	0.2291	0.2262	0.2432	Ave		0.2289			0.1000	8.3		30.0			
Methyl acetate	0.0449 0.0462	0.0480	0.0478	0.0483	0.0472	Ave		0.0471		*	0.1000	2.7		30.0			
Methyl tert-butyl ether	0.6806 0.7846	0.7494	0.7820	0.7710	0.7800	Ave		0.7580			0.1000	5.3		30.0			
1,1-Dichloroethane	0.4395 0.4903	0.4818	0.5096	0.4923	0.4843	Ave		0.4830			0.1000	4.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45869-1 Analy Batch No.: 132257

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2012 06:19 Calibration End Date: 10/15/2012 08:40 Calibration ID: 18143

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.2293 0.2566	0.2591	0.2555	0.2452	0.2479	Ave		0.2489			0.1000	4.4		30.0			
Cyclohexane	0.3291 0.4838	0.3106	0.3744	0.3909	0.4544	LinF		0.4792							0.9988		0.9900
Chloroform	0.3850 0.4536	0.4283	0.4515	0.4388	0.4428	Ave		0.4333			0.1000	5.9		30.0			
Carbon tetrachloride	0.2688 0.3721	0.2858	0.3086	0.3183	0.3672	Ave		0.3201			0.1000	13.2		30.0			
1,1,1-Trichloroethane	0.2919 0.4356	0.3582	0.3817	0.3834	0.4263	Ave		0.3795			0.1000	13.7		30.0			
2-Butanone (MEK)	0.0246 0.0435	0.0277	0.0415	0.0412	0.0441	LinF		0.0436							0.9997		0.9900
Benzene	0.9956 1.1572	1.1062	1.1088	1.0746	1.1418	Ave		1.0974			0.1000	5.3		30.0			
1,2-Dichloroethane	0.3385 0.3734	0.3753	0.3694	0.3619	0.3670	Ave		0.3642			0.1000	3.7		30.0			
Methylcyclohexane	0.2792 0.4100	0.2583	0.3110	0.3459	0.3897	LinF		0.4068							0.9991		0.9900
Trichloroethene	0.2357 0.3047	0.2511	0.2589	0.2613	0.2879	Ave		0.2666			0.1000	9.5		30.0			
1,2-Dichloropropane	0.2414 0.2971	0.2766	0.2731	0.2675	0.2800	Ave		0.2726			0.1000	6.7		30.0			
Dichlorobromomethane	0.2994 0.3990	0.3423	0.3456	0.3470	0.3762	Ave		0.3516			0.1000	9.6		30.0			
cis-1,3-Dichloropropene	0.4078 0.5170	0.4660	0.4706	0.4694	0.4932	Ave		0.4707			0.1000	7.7		30.0			
Toluene	1.1521 1.3071	1.2980	1.2915	1.2583	1.3126	Ave		1.2699			0.1000	4.8		30.0			
Tetrachloroethene	0.2704 0.3426	0.3069	0.3269	0.3230	0.3389	Ave		0.3181			0.1000	8.4		30.0			
4-Methyl-2-pentanone (MIBK)	0.2815 0.2919	0.2727	0.2798	0.2792	0.2798	Ave		0.2808			0.1000	2.2		30.0			
trans-1,3-Dichloropropene	0.3566 0.4939	0.4241	0.4314	0.4388	0.4660	Ave		0.4351			0.1000	10.6		30.0			
1,1,2-Trichloroethane	0.1904 0.2162	0.2130	0.2052	0.2013	0.2063	Ave		0.2054			0.1000	4.4		30.0			
Chlorodibromomethane	0.2453 0.3415	0.2869	0.2996	0.3053	0.3265	Ave		0.3009			0.1000	11.1		30.0			
Ethylene Dibromide	0.2243 0.2661	0.2655	0.2596	0.2553	0.2627	Ave		0.2556			0.1000	6.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45869-1 Analy Batch No.: 132257

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2012 06:19 Calibration End Date: 10/15/2012 08:40 Calibration ID: 18143

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2059 0.1912	0.2027	0.2174	0.2152	0.2155	Ave		0.2080			0.1000	4.9		30.0			
Chlorobenzene	0.8053 0.9090	0.9089	0.8987	0.8723	0.9044	Ave		0.8831			0.1000	4.6		30.0			
Ethylbenzene	0.3936 0.5286	0.4578	0.4754	0.4656	0.5097	Ave		0.4718			0.1000	10.0		30.0			
m-Xylene & p-Xylene	0.4852 0.6257	0.5787	0.5992	0.5910	0.6588	Ave		0.5897			0.1000	9.9		30.0			
o-Xylene	0.4766 0.6071	0.5702	0.5931	0.5724	0.6132	Ave		0.5721			0.1000	8.7		30.0			
Bromoform	0.1625 0.2538	0.2052	0.2150	0.2285	0.2515	LinF		0.2533							0.9998		0.9900
Styrene	0.8150 1.0620	0.9684	1.0163	0.9865	1.0768	Ave		0.9875			0.1000	9.6		30.0			
Isopropylbenzene	1.1481 1.4480	1.3600	1.4732	1.4422	1.5632	Ave		1.4058			0.1000	10.1		30.0			
1,1,2,2-Tetrachloroethane	0.4883 0.6062	0.5726	0.5487	0.5231	0.5628	Ave		0.5503			0.1000	7.4		30.0			
1,3-Dichlorobenzene	1.0863 1.2917	1.2535	1.2654	1.2202	1.2874	Ave		1.2341			0.1000	6.2		30.0			
1,4-Dichlorobenzene	1.1817 1.3223	1.3309	1.3129	1.2684	1.3169	Ave		1.2889			0.1000	4.4		30.0			
1,2-Dichlorobenzene	1.0058 1.2231	1.2136	1.2228	1.1754	1.2156	Ave		1.1760			0.1000	7.3		30.0			
1,2-Dibromo-3-Chloropropane	0.0869 0.1036	0.0958	0.0912	0.0953	0.0988	Ave		0.0953		*	0.1000	6.1		30.0			
1,2,4-Trichlorobenzene	0.6280 0.7042	0.6723	0.6653	0.6857	0.6988	Ave		0.6757			0.1000	4.1		30.0			
1,2-Dichloroethane-d4 (Surr)	0.3114 0.3308	0.3098	0.2950	0.2994	0.3102	Ave		0.3094			0.1000	4.0		30.0			
Toluene-d8 (Surr)	1.1233 1.0445	1.1182	1.1169	1.1002	1.0794	Ave		1.0971			0.1000	2.8		30.0			
4-Bromofluorobenzene	0.7778 0.8102	0.7976	0.7885	0.7764	0.8119	Ave		0.7937			0.1000	2.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45869-1 Analy Batch No.: 132257

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2012 06:19 Calibration End Date: 10/15/2012 08:40 Calibration ID: 18143

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-132257/2	e09033.d
Level 2	IC 460-132257/3	e09035.d
Level 3	ICIS 460-132257/4	e09036.d
Level 4	IC 460-132257/5	e09037.d
Level 5	IC 460-132257/6	e09038.d
Level 6	IC 460-132257/7	e09039.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	3857 2677031	21142	96314	239664	1041958	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	8463 5016446	43650	182153	450669	1898828	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6432 4246728	34030	148160	371635	1601017	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4683 2419117	21978	83218	212271	931102	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3322 2137660	16525	79228	207126	901123	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6910 4257898	33422	142452	399192	1640652	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3309 2768724	19688	83018	213018	940258	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13279 11311373	73178	315122	893267	4190552	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	LinF	3689 3414187	19622	94695	264467	1270242	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	8340 4651701	42264	171058	432865	1735982	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	3020 259003	8018	11907	32362	121113	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4243 3535493	25753	102753	271303	1248402	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	980 656218	5346	21454	57955	242480	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	14847 11136837	83460	350746	924582	4003670	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9587 6959425	53656	228543	590321	2485774	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5003 3641713	28856	114598	294082	1272282	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45869-1 Analy Batch No.: 132257

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2012 06:19 Calibration End Date: 10/15/2012 08:40 Calibration ID: 18143

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	LinF	7180 6866249	34590	167921	468717	2332465	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	8399 6438521	47693	202496	526150	2272903	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5863 5281302	31826	138409	381696	1884929	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6368 6182333	39891	171206	459741	2187856	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	LinF	2678 617774	9271	18606	49431	226166	5.00 500	15.0	20.0	50.0	200
Benzene	CBZ	Ave	19972 15749852	113771	461430	1203590	5491110	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7384 5299426	41799	165673	433998	1883548	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	6092 5819601	28768	139471	414833	2000298	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5143 4324773	27962	116121	313354	1477745	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5266 4216709	30799	122481	320728	1437120	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	6531 5663272	38117	154978	416066	1930985	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	8181 7037064	47927	195824	525735	2371833	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	23113 17790325	133496	537417	1409315	6312301	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	5425 4662535	31563	136048	361806	1629953	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	28236 3973222	84133	116422	312694	1345637	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	7153 6721971	43616	179530	491485	2240798	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3819 2942366	21907	85375	225508	992006	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	4921 4648179	29512	124683	341906	1570039	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	4499 3622202	27305	108045	285885	1263564	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	20657 2602891	62532	90481	240982	1036402	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	16156 12372078	93481	373978	977030	4349563	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45869-1 Analy Batch No.: 132257

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2012 06:19 Calibration End Date: 10/15/2012 08:40 Calibration ID: 18143

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZ	Ave	7896 7194715	47087	197819	521506	2451153	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	19467 17031416	119035	498670	1323841	6336084	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	9562 8263324	58648	246807	641074	2949106	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	LinF	3260 3454537	21106	89463	255946	1209573	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	16349 14454078	99597	422924	1104860	5178236	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	23033 19707920	139875	613063	1615320	7517578	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6112 4554536	35073	140401	355034	1588040	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13596 9704727	76781	323803	828156	3632715	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	14790 9934176	81526	335971	860932	3716000	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	12588 9189495	74336	312910	797794	3430089	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1088 778534	5870	23339	64672	278743	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	7860 5290670	41180	170255	465408	1971908	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	339706 469551	344998	330756	359011	398081	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1126695 1421602	1149999	1161973	1232254	1297751	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	486756 608710	488550	504451	526950	572755	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09033.d
 Report Date: 19-Oct-2012 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09033.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 15-OCT-2012 06:19
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/8260DE_09.m
 Meth Date : 19-Oct-2012 10:29 vibha
 Cal Date : 15-OCT-2012 07:29
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e09036.d
 Calibration Sample, Level: 1
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		0.894	0.894 (0.249)		3857	1.00000	0.90(a)
3 Chloromethane	50		1.016	1.016 (0.283)		8463	1.00000	1.0
4 Vinyl Chloride	62		1.022	1.022 (0.284)		6432	1.00000	0.96(a)
6 Bromomethane	94		1.175	1.175 (0.327)		4683	1.00000	1.1
5 Chloroethane	64		1.236	1.236 (0.344)		3322	1.00000	0.94(a)
7 Trichlorofluoromethane	101		1.297	1.297 (0.361)		6910	1.00000	1.0
14 Freon TF	101		1.565	1.565 (0.435)		3689	1.00000	0.70(a)
15 1,1-Dichloroethene	96		1.547	1.547 (0.430)		3309	1.00000	0.85(a)
16 Acetone	58		1.894	1.894 (0.527)		3020	5.00000	5.6
18 Carbon Disulfide	76		1.565	1.565 (0.435)		13279	1.00000	0.84(a)
27 Methyl Acetate	74		1.967	1.967 (0.547)		980	1.00000	0.95(a)
22 Methylene Chloride	49		1.858	1.858 (0.517)		8340	1.00000	1.0
28 MTBE	73		2.016	2.016 (0.561)		14847	1.00000	0.90(a)
25 trans-1,2-Dichloroethene	96		1.943	1.943 (0.540)		4243	1.00000	0.85(a)
30 1,1-Dichloroethane	63		2.303	2.303 (0.640)		9587	1.00000	0.91(a)
36 cis-1,2-Dichloroethene	96		2.644	2.644 (0.735)		5003	1.00000	0.92(a)

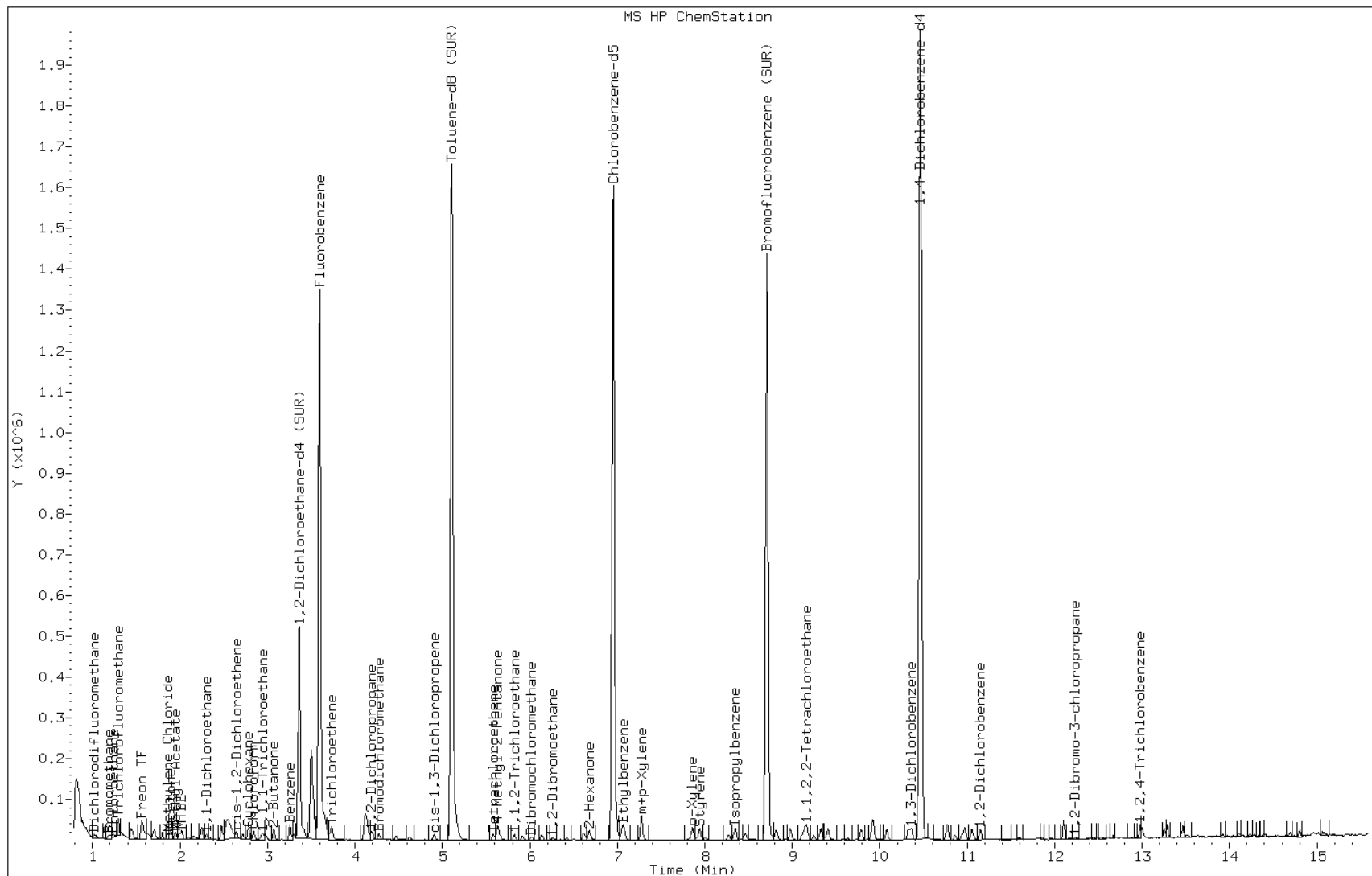
Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09033.d
 Report Date: 19-Oct-2012 10:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.856)	2678	5.00000	2.8(a)
42 Chloroform	83	2.845	2.845	(0.791)	8399	1.00000	0.89(a)
44 Cyclohexane	56	2.784	2.784	(0.774)	7180	1.00000	0.69(a)
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	6368	1.00000	0.77(a)
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	5863	1.00000	0.84(a)
48 Benzene	78	3.260	3.260	(0.469)	19972	1.00000	0.91(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	339706	50.0000	50
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	7384	1.00000	0.93(a)
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1090789	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	5143	1.00000	0.88(a)
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	6092	1.00000	0.69(a)
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	5266	1.00000	0.88(a)
68 Bromodichloromethane	83	4.272	4.272	(1.188)	6531	1.00000	0.85(a)
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	8181	1.00000	0.87(a)
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	28236	5.00000	5.0
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1126695	50.0000	51
66 Toluene	91	5.162	5.162	(0.742)	23113	1.00000	0.91(a)
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	7153	1.00000	0.82(a)
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	3819	1.00000	0.93(a)
71 Tetrachloroethene	166	5.582	5.582	(0.803)	5425	1.00000	0.85(a)
73 2-Hexanone	43	6.680	6.680	(0.961)	20657	5.00000	5.0
74 Dibromochloromethane	129	6.021	6.021	(0.866)	4921	1.00000	0.82(a)
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	4499	1.00000	0.88(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1003054	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	16156	1.00000	0.91(a)
81 Ethylbenzene	106	7.064	7.064	(1.016)	7896	1.00000	0.83(a)
82 m+p-Xylene	106	7.277	7.277	(1.046)	19467	2.00000	1.6
84 o-Xylene	106	7.856	7.856	(1.130)	9562	1.00000	0.83(a)
85 Styrene	104	7.942	7.942	(1.142)	16349	1.00000	0.82(a)
86 Bromoform	173	7.917	7.917	(1.139)	3260	1.00000	0.64(a)
88 Isopropylbenzene	105	8.344	8.344	(1.200)	23033	1.00000	0.82(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	486756	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	6112	1.00000	0.89(a)
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	13596	1.00000	0.88(a)
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	625793	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	14790	1.00000	0.92(a)
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	12588	1.00000	0.86(a)
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	1088	1.00000	0.91(a)
114 1,2,4-Trichlorobenzene	180	12.983	12.983	(1.241)	7860	1.00000	0.93(a)
M 120 1,2-Dichloroethene (Total)	100				9246	2.00000	1.8(a)
M 121 Xylene (Total)	100				29029	3.00000	2.5(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09035.d
 Report Date: 19-Oct-2012 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09035.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 15-OCT-2012 07:06
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/8260DE_09.m
 Meth Date : 19-Oct-2012 10:29 vibha
 Cal Date : 15-OCT-2012 07:29
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e09036.d
 Calibration Sample, Level: 2
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	21142	5.00000	4.8
3 Chloromethane	50	1.016	1.016	(0.283)	43650	5.00000	5.1
4 Vinyl Chloride	62	1.022	1.022	(0.284)	34030	5.00000	5.0
6 Bromomethane	94	1.181	1.181	(0.328)	21978	5.00000	5.2
5 Chloroethane	64	1.236	1.236	(0.344)	16525	5.00000	4.6
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	33422	5.00000	4.8
14 Freon TF	101	1.565	1.565	(0.435)	19622	5.00000	3.6
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	19688	5.00000	5.0
16 Acetone	58	1.894	1.894	(0.527)	8018	15.0000	15
18 Carbon Disulfide	76	1.565	1.565	(0.435)	73178	5.00000	4.6
27 Methyl Acetate	74	1.961	1.961	(0.546)	5346	5.00000	5.1
22 Methylene Chloride	49	1.857	1.857	(0.517)	42264	5.00000	5.2
28 MTBE	73	2.022	2.022	(0.562)	83460	5.00000	4.9
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	25753	5.00000	5.0
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	53656	5.00000	5.0
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	28856	5.00000	5.2

Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09035.d
 Report Date: 19-Oct-2012 10:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.856)	9271	15.0000	9.6
42 Chloroform	83	2.839	2.839	(0.790)	47693	5.00000	4.9
44 Cyclohexane	56	2.784	2.784	(0.774)	34590	5.00000	3.2
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	39891	5.00000	4.7
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	31826	5.00000	4.5
48 Benzene	78	3.260	3.260	(0.469)	113771	5.00000	5.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	344998	50.0000	50
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	41799	5.00000	5.2
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1113639	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	27962	5.00000	4.7
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	28768	5.00000	3.2
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	30799	5.00000	5.1
68 Bromodichloromethane	83	4.272	4.272	(1.188)	38117	5.00000	4.9
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	47927	5.00000	5.0
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	84133	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1149999	50.0000	51
66 Toluene	91	5.162	5.162	(0.742)	133496	5.00000	5.1
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	43616	5.00000	4.9
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	21907	5.00000	5.2
71 Tetrachloroethene	166	5.582	5.582	(0.803)	31563	5.00000	4.8
73 2-Hexanone	43	6.680	6.680	(0.961)	62532	15.0000	15
74 Dibromochloromethane	129	6.015	6.015	(0.865)	29512	5.00000	4.8
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	27305	5.00000	5.2
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1028481	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	93481	5.00000	5.1
81 Ethylbenzene	106	7.064	7.064	(1.016)	47087	5.00000	4.8
82 m+p-Xylene	106	7.277	7.277	(1.046)	119035	10.0000	9.8
84 o-Xylene	106	7.856	7.856	(1.130)	58648	5.00000	5.0
85 Styrene	104	7.942	7.942	(1.142)	99597	5.00000	4.9
86 Bromoform	173	7.917	7.917	(1.139)	21106	5.00000	4.0
88 Isopropylbenzene	105	8.344	8.344	(1.200)	139875	5.00000	4.8
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	488550	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	35073	5.00000	5.2
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	76781	5.00000	5.1
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	612549	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	81526	5.00000	5.2
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	74336	5.00000	5.2
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	5870	5.00000	5.0
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	41180	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				54609	10.0000	10
M 121 Xylene (Total)	100				177683	15.0000	15

Data File: e09035.d

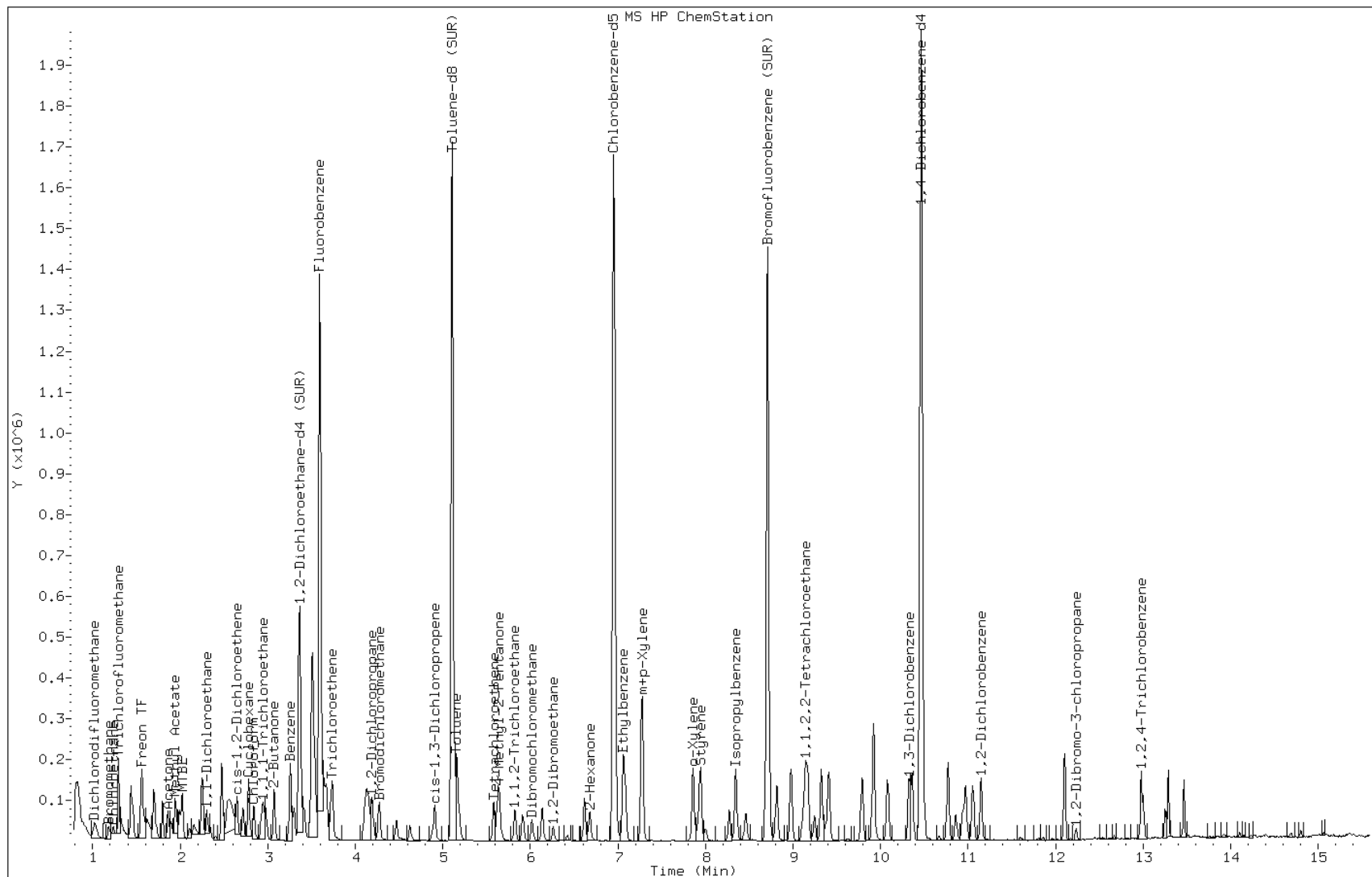
Date: 15-OCT-2012 07:06

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL2

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09036.d
 Report Date: 19-Oct-2012 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09036.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 15-OCT-2012 07:29
 Operator : GC/MS VOAMS5
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/8260DE_09.m
 Meth Date : 19-Oct-2012 10:29 vibha
 Cal Date : 15-OCT-2012 07:29
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e09036.d

Calibration Sample, Level: 3

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

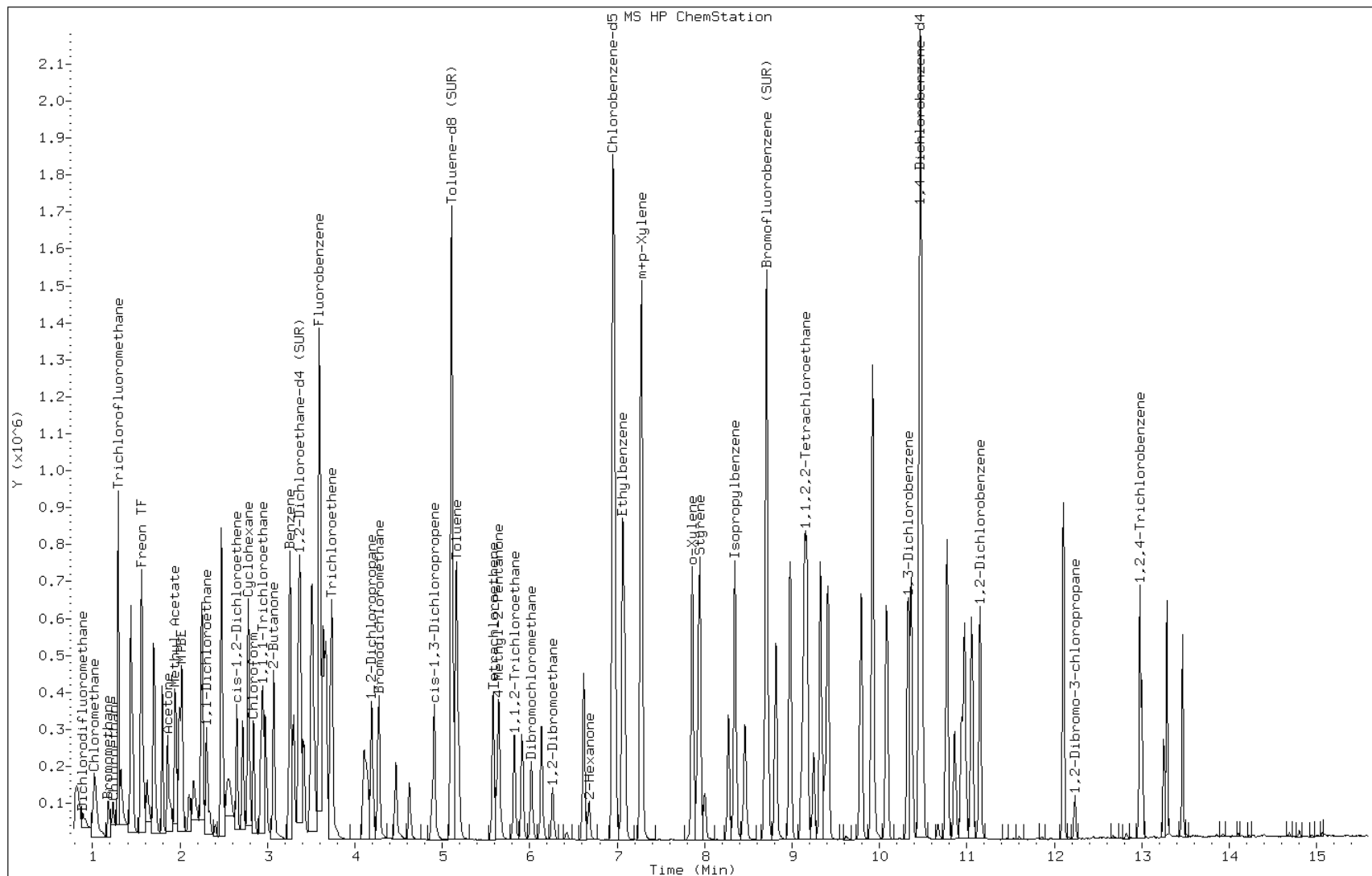
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	96314	20.0000	22
3 Chloromethane	50	1.016	1.016	(0.283)	182153	20.0000	21
4 Vinyl Chloride	62	1.022	1.022	(0.284)	148160	20.0000	21
6 Bromomethane	94	1.175	1.175	(0.327)	83218	20.0000	20
5 Chloroethane	64	1.236	1.236	(0.344)	79228	20.0000	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	142452	20.0000	20
14 Freon TF	101	1.565	1.565	(0.435)	94695	20.0000	17
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	83018	20.0000	21
16 Acetone	58	1.894	1.894	(0.527)	11907	20.0000	22
18 Carbon Disulfide	76	1.565	1.565	(0.435)	315122	20.0000	19
27 Methyl Acetate	74	1.961	1.961	(0.546)	21454	20.0000	20
22 Methylene Chloride	49	1.858	1.858	(0.517)	171058	20.0000	21
28 MTBE	73	2.022	2.022	(0.562)	350746	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	102753	20.0000	20
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	228543	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	114598	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09036.d
Report Date: 19-Oct-2012 10:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	18606	20.0000	19
42 Chloroform	83	2.839	2.839	(0.790)	202496	20.0000	21
44 Cyclohexane	56	2.778	2.778	(0.773)	167921	20.0000	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	171206	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	138409	20.0000	19
48 Benzene	78	3.260	3.260	(0.469)	461430	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	330756	50.0000	48
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	165673	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1121240	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	116121	20.0000	19
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	139471	20.0000	15
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	122481	20.0000	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	154978	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	195824	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	116422	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1161973	50.0000	51
66 Toluene	91	5.162	5.162	(0.742)	537417	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	179530	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	85375	20.0000	20
71 Tetrachloroethene	166	5.582	5.582	(0.803)	136048	20.0000	20
73 2-Hexanone	43	6.680	6.680	(0.961)	90481	20.0000	21
74 Dibromochloromethane	129	6.021	6.021	(0.866)	124683	20.0000	20
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	108045	20.0000	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1040336	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	373978	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	197819	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	498670	40.0000	41
84 o-Xylene	106	7.856	7.856	(1.130)	246807	20.0000	21
85 Styrene	104	7.942	7.942	(1.142)	422924	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	89463	20.0000	17
88 Isopropylbenzene	105	8.344	8.344	(1.200)	613063	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	504451	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	140401	20.0000	20
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	323803	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	639744	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	335971	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	312910	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	23339	20.0000	19
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	170255	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				217351	40.0000	40
M 121 Xylene (Total)	100				745477	60.0000	61

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09037.d
 Report Date: 19-Oct-2012 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09037.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 15-OCT-2012 07:54
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/8260DE_09.m
 Meth Date : 19-Oct-2012 10:29 vibha
 Cal Date : 15-OCT-2012 07:29
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e09036.d

Calibration Sample, Level: 4

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable

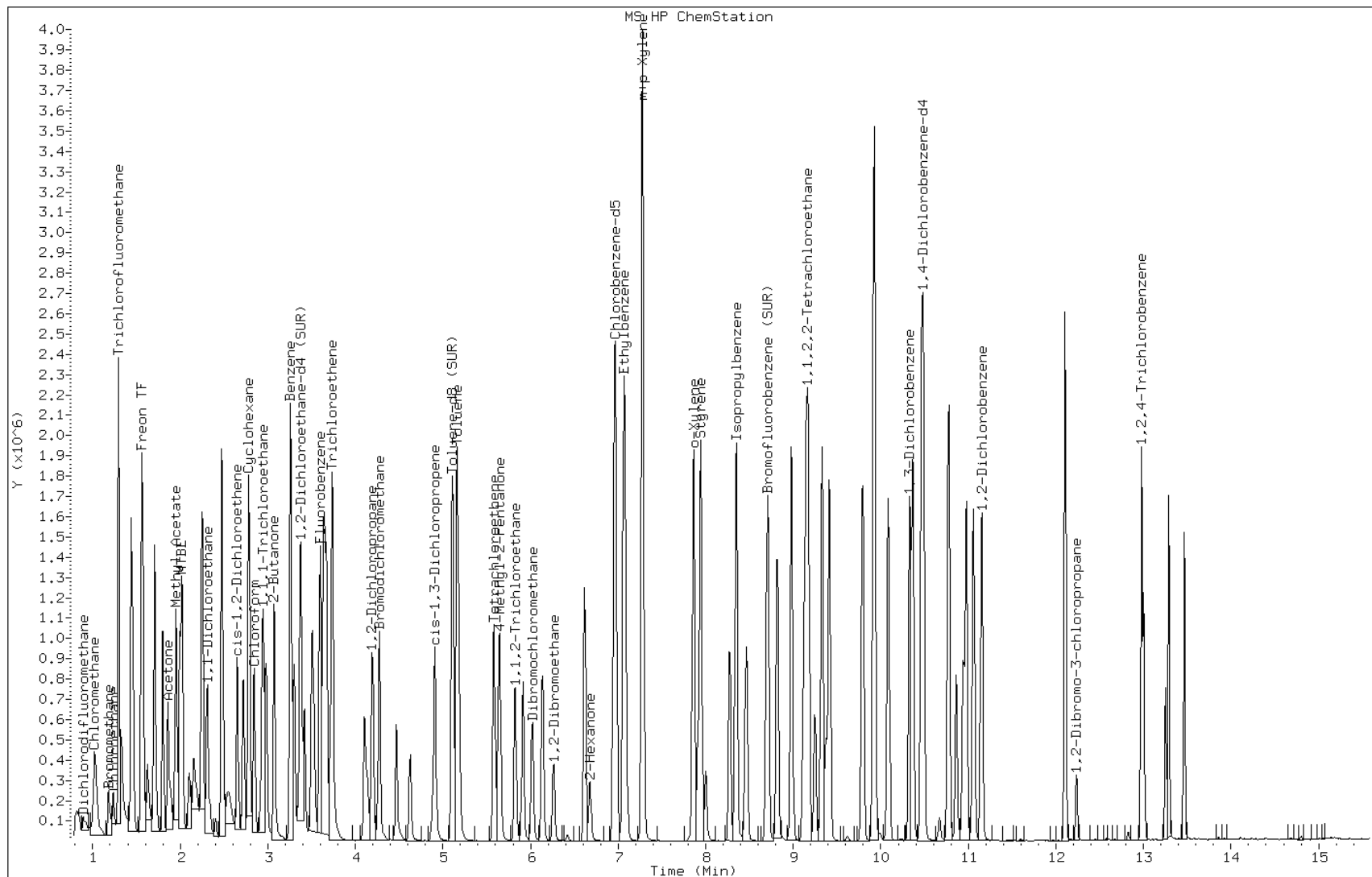
Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	239664	50.0000	51
3 Chloromethane	50	1.016	1.016	(0.283)	450669	50.0000	49
4 Vinyl Chloride	62	1.022	1.022	(0.284)	371635	50.0000	50
6 Bromomethane	94	1.181	1.181	(0.328)	212271	50.0000	47
5 Chloroethane	64	1.236	1.236	(0.344)	207126	50.0000	53
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	399192	50.0000	53
14 Freon TF	101	1.571	1.571	(0.437)	264467	50.0000	46
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	213018	50.0000	50
16 Acetone	58	1.894	1.894	(0.527)	32362	50.0000	55
18 Carbon Disulfide	76	1.565	1.565	(0.435)	893267	50.0000	52
27 Methyl Acetate	74	1.961	1.961	(0.546)	57955	50.0000	51
22 Methylene Chloride	49	1.858	1.858	(0.517)	432865	50.0000	50
28 MTBE	73	2.022	2.022	(0.562)	924582	50.0000	51
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	271303	50.0000	49
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	590321	50.0000	51
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	294082	50.0000	49

Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09037.d
 Report Date: 19-Oct-2012 10:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.856)	49431	50.0000	47
42 Chloroform	83	2.845	2.845	(0.791)	526150	50.0000	51
44 Cyclohexane	56	2.784	2.784	(0.774)	468717	50.0000	41
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	459741	50.0000	50
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	381696	50.0000	50
48 Benzene	78	3.260	3.260	(0.469)	1203590	50.0000	49
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	359011	50.0000	48
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	433998	50.0000	50
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1199186	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	313354	50.0000	49
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	414833	50.0000	42
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	320728	50.0000	49
68 Bromodichloromethane	83	4.272	4.272	(1.188)	416066	50.0000	49
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	525735	50.0000	50
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	312694	50.0000	50
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1232254	50.0000	50
66 Toluene	91	5.162	5.162	(0.742)	1409315	50.0000	50
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	491485	50.0000	50
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	225508	50.0000	49
71 Tetrachloroethene	166	5.583	5.583	(0.803)	361806	50.0000	51
73 2-Hexanone	43	6.680	6.680	(0.961)	240982	50.0000	52
74 Dibromochloromethane	129	6.021	6.021	(0.866)	341906	50.0000	51
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	285885	50.0000	50
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1120009	50.0000	
79 Chlorobenzene	112	6.973	6.973	(1.003)	977030	50.0000	49
81 Ethylbenzene	106	7.064	7.064	(1.016)	521506	50.0000	49
82 m+p-Xylene	106	7.277	7.277	(1.046)	1323841	100.000	100
84 o-Xylene	106	7.863	7.863	(1.131)	641074	50.0000	50
85 Styrene	104	7.948	7.948	(1.143)	1104860	50.0000	50
86 Bromoform	173	7.917	7.917	(1.139)	255946	50.0000	45
88 Isopropylbenzene	105	8.350	8.350	(1.201)	1615320	50.0000	51
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	526950	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.118	9.118	(0.871)	355034	50.0000	48
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	828156	50.0000	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	678731	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	860932	50.0000	49
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	797794	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	64672	50.0000	50
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	465408	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				565385	100.000	99
M 121 Xylene (Total)	100				1964915	150.000	150

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09038.d
 Report Date: 19-Oct-2012 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09038.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 15-OCT-2012 08:17
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/8260DE_09.m
 Meth Date : 19-Oct-2012 10:29 vibha
 Cal Date : 15-OCT-2012 07:29
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e09036.d

Calibration Sample, Level: 5

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable

Local Compound Variable

						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.248)	1041958	200.000	210
3 Chloromethane	50	1.016	1.016	(0.282)	1898828	200.000	190
4 Vinyl Chloride	62	1.022	1.022	(0.284)	1601017	200.000	200
6 Bromomethane	94	1.181	1.181	(0.328)	931102	200.000	190
5 Chloroethane	64	1.236	1.236	(0.343)	901123	200.000	220
7 Trichlorofluoromethane	101	1.297	1.297	(0.360)	1640652	200.000	200
14 Freon TF	101	1.571	1.571	(0.436)	1270242	200.000	200
15 1,1-Dichloroethene	96	1.547	1.547	(0.429)	940258	200.000	200
16 Acetone	58	1.894	1.894	(0.526)	121113	200.000	190
18 Carbon Disulfide	76	1.565	1.565	(0.435)	4190552	200.000	230
27 Methyl Acetate	74	1.961	1.961	(0.545)	242480	200.000	200
22 Methylene Chloride	49	1.858	1.858	(0.516)	1735982	200.000	190
28 MTBE	73	2.022	2.022	(0.562)	4003670	200.000	200
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.541)	1248402	200.000	210
30 1,1-Dichloroethane	63	2.309	2.309	(0.641)	2485774	200.000	200
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.736)	1272282	200.000	200

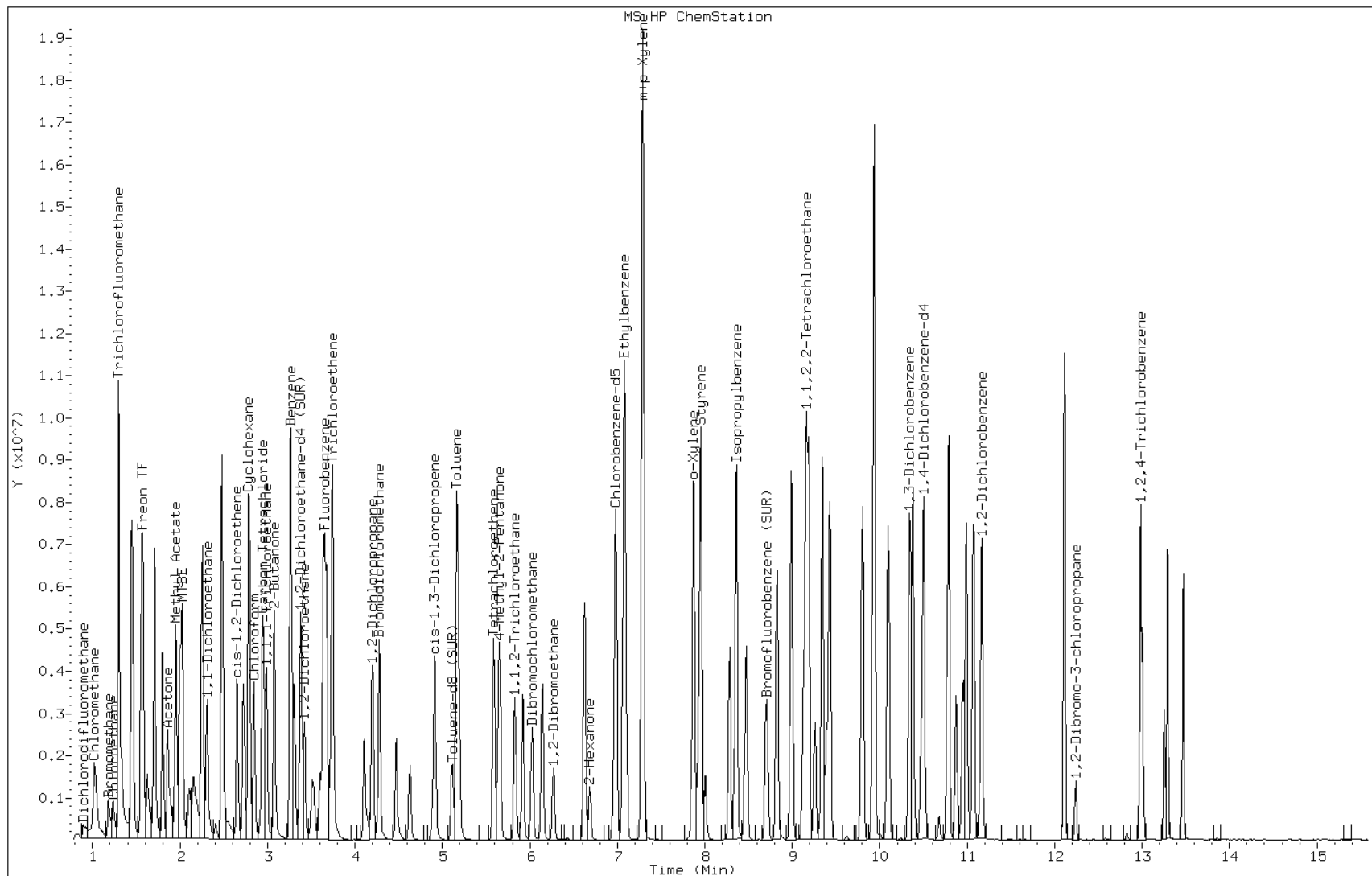
Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09038.d
Report Date: 19-Oct-2012 10:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.854)	226166	200.000	200
42 Chloroform	83	2.845	2.845	(0.790)	2272903	200.000	200
44 Cyclohexane	56	2.790	2.790	(0.775)	2332465	200.000	190
43 1,1,1-Trichloroethane	97	2.985	2.985	(0.829)	2187856	200.000	220
45 Carbon Tetrachloride	117	2.937	2.937	(0.815)	1884929	200.000	230
48 Benzene	78	3.266	3.266	(0.469)	5491110	200.000	210
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.369	3.369	(0.936)	398081	50.0000	50
49 1,2-Dichloroethane	62	3.424	3.424	(0.951)	1883548	200.000	200
* 52 Fluorobenzene	96	3.601	3.601	(1.000)	1283192	50.0000	
54 Trichloroethene	95	3.747	3.747	(1.041)	1477745	200.000	220
56 Methyl cyclohexane	83	3.735	3.735	(1.037)	2000298	200.000	190
57 1,2-Dichloropropane	63	4.199	4.199	(1.166)	1437120	200.000	200
68 Bromodichloromethane	83	4.278	4.278	(1.188)	1930985	200.000	210
67 cis-1,3-Dichloropropene	75	4.912	4.912	(0.706)	2371833	200.000	210
70 4-Methyl-2-Pentanone	43	5.637	5.637	(0.810)	1345637	200.000	200
\$ 65 Toluene-d8 (SUR)	98	5.113	5.113	(0.735)	1297751	50.0000	49
66 Toluene	91	5.168	5.168	(0.742)	6312301	200.000	210
64 trans-1,3-Dichloropropene	75	5.656	5.656	(0.813)	2240798	200.000	210
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.837)	992006	200.000	200
71 Tetrachloroethene	166	5.589	5.589	(0.803)	1629953	200.000	210
73 2-Hexanone	43	6.686	6.686	(0.961)	1036402	200.000	210
74 Dibromochloromethane	129	6.028	6.028	(0.866)	1570039	200.000	220
77 1,2-Dibromoethane	107	6.271	6.271	(0.901)	1263564	200.000	200
* 78 Chlorobenzene-d5	117	6.960	6.960	(1.000)	1202269	50.0000	
79 Chlorobenzene	112	6.985	6.985	(1.004)	4349563	200.000	200
81 Ethylbenzene	106	7.076	7.076	(1.017)	2451153	200.000	220
82 m+p-Xylene	106	7.296	7.296	(1.048)	6336084	400.000	450
84 o-Xylene	106	7.875	7.875	(1.131)	2949106	200.000	210
85 Styrene	104	7.954	7.954	(1.143)	5178236	200.000	220
86 Bromoform	173	7.923	7.923	(1.138)	1209573	200.000	200
88 Isopropylbenzene	105	8.362	8.362	(1.201)	7517578	200.000	220(A)
\$ 89 Bromofluorobenzene (SUR)	174	8.716	8.716	(0.832)	572755	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.124	9.124	(0.871)	1588040	200.000	200
105 1,3-Dichlorobenzene	146	10.344	10.344	(0.987)	3632715	200.000	210
* 108 1,4-Dichlorobenzene-d4	152	10.478	10.478	(1.000)	705449	50.0000	
109 1,4-Dichlorobenzene	146	10.502	10.502	(1.002)	3716000	200.000	200
111 1,2-Dichlorobenzene	146	11.167	11.167	(1.066)	3430089	200.000	210
112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.168)	278743	200.000	210
114 1,2,4-Trichlorobenzene	180	12.983	12.983	(1.239)	1971908	200.000	210
M 120 1,2-Dichloroethene (Total)	100				2520684	400.000	410
M 121 Xylene (Total)	100				9285190	600.000	660

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09039.d
 Report Date: 19-Oct-2012 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09039.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 15-OCT-2012 08:40
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/8260DE_09.m
 Meth Date : 19-Oct-2012 10:29 vibha
 Cal Date : 15-OCT-2012 07:29
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e09036.d

Calibration Sample, Level: 6

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894 (0.248)		2677031	500.000	480
3 Chloromethane	50	1.016	1.016 (0.282)		5016446	500.000	460
4 Vinyl Chloride	62	1.028	1.028 (0.285)		4246728	500.000	480
6 Bromomethane	94	1.181	1.181 (0.327)		2419117	500.000	450
5 Chloroethane	64	1.236	1.236 (0.343)		2137660	500.000	460
7 Trichlorofluoromethane	101	1.303	1.303 (0.361)		4257898	500.000	480
14 Freon TF	101	1.577	1.577 (0.437)		3414187	500.000	500
15 1,1-Dichloroethene	96	1.553	1.553 (0.430)		2768724	500.000	550(A)
16 Acetone	58	1.900	1.900 (0.527)		259003	500.000	370
18 Carbon Disulfide	76	1.565	1.565 (0.434)		11311373	500.000	550(A)
27 Methyl Acetate	74	1.967	1.967 (0.545)		656218	500.000	490
22 Methylene Chloride	49	1.858	1.858 (0.515)		4651701	500.000	450
28 MTBE	73	2.028	2.028 (0.562)		11136837	500.000	520(A)
25 trans-1,2-Dichloroethene	96	1.949	1.949 (0.540)		3535493	500.000	540(A)
30 1,1-Dichloroethane	63	2.309	2.309 (0.640)		6959425	500.000	510(A)
36 cis-1,2-Dichloroethene	96	2.656	2.656 (0.736)		3641713	500.000	520(A)

Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09039.d
Report Date: 19-Oct-2012 10:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.083	3.083	(0.855)	617774	500.000	500
42 Chloroform	83	2.851	2.851	(0.790)	6438521	500.000	520(A)
44 Cyclohexane	56	2.796	2.796	(0.775)	6866249	500.000	500(A)
43 1,1,1-Trichloroethane	97	2.991	2.991	(0.829)	6182333	500.000	570(A)
45 Carbon Tetrachloride	117	2.943	2.943	(0.816)	5281302	500.000	580(A)
48 Benzene	78	3.272	3.272	(0.469)	15749852	500.000	530(A)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.376	3.376	(0.936)	469551	50.0000	53
49 1,2-Dichloroethane	62	3.430	3.430	(0.951)	5299426	500.000	510(A)
* 52 Fluorobenzene	96	3.607	3.607	(1.000)	1419358	50.0000	
54 Trichloroethene	95	3.760	3.760	(1.042)	4324773	500.000	570(A)
56 Methyl cyclohexane	83	3.747	3.747	(1.039)	5819601	500.000	500(A)
57 1,2-Dichloropropane	63	4.211	4.211	(1.167)	4216709	500.000	540(A)
68 Bromodichloromethane	83	4.284	4.284	(1.188)	5663272	500.000	570(A)
67 cis-1,3-Dichloropropene	75	4.924	4.924	(0.706)	7037064	500.000	550(A)
70 4-Methyl-2-Pentanone	43	5.649	5.649	(0.810)	3973222	500.000	520(A)
\$ 65 Toluene-d8 (SUR)	98	5.119	5.119	(0.734)	1421602	50.0000	48
66 Toluene	91	5.180	5.180	(0.743)	17790325	500.000	510(A)
64 trans-1,3-Dichloropropene	75	5.668	5.668	(0.813)	6721971	500.000	570(A)
69 1,1,2-Trichloroethane	83	5.838	5.838	(0.837)	2942366	500.000	530(A)
71 Tetrachloroethene	166	5.595	5.595	(0.802)	4662535	500.000	540(A)
73 2-Hexanone	43	6.698	6.698	(0.961)	2602891	500.000	460
74 Dibromochloromethane	129	6.040	6.040	(0.866)	4648179	500.000	570(A)
77 1,2-Dibromoethane	107	6.284	6.284	(0.901)	3622202	500.000	520(A)
* 78 Chlorobenzene-d5	117	6.972	6.972	(1.000)	1361076	50.0000	
79 Chlorobenzene	112	6.997	6.997	(1.003)	12372078	500.000	510(A)
81 Ethylbenzene	106	7.100	7.100	(1.018)	7194715	500.000	560(A)
82 m+p-Xylene	106	7.320	7.320	(1.050)	17031416	1000.00	1100(A)
84 o-Xylene	106	7.893	7.893	(1.132)	8263324	500.000	530(A)
85 Styrene	104	7.978	7.978	(1.144)	14454078	500.000	540(A)
86 Bromoform	173	7.942	7.942	(1.139)	3454537	500.000	500(A)
88 Isopropylbenzene	105	8.381	8.381	(1.202)	19707920	500.000	510(A)
\$ 89 Bromofluorobenzene (SUR)	174	8.728	8.728	(0.832)	608710	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.143	9.143	(0.871)	4554536	500.000	550(A)
105 1,3-Dichlorobenzene	146	10.368	10.368	(0.988)	9704727	500.000	520(A)
* 108 1,4-Dichlorobenzene-d4	152	10.496	10.496	(1.000)	751299	50.0000	
109 1,4-Dichlorobenzene	146	10.527	10.527	(1.003)	9934176	500.000	510(A)
111 1,2-Dichlorobenzene	146	11.191	11.191	(1.066)	9189495	500.000	520(A)
112 1,2-Dibromo-3-chloropropane	75	12.252	12.252	(1.167)	778534	500.000	540(A)
114 1,2,4-Trichlorobenzene	180	12.989	12.989	(1.238)	5290670	500.000	520(A)
M 120 1,2-Dichloroethene (Total)	100				7177206	1000.00	1000
M 121 Xylene (Total)	100				25294740	1500.00	1600

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e09039.d

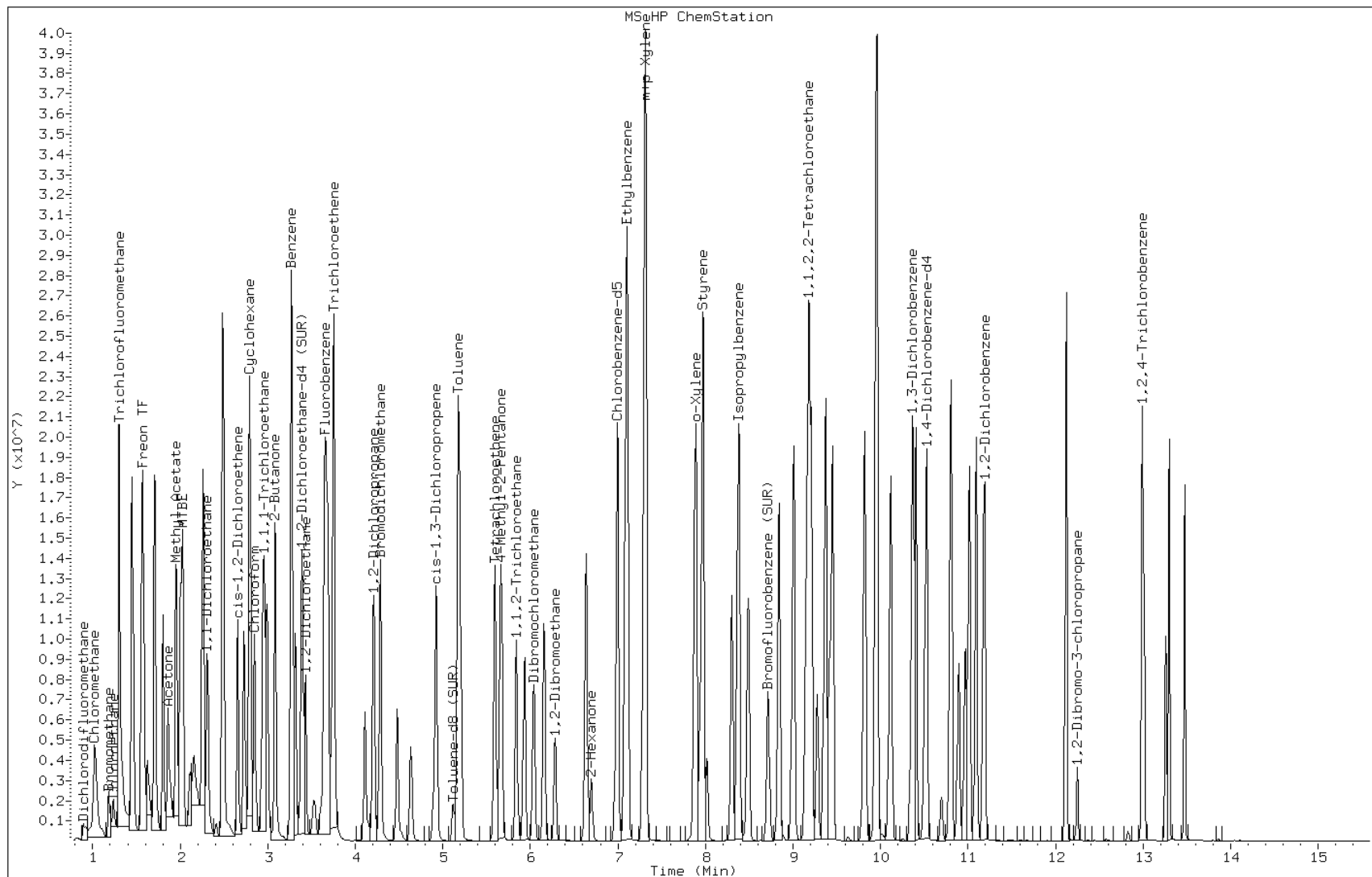
Date: 15-OCT-2012 08:40

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL6

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Lab Sample ID: CCVIS 460-132272/2 Calibration Date: 10/16/2012 18:02

Instrument ID: VOAMS5 Calib Start Date: 10/15/2012 06:19

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/15/2012 08:40

Lab File ID: e09118.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1955	0.1801	0.1000	18.4	20.0	-7.9	25.0
Chloromethane	Ave	0.3809	0.3613	0.1000	19.0	20.0	-5.1	25.0
Vinyl chloride	Ave	0.3086	0.2942	0.1000	19.1	20.0	-4.7	25.0
Bromomethane	Ave	0.1877	0.1879	0.1000	20.0	20.0	0.0	25.0
Chloroethane	Ave	0.1627	0.1733	0.1000	21.3	20.0	6.5	25.0
Trichlorofluoromethane	Ave	0.3145	0.3338	0.1000	21.2	20.0	6.1	25.0
1,1-Dichloroethene	Ave	0.1782	0.1802	0.1000	20.2	20.0	1.1	25.0
Carbon disulfide	Ave	0.7211	0.7027	0.1000	19.5	20.0	-2.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	LinF	0.2108	0.2195	0.1000	18.2	20.0	-9.1	25.0
Methylene Chloride	Ave	0.3617	0.3661	0.1000	20.2	20.0	1.2	25.0
Acetone	Ave	0.0245	0.0296*	0.1000	24.1	20.0	20.7	25.0
trans-1,2-Dichloroethene	Ave	0.2289	0.2298	0.1000	20.1	20.0	0.4	25.0
Methyl acetate	Ave	0.0471	0.0480*	0.1000	20.4	20.0	1.8	25.0
Methyl tert-butyl ether	Ave	0.7580	0.7681	0.1000	20.3	20.0	1.3	25.0
1,1-Dichloroethane	Ave	0.4830	0.5016	0.1000	20.8	20.0	3.9	25.0
cis-1,2-Dichloroethene	Ave	0.2489	0.2525	0.1000	20.3	20.0	1.4	25.0
Cyclohexane	LinF	0.3905	0.3955	0.1000	16.5	20.0	-17.5	25.0
Chloroform	Ave	0.4333	0.4467	0.1000	20.6	20.0	3.1	25.0
Carbon tetrachloride	Ave	0.3201	0.3141	0.1000	19.6	20.0	-1.9	25.0
1,1,1-Trichloroethane	Ave	0.3795	0.3812	0.1000	20.1	20.0	0.4	25.0
2-Butanone (MEK)	LinF	0.0371	0.0443*	0.1000	20.3	20.0	1.6	25.0
Benzene	Ave	1.097	1.112	0.1000	20.3	20.0	1.4	25.0
1,2-Dichloroethane	Ave	0.3642	0.3643	0.1000	20.0	20.0	0.0	25.0
Methylcyclohexane	LinF	0.3324	0.3464	0.1000	17.0	20.0	-14.8	25.0
Trichloroethene	Ave	0.2666	0.2569	0.1000	19.3	20.0	-3.6	25.0
1,2-Dichloropropane	Ave	0.2726	0.2749	0.1000	20.2	20.0	0.8	25.0
Dichlorobromomethane	Ave	0.3516	0.3432	0.1000	19.5	20.0	-2.4	25.0
cis-1,3-Dichloropropene	Ave	0.4707	0.4711	0.1000	20.0	20.0	0.1	25.0
Toluene	Ave	1.270	1.273	0.1000	20.0	20.0	0.2	25.0
Tetrachloroethene	Ave	0.3181	0.3246	0.1000	20.4	20.0	2.0	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2808	0.2765	0.1000	19.7	20.0	-1.5	25.0
trans-1,3-Dichloropropene	Ave	0.4351	0.4287	0.1000	19.7	20.0	-1.5	25.0
1,1,2-Trichloroethane	Ave	0.2054	0.2002	0.1000	19.5	20.0	-2.5	25.0
Chlorodibromomethane	Ave	0.3009	0.2879	0.1000	19.1	20.0	-4.3	25.0
Ethylene Dibromide	Ave	0.2556	0.2480	0.1000	19.4	20.0	-3.0	25.0
2-Hexanone	Ave	0.2080	0.2347	0.1000	22.6	20.0	12.9	25.0
Chlorobenzene	Ave	0.8831	0.8642	0.1000	19.6	20.0	-2.1	25.0
Ethylbenzene	Ave	0.4718	0.4603	0.1000	19.5	20.0	-2.4	25.0
m-Xylene & p-Xylene	Ave	0.5897	0.5894	0.1000	40.0	40.0	-0.0	25.0
o-Xylene	Ave	0.5721	0.5669	0.1000	19.8	20.0	-0.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-132272/2 Calibration Date: 10/16/2012 18:02
 Instrument ID: VOAMS5 Calib Start Date: 10/15/2012 06:19
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/15/2012 08:40
 Lab File ID: e09118.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	LinF	0.2194	0.2025	0.1000	16.0	20.0	-20.0	25.0
Styrene	Ave	0.9875	0.9726	0.1000	19.7	20.0	-1.5	25.0
Isopropylbenzene	Ave	1.406	1.421	0.1000	20.2	20.0	1.1	25.0
1,1,2,2-Tetrachloroethane	Ave	0.5503	0.5028	0.1000	18.3	20.0	-8.6	25.0
1,3-Dichlorobenzene	Ave	1.234	1.192	0.1000	19.3	20.0	-3.4	25.0
1,4-Dichlorobenzene	Ave	1.289	1.239	0.1000	19.2	20.0	-3.9	25.0
1,2-Dichlorobenzene	Ave	1.176	1.133	0.1000	19.3	20.0	-3.6	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0953	0.0837*	0.1000	17.6	20.0	-12.2	25.0
1,2,4-Trichlorobenzene	Ave	0.6757	0.6345	0.1000	18.8	20.0	-6.1	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3094	0.2939	0.1000	47.5	50.0	-5.0	25.0
Toluene-d8 (Surr)	Ave	1.097	1.086	0.1000	49.5	50.0	-1.0	25.0
4-Bromofluorobenzene	Ave	0.7937	0.7289	0.1000	45.9	50.0	-8.2	25.0

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09118.d
 Report Date: 16-Oct-2012 18:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09118.d
 Lab Smp Id: CCVIS
 Inj Date : 16-OCT-2012 18:02
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 16-Oct-2012 18:52 martinez Quant Type: ISTD
 Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

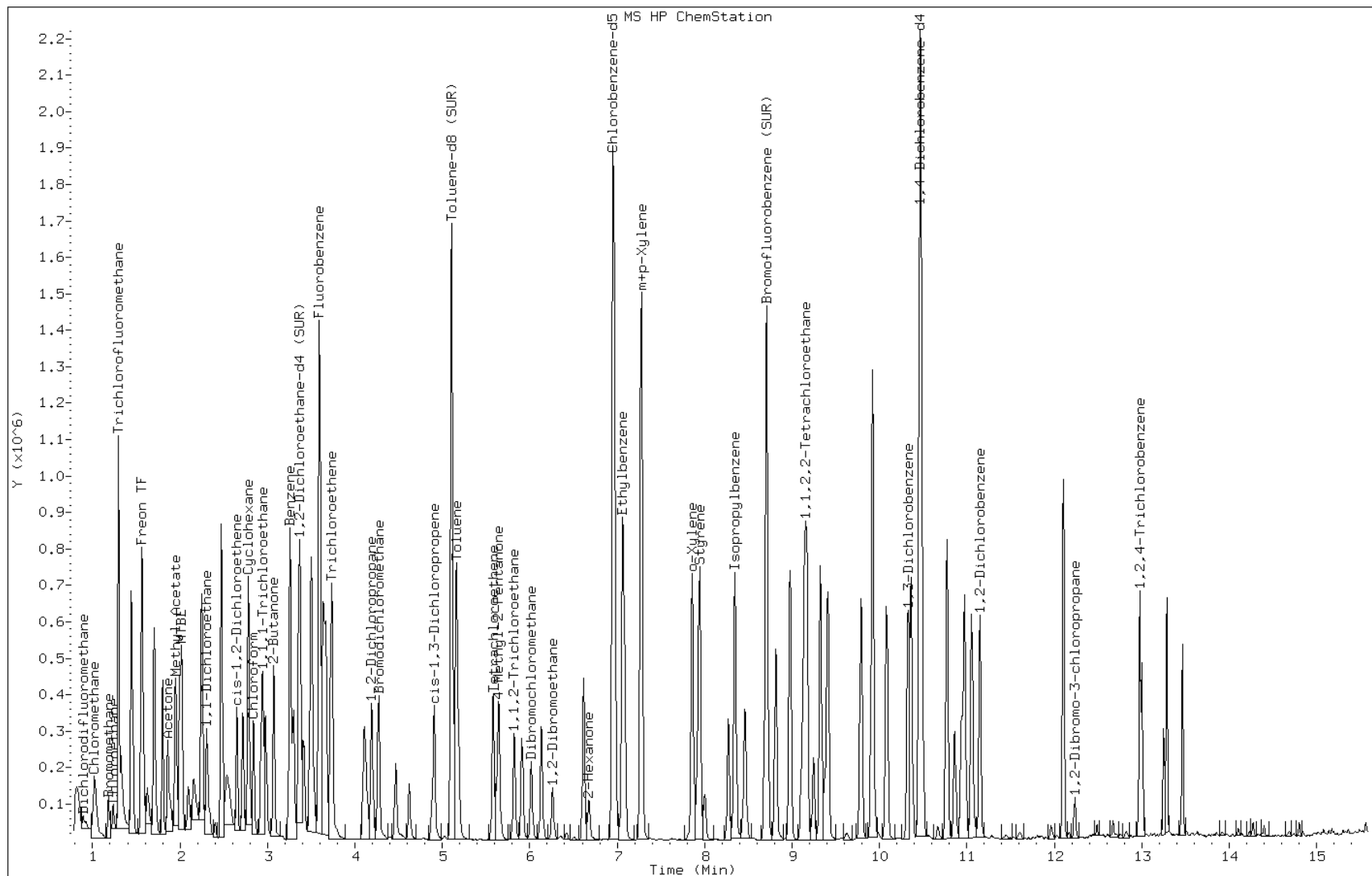
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
	(ug/L)	(ug/L)					
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	83431	20.0000	18
3 Chloromethane	50	1.016	1.016	(0.283)	167432	20.0000	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	136321	20.0000	19
6 Bromomethane	94	1.181	1.181	(0.328)	87073	20.0000	20
5 Chloroethane	64	1.236	1.236	(0.344)	80294	20.0000	21
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	154665	20.0000	21
14 Freon TF	101	1.571	1.571	(0.437)	101689	20.0000	18
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	83510	20.0000	20
16 Acetone	58	1.894	1.894	(0.527)	13705	20.0000	24
18 Carbon Disulfide	76	1.565	1.565	(0.435)	325586	20.0000	19
27 Methyl Acetate	74	1.961	1.961	(0.546)	22222	20.0000	20
22 Methylene Chloride	49	1.857	1.857	(0.517)	169628	20.0000	20
28 MTBE	73	2.016	2.016	(0.561)	355908	20.0000	20
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	106467	20.0000	20
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	232432	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	116986	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09118.d
 Report Date: 16-Oct-2012 18:52

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	20504	20.0000	20
42 Chloroform	83	2.839	2.839	(0.790)	206993	20.0000	21
44 Cyclohexane	56	2.784	2.784	(0.774)	183283	20.0000	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	176631	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	145548	20.0000	20
48 Benzene	78	3.260	3.260	(0.469)	474468	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	340478	50.0000	47
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	168795	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1158427	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	119033	20.0000	19
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	160506	20.0000	17
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	127359	20.0000	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	159041	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	200968	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	117932	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1158140	50.0000	49
66 Toluene	91	5.162	5.162	(0.742)	542921	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	182878	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	85414	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	138460	20.0000	20
73 2-Hexanone	43	6.674	6.674	(0.960)	100123	20.0000	22
74 Dibromochloromethane	129	6.015	6.015	(0.865)	122823	20.0000	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	105799	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1066409	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	368623	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	196339	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	502806	40.0000	40
84 o-Xylene	106	7.862	7.862	(1.131)	241834	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	414889	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	86393	20.0000	16
88 Isopropylbenzene	105	8.344	8.344	(1.200)	606227	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	477903	50.0000	46
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	131862	20.0000	18
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	312500	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.465	(1.000)	655633	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	324844	20.0000	19
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	297186	20.0000	19
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	21946	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	166386	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				223453	40.0000	40
M 121 Xylene (Total)	100				744641	60.0000	60

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Lab Sample ID: CCV 460-132272/21 Calibration Date: 10/17/2012 04:51

Instrument ID: VOAMS5 Calib Start Date: 10/15/2012 06:19

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/15/2012 08:40

Lab File ID: e09143.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1955	0.2048	0.1000	21.0	20.0	4.8	25.0
Chloromethane	Ave	0.3809	0.3686	0.1000	19.4	20.0	-3.2	25.0
Vinyl chloride	Ave	0.3086	0.3033	0.1000	19.7	20.0	-1.7	25.0
Bromomethane	Ave	0.1877	0.1871	0.1000	19.9	20.0	-0.3	25.0
Chloroethane	Ave	0.1627	0.1487	0.1000	18.3	20.0	-8.6	25.0
Trichlorofluoromethane	Ave	0.3145	0.3392	0.1000	21.6	20.0	7.9	25.0
1,1-Dichloroethene	Ave	0.1782	0.1730	0.1000	19.4	20.0	-3.0	25.0
Carbon disulfide	Ave	0.7211	0.8386	0.1000	23.3	20.0	16.3	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	LinF	0.2108	0.2432	0.1000	20.2	20.0	0.8	25.0
Methylene Chloride	Ave	0.3617	0.3874	0.1000	21.4	20.0	7.1	25.0
Acetone	Ave	0.0245	0.0275*	0.1000	22.4	20.0	12.1	25.0
trans-1,2-Dichloroethene	Ave	0.2289	0.2288	0.1000	20.0	20.0	-0.0	25.0
Methyl acetate	Ave	0.0471	0.0634*	0.1000	26.9	20.0	34.5*	25.0
Methyl tert-butyl ether	Ave	0.7580	0.9235	0.1000	24.4	20.0	21.8	25.0
1,1-Dichloroethane	Ave	0.4830	0.5071	0.1000	21.0	20.0	5.0	25.0
cis-1,2-Dichloroethene	Ave	0.2489	0.2583	0.1000	20.7	20.0	3.7	25.0
Cyclohexane	LinF	0.3905	0.4336	0.1000	18.1	20.0	-9.5	25.0
Chloroform	Ave	0.4333	0.4597	0.1000	21.2	20.0	6.1	25.0
Carbon tetrachloride	Ave	0.3201	0.2865	0.1000	17.9	20.0	-10.5	25.0
1,1,1-Trichloroethane	Ave	0.3795	0.3589	0.1000	18.9	20.0	-5.4	25.0
2-Butanone (MEK)	LinF	0.0371	0.0486*	0.1000	22.3	20.0	11.5	25.0
Benzene	Ave	1.097	1.091	0.1000	19.9	20.0	-0.6	25.0
1,2-Dichloroethane	Ave	0.3642	0.4064	0.1000	22.3	20.0	11.6	25.0
Methylcyclohexane	LinF	0.3324	0.3684	0.1000	18.1	20.0	-9.4	25.0
Trichloroethene	Ave	0.2666	0.2549	0.1000	19.1	20.0	-4.4	25.0
1,2-Dichloropropane	Ave	0.2726	0.2868	0.1000	21.0	20.0	5.2	25.0
Dichlorobromomethane	Ave	0.3516	0.3697	0.1000	21.0	20.0	5.2	25.0
cis-1,3-Dichloropropene	Ave	0.4707	0.4887	0.1000	20.8	20.0	3.8	25.0
Toluene	Ave	1.270	1.257	0.1000	19.8	20.0	-1.0	25.0
Tetrachloroethene	Ave	0.3181	0.2980	0.1000	18.7	20.0	-6.3	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2808	0.3429	0.1000	24.4	20.0	22.1	25.0
trans-1,3-Dichloropropene	Ave	0.4351	0.4604	0.1000	21.2	20.0	5.8	25.0
1,1,2-Trichloroethane	Ave	0.2054	0.2319	0.1000	22.6	20.0	12.9	25.0
Chlorodibromomethane	Ave	0.3009	0.3316	0.1000	22.0	20.0	10.2	25.0
Ethylene Dibromide	Ave	0.2556	0.2933	0.1000	23.0	20.0	14.8	25.0
2-Hexanone	Ave	0.2080	0.2679	0.1000	25.8	20.0	28.8*	25.0
Chlorobenzene	Ave	0.8831	0.8955	0.1000	20.3	20.0	1.4	25.0
Ethylbenzene	Ave	0.4718	0.4488	0.1000	19.0	20.0	-4.9	25.0
m-Xylene & p-Xylene	Ave	0.5897	0.5770	0.1000	39.1	40.0	-2.2	25.0
o-Xylene	Ave	0.5721	0.5762	0.1000	20.1	20.0	0.7	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab Sample ID: CCV 460-132272/21 Calibration Date: 10/17/2012 04:51
 Instrument ID: VOAMS5 Calib Start Date: 10/15/2012 06:19
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/15/2012 08:40
 Lab File ID: e09143.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	LinF	0.2194	0.2442	0.1000	19.3	20.0	-3.6	25.0
Styrene	Ave	0.9875	1.010	0.1000	20.5	20.0	2.3	25.0
Isopropylbenzene	Ave	1.406	1.376	0.1000	19.6	20.0	-2.1	25.0
1,1,2,2-Tetrachloroethane	Ave	0.5503	0.6303	0.1000	22.9	20.0	14.5	25.0
1,3-Dichlorobenzene	Ave	1.234	1.281	0.1000	20.8	20.0	3.8	25.0
1,4-Dichlorobenzene	Ave	1.289	1.327	0.1000	20.6	20.0	2.9	25.0
1,2-Dichlorobenzene	Ave	1.176	1.270	0.1000	21.6	20.0	8.0	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0953	0.1210	0.1000	25.4	20.0	27.0*	25.0
1,2,4-Trichlorobenzene	Ave	0.6757	0.7193	0.1000	21.3	20.0	6.5	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3094	0.3098	0.1000	50.1	50.0	0.1	25.0
Toluene-d8 (Surr)	Ave	1.097	1.133	0.1000	51.6	50.0	3.3	25.0
4-Bromofluorobenzene	Ave	0.7937	0.8045	0.1000	50.7	50.0	1.4	25.0

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09143.d
 Report Date: 17-Oct-2012 05:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09143.d
 Lab Smp Id: CCV
 Inj Date : 17-OCT-2012 04:51
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 17-Oct-2012 05:11 audberto Quant Type: ISTD
 Cal Date : 17-OCT-2012 04:51 Cal File: e09143.d
 Als bottle: 26 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	85872	20.0000	21
3 Chloromethane	50	1.016	1.016	(0.283)	154542	20.0000	19
4 Vinyl Chloride	62	1.028	1.028	(0.286)	127171	20.0000	20
6 Bromomethane	94	1.181	1.181	(0.328)	78458	20.0000	20
5 Chloroethane	64	1.236	1.236	(0.344)	62346	20.0000	18
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	142208	20.0000	22
14 Freon TF	101	1.571	1.571	(0.437)	101963	20.0000	20
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	72522	20.0000	19
16 Acetone	58	1.900	1.900	(0.529)	11520	20.0000	22
18 Carbon Disulfide	76	1.565	1.565	(0.435)	351573	20.0000	23
27 Methyl Acetate	74	1.967	1.967	(0.547)	26564	20.0000	27
22 Methylene Chloride	49	1.857	1.857	(0.517)	162398	20.0000	21
28 MTBE	73	2.022	2.022	(0.562)	387193	20.0000	24
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	95923	20.0000	20
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	212613	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	108275	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09143.d
 Report Date: 17-Oct-2012 05:11

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	20370	20.0000	22
42 Chloroform	83	2.845	2.845	(0.791)	192712	20.0000	21
44 Cyclohexane	56	2.784	2.784	(0.774)	181777	20.0000	18
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	150485	20.0000	19
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	120124	20.0000	18
48 Benzene	78	3.260	3.260	(0.469)	428615	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	324697	50.0000	50
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	170404	20.0000	22
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1048145	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	106876	20.0000	19
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	154446	20.0000	18
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	120244	20.0000	21
68 Bromodichloromethane	83	4.272	4.272	(1.188)	154996	20.0000	21
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	191940	20.0000	21
70 4-Methyl-2-Pentanone	43	5.631	5.631	(0.810)	134677	20.0000	24
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1112405	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	493826	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	180828	20.0000	21
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	91063	20.0000	22
71 Tetrachloroethene	166	5.582	5.582	(0.803)	117033	20.0000	19
73 2-Hexanone	43	6.680	6.680	(0.961)	105217	20.0000	26
74 Dibromochloromethane	129	6.021	6.021	(0.866)	130226	20.0000	22
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	115194	20.0000	23
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	981863	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	351707	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	176280	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	453192	40.0000	39
84 o-Xylene	106	7.862	7.862	(1.131)	226286	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	396848	20.0000	20
86 Bromoform	173	7.917	7.917	(1.139)	95923	20.0000	19
88 Isopropylbenzene	105	8.344	8.344	(1.200)	540304	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	467800	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	146575	20.0000	23
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	297826	20.0000	21
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.465	(1.000)	581404	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	308496	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	295388	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	28139	20.0000	25
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	167285	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				204199	40.0000	41
M 121 Xylene (Total)	100				679479	60.0000	59

Data File: e09143.d

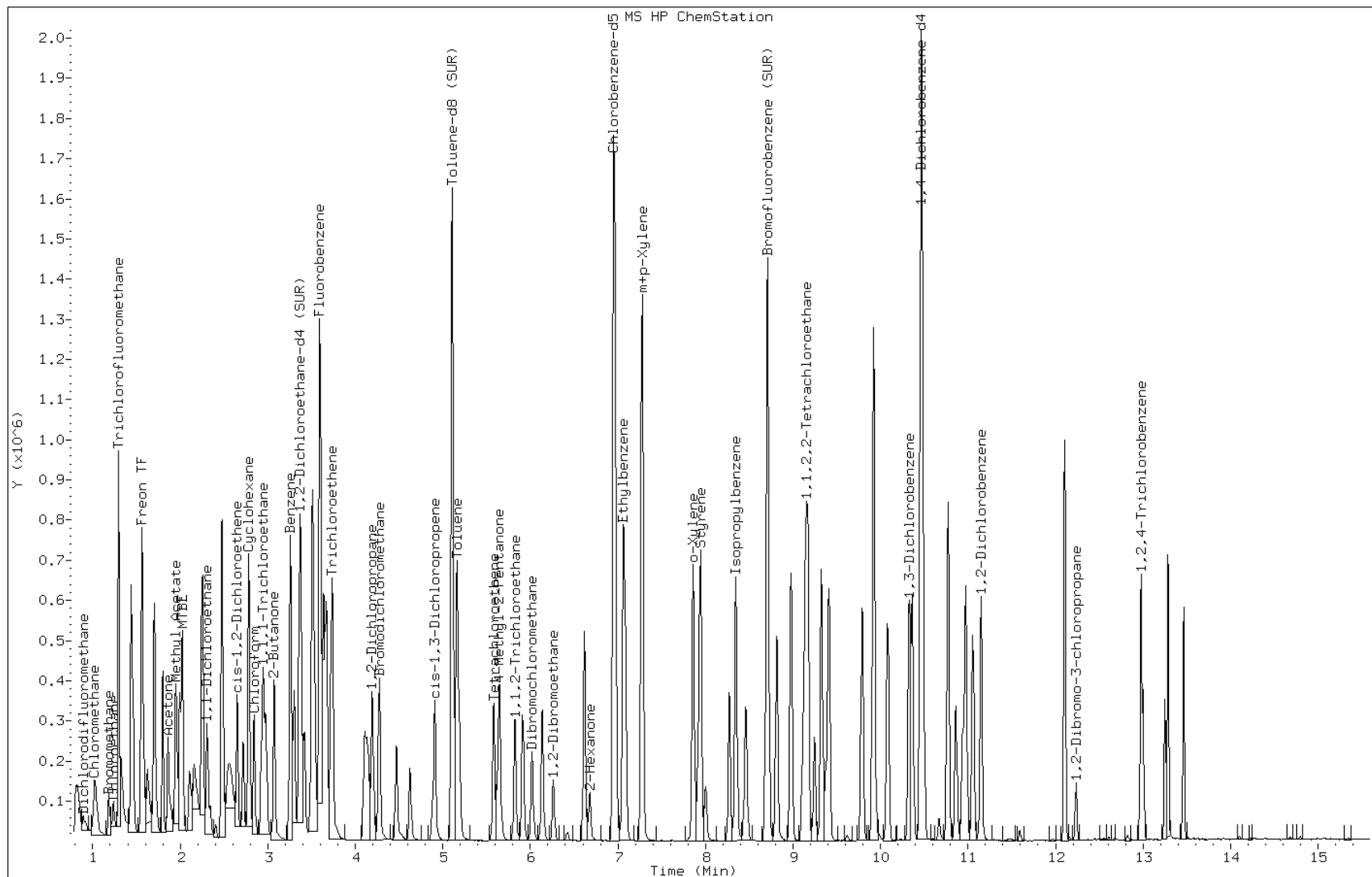
Date: 17-OCT-2012 04:51

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09031.d
 Report Date: 15-Oct-2012 08:39

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09031.d
 Lab Smp Id: BFB
 Inj Date : 15-OCT-2012 05:34
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.357	2.600 (0.000)	95	42448			0.00- 100.00	100.00
2.357	2.600 (0.000)	50	9081			15.00- 40.00	21.39
2.357	2.600 (0.000)	75	21944			30.00- 60.00	51.70
2.357	2.600 (0.000)	96	2817			5.00- 9.00	6.64
2.357	2.600 (0.000)	173	399			0.00- 2.00	1.00
2.357	2.600 (0.000)	174	39952			50.00- 100.00	94.12
2.357	2.600 (0.000)	175	3109			5.00- 9.00	7.78
2.357	2.600 (0.000)	176	40160			95.00- 101.00	100.52
2.357	2.600 (0.000)	177	2938			5.00- 9.00	7.32

Data File: e09031.d

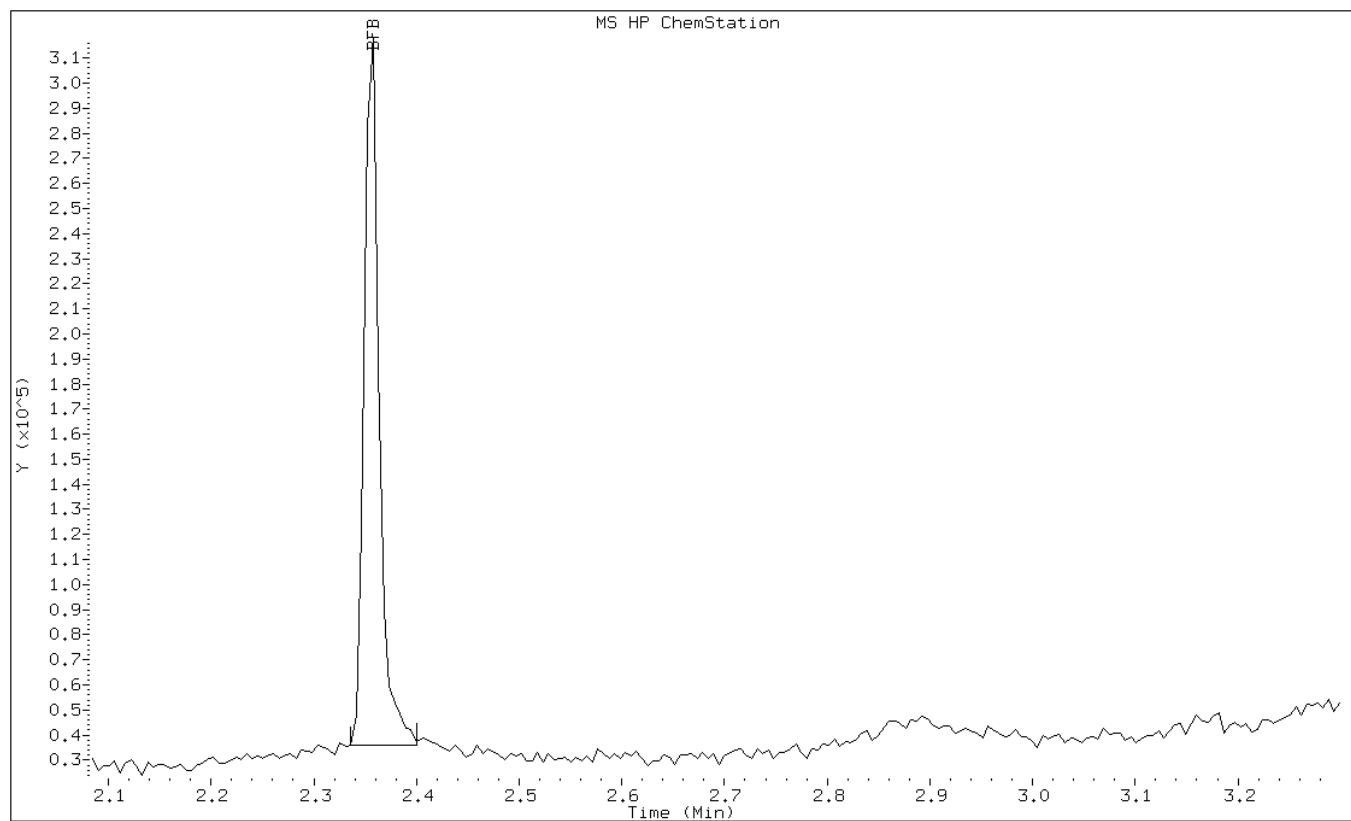
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Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e09031.d

Date: 15-OCT-2012 05:34

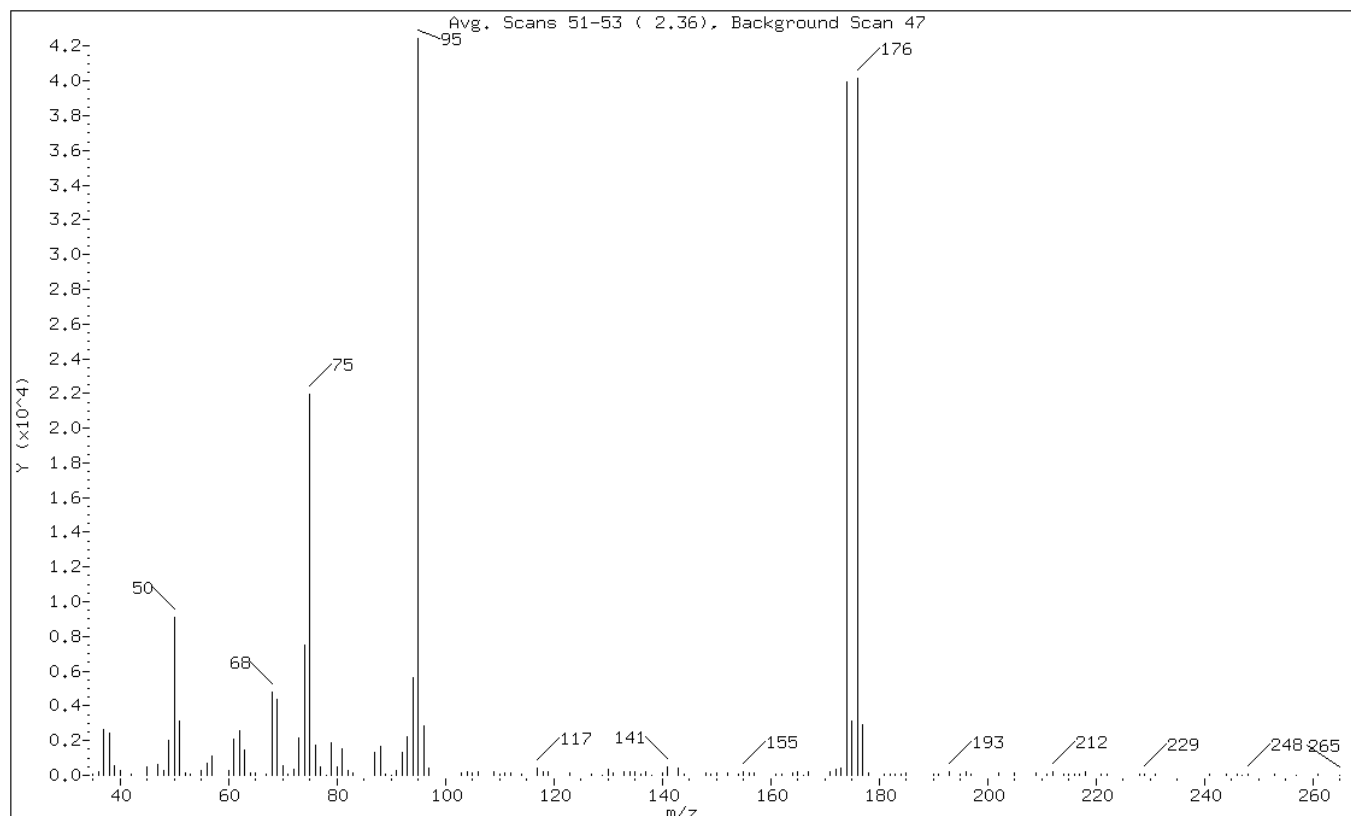
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.39
75	30.00 - 60.00% of mass 95	51.70
96	5.00 - 9.00% of mass 95	6.64
173	Less than 2.00% of mass 174	0.94 (1.00)
174	50.00 - 100.00% of mass 95	94.12
175	5.00 - 9.00% of mass 174	7.32 (7.78)
176	95.00 - 101.00% of mass 174	94.61 (100.52)
177	5.00 - 9.00% of mass 176	6.92 (7.32)

Data File: e09031.d

Date: 15-OCT-2012 05:34

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b/e09031.d
Spectrum: Avg. Scans 51-53 (2.36), Background Scan 47
Location of Maximum: 95.00
Number of points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	98	78.00	12	134.00	174	185.00	112
36.00	196	79.00	1894	135.00	186	190.00	71
37.00	2619	80.00	520	136.00	71	191.00	92
38.00	2401	81.00	1550	137.00	176	193.00	204
39.00	544	82.00	267	138.00	34	195.00	41
40.00	285	83.00	111	140.00	130	196.00	174
42.00	44	87.00	1292	141.00	502	197.00	35
45.00	521	88.00	1691	143.00	398	202.00	129
47.00	612	89.00	55	144.00	81	205.00	152
48.00	305	90.00	34	148.00	149	209.00	127
49.00	2031	91.00	294	149.00	45	211.00	81
50.00	9081	92.00	1299	150.00	116	212.00	239
51.00	3139	93.00	2232	152.00	109	214.00	103
52.00	142	94.00	5653	154.00	73	215.00	35
53.00	62	95.00	42448	155.00	235	216.00	55
55.00	247	96.00	2817	156.00	146	217.00	98
56.00	678	97.00	414	157.00	120	218.00	177
57.00	1134	103.00	143	161.00	101	221.00	81
60.00	299	104.00	214	162.00	85	222.00	82
61.00	2105	105.00	128	164.00	173	228.00	35
62.00	2538	106.00	183	165.00	204	229.00	103
63.00	1474	109.00	188	166.00	19	231.00	58
64.00	155	110.00	75	167.00	203	241.00	56
65.00	112	111.00	136	171.00	211	244.00	86
67.00	84	112.00	108	172.00	366	246.00	38
68.00	4762	114.00	59	173.00	399	247.00	34
69.00	4381	117.00	425	174.00	39952	248.00	50
70.00	526	118.00	243	175.00	3109	253.00	36
71.00	76	119.00	197	176.00	40160	257.00	34
72.00	360	123.00	122	177.00	2938	261.00	35
73.00	2159	127.00	68	178.00	128	265.00	34
74.00	7489	129.00	21	181.00	36		
75.00	21944	130.00	337	182.00	81		
76.00	1734	131.00	126	183.00	50		
77.00	492	133.00	188	184.00	45		

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09117.d
 Report Date: 16-Oct-2012 18:51

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09117.d
 Lab Smp Id: BFB
 Inj Date : 16-OCT-2012 17:41
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.331	2.600 (0.000)	95	45896			0.00- 100.00	100.00
2.331	2.600 (0.000)	50	10845			15.00- 40.00	23.63
2.331	2.600 (0.000)	75	22600			30.00- 60.00	49.24
2.331	2.600 (0.000)	96	2617			5.00- 9.00	5.70
2.331	2.600 (0.000)	173	128			0.00- 2.00	0.30
2.331	2.600 (0.000)	174	43032			50.00- 100.00	93.76
2.331	2.600 (0.000)	175	2971			5.00- 9.00	6.90
2.331	2.600 (0.000)	176	40928			95.00- 101.00	95.11
2.331	2.600 (0.000)	177	2834			5.00- 9.00	6.92

Data File: e09117.d

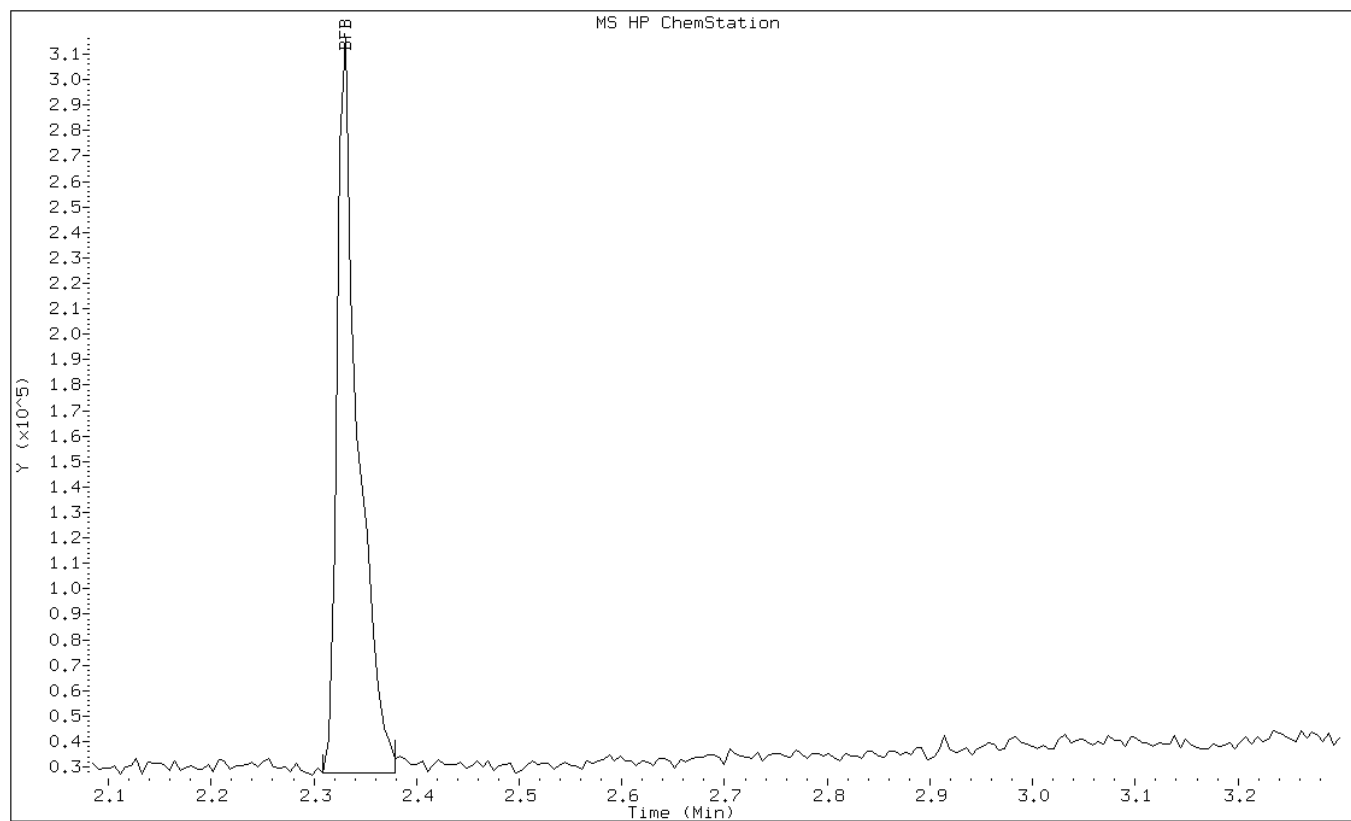
Date: 16-OCT-2012 17:41

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e09117.d

Date: 16-OCT-2012 17:41

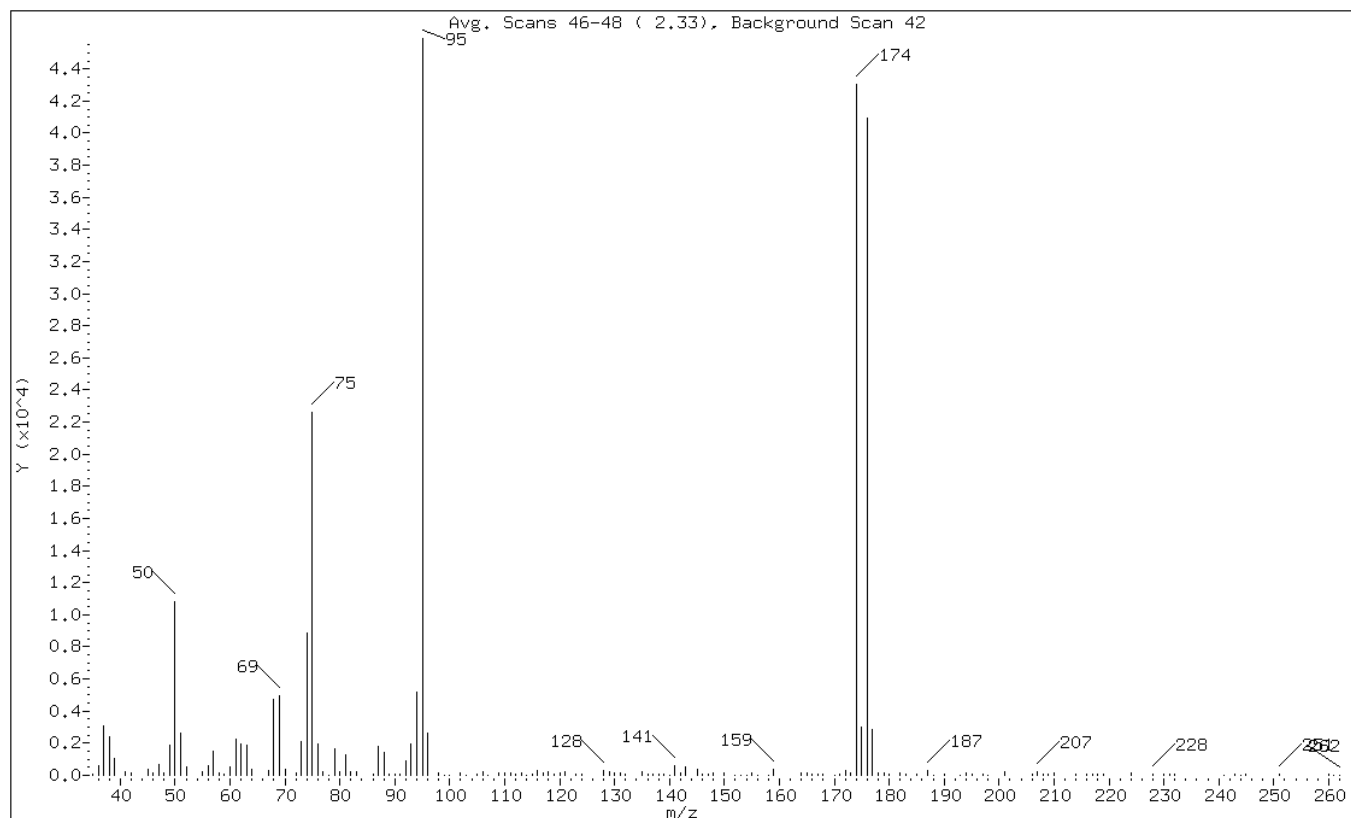
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.63
75	30.00 - 60.00% of mass 95	49.24
96	5.00 - 9.00% of mass 95	5.70
173	Less than 2.00% of mass 174	0.28 (0.30)
174	50.00 - 100.00% of mass 95	93.76
175	5.00 - 9.00% of mass 174	6.47 (6.90)
176	95.00 - 101.00% of mass 174	89.18 (95.11)
177	5.00 - 9.00% of mass 176	6.17 (6.92)

Data File: e09117.d

Date: 16-OCT-2012 17:41

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09117.d
Spectrum: Avg. Scans 46-48 (2.33), Background Scan 42
Location of Maximum: 95.00
Number of points: 152

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	90	82.00	209	131.00	183	182.00	180
36.00	597	83.00	249	132.00	109	183.00	74
37.00	3101	86.00	92	135.00	203	185.00	49
38.00	2426	87.00	1833	136.00	91	187.00	264
39.00	1084	88.00	1405	137.00	107	188.00	35
41.00	218	89.00	64	138.00	78	190.00	44
42.00	127	90.00	81	139.00	55	193.00	37
45.00	350	91.00	97	140.00	37	194.00	115
46.00	179	92.00	919	141.00	572	195.00	49
47.00	682	93.00	1933	142.00	116	197.00	46
48.00	160	94.00	5207	143.00	520	198.00	34
49.00	1904	95.00	45896	145.00	363	201.00	205
50.00	10845	96.00	2617	146.00	43	206.00	41
51.00	2625	98.00	148	147.00	47	207.00	197
52.00	489	99.00	3	148.00	156	208.00	40
55.00	199	100.00	34	150.00	139	209.00	49
56.00	621	102.00	139	152.00	28	210.00	125
57.00	1485	103.00	19	153.00	31	214.00	68
58.00	117	105.00	63	154.00	10	216.00	86
59.00	109	106.00	217	155.00	146	217.00	101
60.00	550	107.00	6	156.00	32	218.00	73
61.00	2250	109.00	187	158.00	18	219.00	56
62.00	1990	110.00	183	159.00	368	224.00	157
63.00	1891	111.00	119	164.00	157	228.00	79
64.00	374	112.00	45	165.00	164	230.00	63
67.00	328	113.00	136	166.00	49	231.00	49
68.00	4735	114.00	36	167.00	69	232.00	51
69.00	4940	115.00	62	168.00	52	241.00	34
70.00	357	116.00	268	170.00	17	243.00	60
72.00	121	117.00	179	171.00	97	244.00	34
73.00	2112	118.00	241	172.00	317	245.00	42
74.00	8885	119.00	79	173.00	128	251.00	82
75.00	22600	120.00	153	174.00	43032	260.00	45
76.00	1943	121.00	188	175.00	2971	261.00	35
77.00	233	123.00	73	176.00	40928	262.00	34
78.00	23	124.00	78	177.00	2834		
79.00	1615	128.00	290	178.00	181		
80.00	217	129.00	239	179.00	141		
81.00	1266	130.00	134	180.00	49		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-132272/4
Matrix: Water Lab File ID: e09122.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 10/16/2012 19:57
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 132272 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.15	U	1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	109		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09122.d
 Report Date: 16-Oct-2012 21:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09122.d
 Lab Smp Id: MB
 Inj Date : 16-OCT-2012 19:57
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 16-Oct-2012 18:52 martinez Quant Type: ISTD
 Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	356420		53.9489	54
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1123902		50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1162949		51.8072	52
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1033484		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	481722		54.3174	54
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.465	(1.000)	608342		50.0000	

Data File: e09122.d

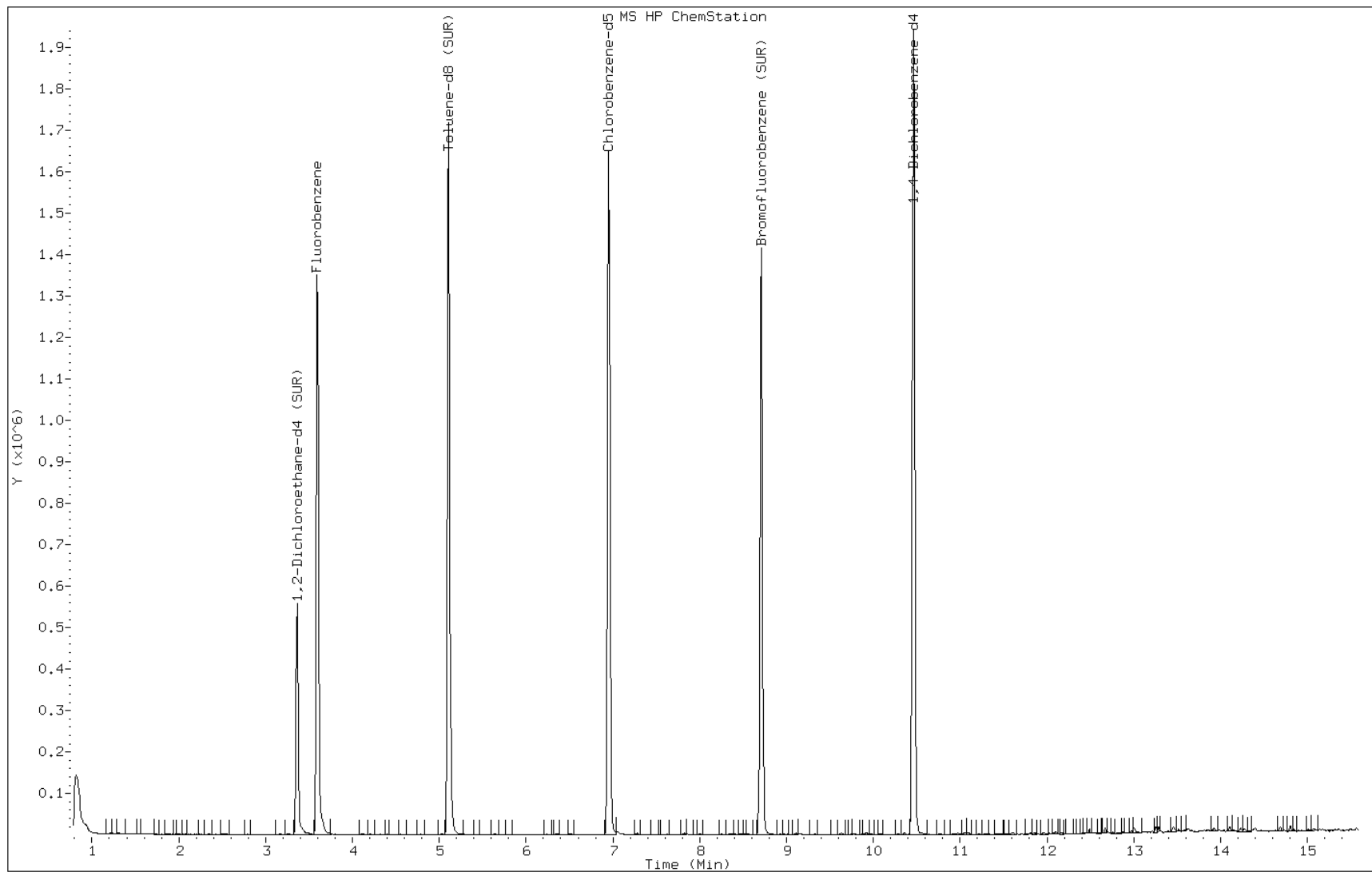
Date: 16-OCT-2012 19:57

Client ID:

Instrument: VOAMS5.i

Sample Info: MB

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-132272/3
Matrix: Water Lab File ID: e09119.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 10/16/2012 18:26
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 132272 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.1		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	106		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09119.d
 Report Date: 16-Oct-2012 18:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09119.d
 Lab Smp Id: LCS
 Inj Date : 16-OCT-2012 18:26
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 16-Oct-2012 18:52 martinez Quant Type: ISTD
 Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
 Als bottle: 2 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	84431	20.5477	20
3 Chloromethane	50	1.016	1.016	(0.283)	168396	20.4210	20
4 Vinyl Chloride	62	1.022	1.022	(0.284)	135037	20.1130	20
6 Bromomethane	94	1.175	1.181	(0.327)	84042	19.5974	20
5 Chloroethane	64	1.230	1.236	(0.342)	71540	18.0906	18
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	146682	19.2561	19
14 Freon TF	101	1.565	1.571	(0.435)	102263	20.4187	20
15 1,1-Dichloroethene	96	1.547	1.553	(0.430)	84443	20.5311	20
16 Acetone	58	1.894	1.894	(0.527)	15419	22.8435	23
18 Carbon Disulfide	76	1.565	1.565	(0.435)	332433	20.7311	21
27 Methyl Acetate	74	1.961	1.961	(0.546)	23387	21.3679	21
22 Methylene Chloride	49	1.857	1.857	(0.517)	169369	20.2732	20
28 MTBE	73	2.016	2.016	(0.561)	364715	20.8066	21
25 trans-1,2-Dichloroethene	96	1.943	1.949	(0.540)	105748	20.1670	20
30 1,1-Dichloroethane	63	2.303	2.309	(0.640)	221929	19.3866	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	116133	20.1561	20

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09119.d
 Report Date: 16-Oct-2012 18:53

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)		22395	22.1772	22
42 Chloroform	83		2.839	2.839	(0.790)		199206	19.5403	20
44 Cyclohexane	56		2.778	2.784	(0.773)		188778	20.9128	21
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)		174215	20.0264	20
45 Carbon Tetrachloride	117		2.930	2.930	(0.815)		143330	19.9947	20
48 Benzene	78		3.260	3.260	(0.469)		470199	19.4180	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.357	3.363	(0.934)		344410	51.3465	51
49 1,2-Dichloroethane	62		3.412	3.412	(0.949)		169332	20.3687	20
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		1141076	50.0000	
54 Trichloroethene	95		3.735	3.741	(1.039)		118592	20.2289	20
56 Methyl cyclohexane	83		3.729	3.729	(1.037)		163397	20.6698	21
57 1,2-Dichloropropane	63		4.192	4.192	(1.166)		125650	20.0316	20
68 Bromodichloromethane	83		4.272	4.272	(1.188)		157651	20.1267	20
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		204067	19.8965	20
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		130095	21.6151	22
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		1210661	51.2071	51
66 Toluene	91		5.162	5.162	(0.742)		556672	20.0905	20
64 trans-1,3-Dichloropropene	75		5.649	5.649	(0.812)		188143	20.1583	20
69 1,1,2-Trichloroethane	83		5.820	5.820	(0.837)		87438	20.0586	20
71 Tetrachloroethene	166		5.582	5.582	(0.803)		141494	20.0235	20
73 2-Hexanone	43		6.680	6.674	(0.961)		106633	20.8684	21
74 Dibromochloromethane	129		6.015	6.015	(0.865)		129102	20.5961	20
77 1,2-Dibromoethane	107		6.259	6.259	(0.900)		111617	20.6717	21
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		1088492	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		387529	20.5992	20
81 Ethylbenzene	106		7.064	7.064	(1.016)		205883	20.5467	20
82 m+p-Xylene	106		7.277	7.277	(1.046)		521200	40.6221	41
84 o-Xylene	106		7.862	7.862	(1.131)		256089	20.7492	21
85 Styrene	104		7.942	7.942	(1.142)		437021	20.6395	21
86 Bromoform	173		7.911	7.911	(1.138)		93672	21.2451	21
88 Isopropylbenzene	105		8.344	8.344	(1.200)		638370	20.6332	21
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		515221	53.1504	53
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		147481	22.0562	22
105 1,3-Dichlorobenzene	146		10.325	10.331	(0.987)		329319	20.7816	21
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.465	(1.000)		664933	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		340671	20.6811	21
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)		313115	20.7772	21
112 1,2-Dibromo-3-chloropropane	75		12.233	12.233	(1.169)		25398	22.8227	23
114 1,2,4-Trichlorobenzene	180		12.977	12.977	(1.240)		183879	21.7935	22
M 120 1,2-Dichloroethene (Total)	100						221881	40.3231	40
M 121 Xylene (Total)	100						777289	61.3713	61

Data File: e09119.d

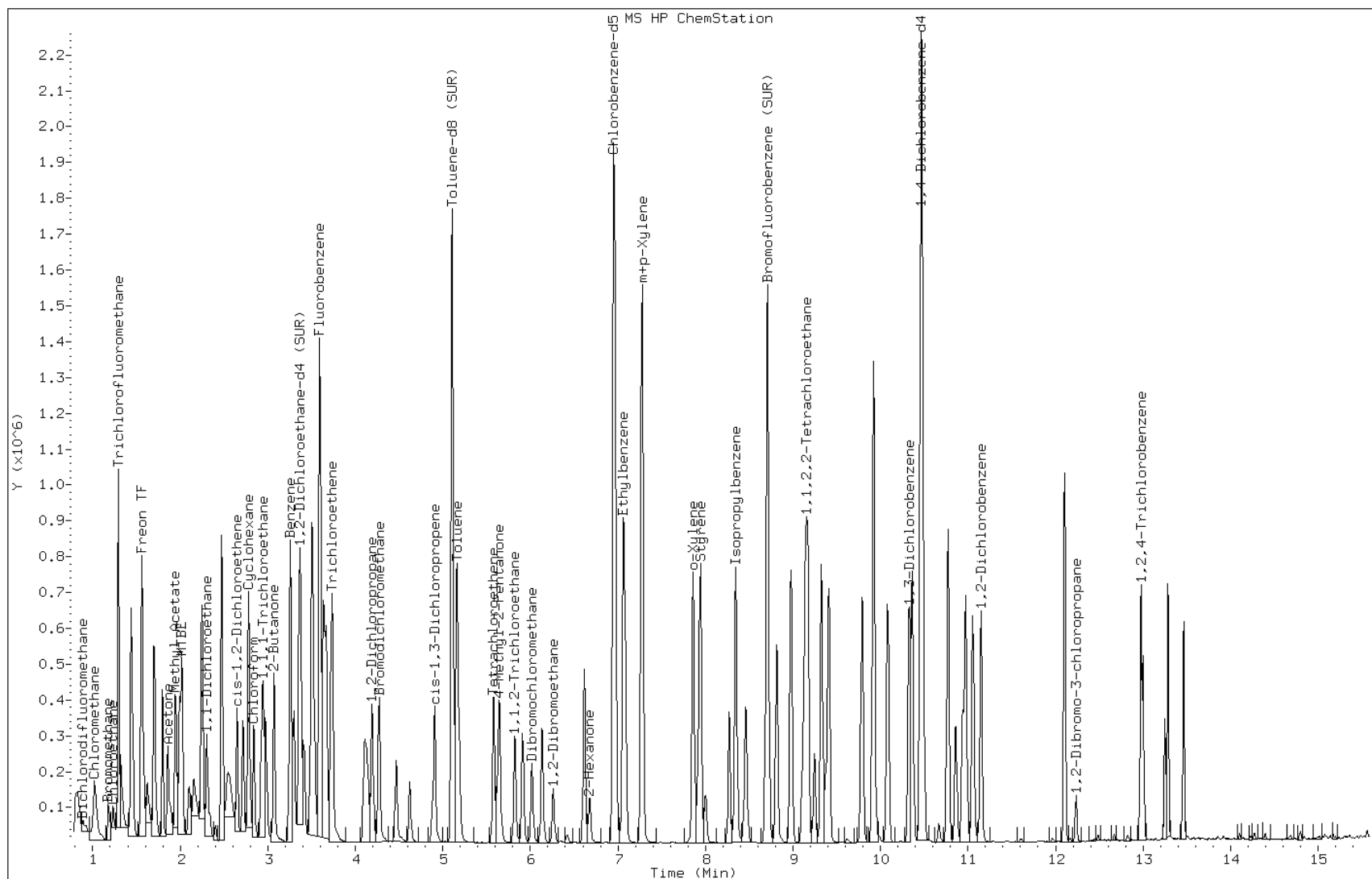
Date: 16-OCT-2012 18:26

Client ID:

Instrument: VOAMS5.i

Sample Info: LCS

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Client Sample ID: WG-17338-1011120MW-11-MM- Lab Sample ID: 460-45869-1 MS
Matrix: Water Lab File ID: e09127.d
Analysis Method: 8260B Date Collected: 10/11/2012 09:50
Sample wt/vol: 5(mL) Date Analyzed: 10/16/2012 22:13
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 132272 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	144		5.0	0.75

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
460-00-4	4-Bromofluorobenzene	110		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09127.d
 Report Date: 17-Oct-2012 02:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09127.d
 Lab Smp Id: 460-45869-A-1 MS Client Smp ID: WG-17338-1011120MW-
 Inj Date : 16-OCT-2012 22:13
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45869-A-1 MS;5
 Misc Info : 460-45869-A-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 16-Oct-2012 18:52 martinez Quant Type: ISTD
 Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
 Als bottle: 10 QC Sample: MS
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	93684	23.2142	120
3 Chloromethane	50	1.016	1.016	(0.283)	176600	21.8055	110
4 Vinyl Chloride	62	1.022	1.022	(0.284)	147874	22.4255	110
6 Bromomethane	94	1.181	1.181	(0.328)	86993	20.6545	100
5 Chloroethane	64	1.236	1.236	(0.344)	84272	21.6978	110
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	172936	23.1156	120
14 Freon TF	101	1.571	1.571	(0.437)	105369	21.4216	110
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	89111	22.0601	110
16 Acetone	58	1.894	1.894	(0.527)	12234	18.4541	92
18 Carbon Disulfide	76	1.565	1.565	(0.435)	393408	24.9798	120
27 Methyl Acetate	74	1.961	1.961	(0.546)	18702	17.3984	87
22 Methylene Chloride	49	1.857	1.857	(0.517)	174331	21.2467	110
28 MTBE	73	2.022	2.016	(0.562)	1336012	77.6041	390(R)
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	107735	20.9197	100
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	227560	20.2401	100
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	118827	20.9987	100

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09127.d
 Report Date: 17-Oct-2012 02:57

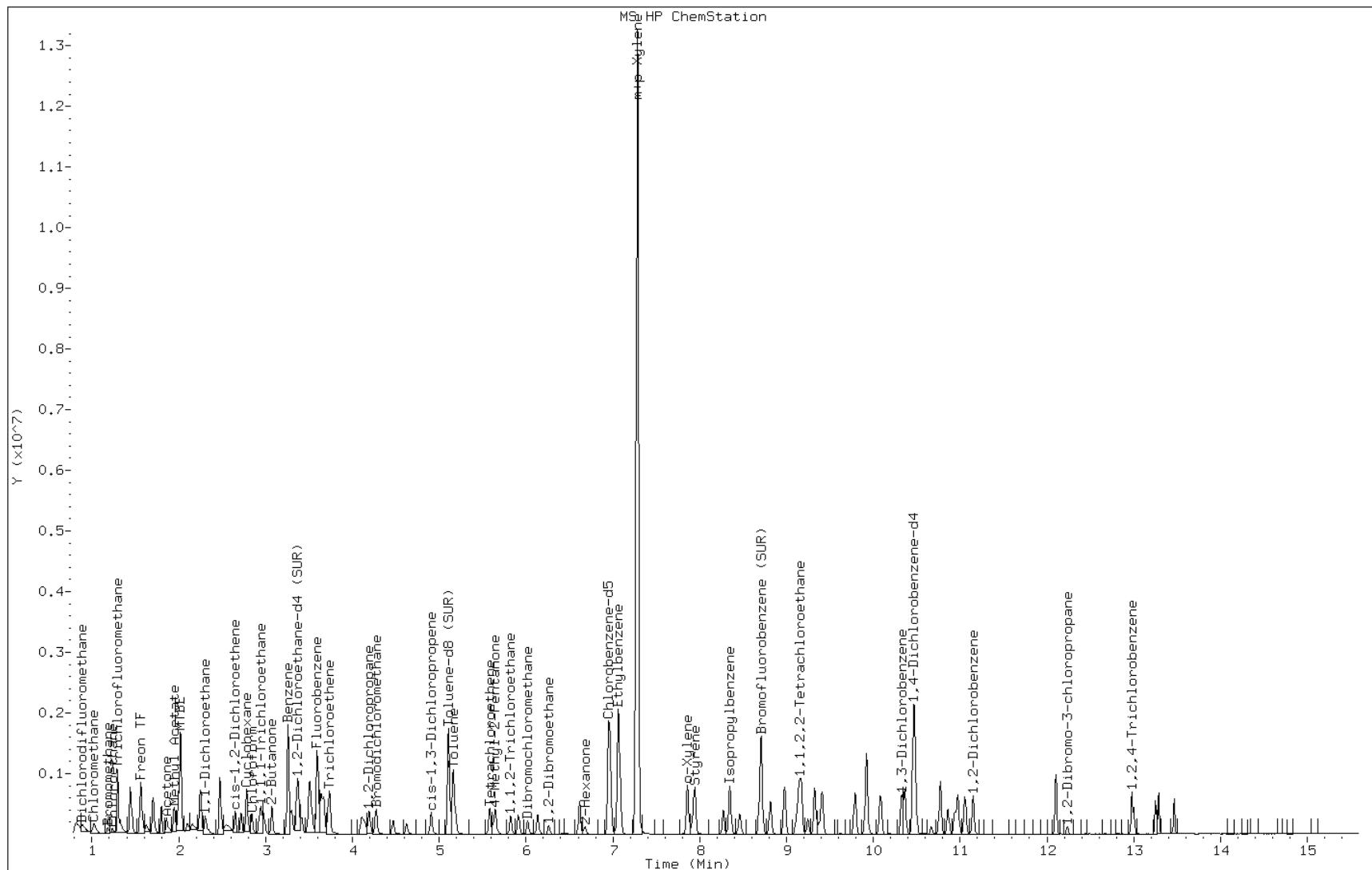
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.071	(0.856)	19930	20.0948	100
42 Chloroform	83	2.845	2.839	(0.791)	205862	20.5605	100
44 Cyclohexane	56	2.784	2.784	(0.774)	201342	22.7103	110
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	179882	21.0539	100
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	148651	21.1143	100
48 Benzene	78	3.260	3.260	(0.469)	1199954	50.5106	250(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	346083	52.5343	52
49 1,2-Dichloroethane	62	3.418	3.412	(0.951)	169285	20.7334	100
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1120692	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	121385	21.0819	100
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	165966	21.3768	110
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	128894	20.9226	100
68 Bromodichloromethane	83	4.272	4.272	(1.188)	165093	21.4601	110
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	206300	20.5021	100
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	139103	23.5575	120
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1206694	52.0237	52
66 Toluene	91	5.162	5.162	(0.742)	781265	28.7400	140(R)
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	191919	20.9595	100
69 1,1,2-Trichloroethane	83	5.826	5.820	(0.838)	87236	20.3982	100
71 Tetrachloroethene	166	5.582	5.582	(0.803)	148482	21.4178	110
73 2-Hexanone	43	6.680	6.674	(0.961)	107307	21.4052	110
74 Dibromochloromethane	129	6.015	6.015	(0.865)	130632	21.2420	110
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	112446	21.2269	110
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1067896	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	390320	21.1477	100
81 Ethylbenzene	106	7.064	7.064	(1.016)	517170	52.6079	260(R)
82 m+p-Xylene	106	7.283	7.277	(1.047)	4340093	344.789	1700(R)
84 o-Xylene	106	7.862	7.862	(1.131)	276540	22.8384	110
85 Styrene	104	7.942	7.942	(1.142)	442153	21.2846	110
86 Bromoform	173	7.911	7.911	(1.138)	94580	21.8648	110
88 Isopropylbenzene	105	8.350	8.344	(1.201)	667157	21.9795	110
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	510188	55.1996	55
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	150273	23.5705	120
105 1,3-Dichlorobenzene	146	10.325	10.331	(0.987)	321654	21.2884	110
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.465	(1.000)	633994	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	336507	21.4252	110
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	305740	21.2779	110
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	25772	24.2888	120(R)
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	173704	21.5923	110
M 120 1,2-Dichloroethene (Total)	100				226562	41.9184	210
M 121 Xylene (Total)	100				4616633	367.627	1800(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Instrument: V0AMS5.i

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Client Sample ID: WG-17338-1011120MW-11-MM- Lab Sample ID: 460-45869-1 MSD
Matrix: Water Lab File ID: e09128.d
Analysis Method: 8260B Date Collected: 10/11/2012 09:50
Sample wt/vol: 5(mL) Date Analyzed: 10/16/2012 22:37
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 132272 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	145		5.0	0.75

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
460-00-4	4-Bromofluorobenzene	112		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09128.d
 Report Date: 17-Oct-2012 02:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09128.d
 Lab Smp Id: 460-45869-A-1 MSD Client Smp ID: WG-17338-1011120MW-
 Inj Date : 16-OCT-2012 22:37
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45869-A-1 MSD;5
 Misc Info : 460-45869-A-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/8260DE_09.m
 Meth Date : 16-Oct-2012 18:52 martinez Quant Type: ISTD
 Cal Date : 16-OCT-2012 18:02 Cal File: e09118.d
 Als bottle: 11 QC Sample: MSD
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894 (0.249)		105309	25.7550	130
3 Chloromethane	50	1.022	1.016 (0.284)		176801	21.5461	110
4 Vinyl Chloride	62	1.028	1.022 (0.286)		150829	22.5759	110
6 Bromomethane	94	1.181	1.181 (0.328)		83870	19.6538	98
5 Chloroethane	64	1.236	1.236 (0.344)		72097	18.3215	92
7 Trichlorofluoromethane	101	1.297	1.297 (0.361)		164634	21.7194	110
14 Freon TF	101	1.565	1.571 (0.435)		113443	22.7629	110
15 1,1-Dichloroethene	96	1.547	1.553 (0.430)		96060	23.4708	120
16 Acetone	58	1.900	1.894 (0.529)		12580	18.7298	94
18 Carbon Disulfide	76	1.565	1.565 (0.435)		420829	26.3731	130
27 Methyl Acetate	74	1.967	1.961 (0.547)		17706	16.2573	81
22 Methylene Chloride	49	1.857	1.857 (0.517)		176397	21.2186	110
28 MTBE	73	2.022	2.016 (0.562)		1328848	76.1831	380(R)
25 trans-1,2-Dichloroethene	96	1.949	1.949 (0.542)		109490	20.9837	100
30 1,1-Dichloroethane	63	2.309	2.309 (0.642)		229230	20.1232	100
36 cis-1,2-Dichloroethene	96	2.650	2.650 (0.737)		121488	21.1896	100

Data File: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b/e09128.d
 Report Date: 17-Oct-2012 02:57

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.071	(0.856)	19361	19.2670	96
42 Chloroform	83	2.845	2.839	(0.791)	214324	21.1270	100
44 Cyclohexane	56	2.784	2.784	(0.774)	202178	22.5078	110
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	187065	21.6097	110
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	149331	20.9347	100
48 Benzene	78	3.260	3.260	(0.469)	1226467	51.0291	260(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	350038	52.4430	52
49 1,2-Dichloroethane	62	3.418	3.412	(0.951)	172473	20.8489	100
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1135473	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	124870	21.4049	110
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	168980	21.4816	110
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	131820	21.1189	100
68 Bromodichloromethane	83	4.272	4.272	(1.188)	166194	21.3221	110
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	210440	20.6714	100
70 4-Methyl-2-Pentanone	43	5.631	5.625	(0.810)	141530	23.6912	120
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1217215	51.8699	52
66 Toluene	91	5.162	5.162	(0.742)	799950	29.0867	140(R)
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	195781	21.1338	100
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	88132	20.3691	100
71 Tetrachloroethene	166	5.582	5.582	(0.803)	153294	21.8559	110
73 2-Hexanone	43	6.680	6.674	(0.961)	107896	21.2737	110
74 Dibromochloromethane	129	6.021	6.015	(0.866)	132407	21.2815	110
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	114116	21.2928	110
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1080400	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	403274	21.5967	110
81 Ethylbenzene	106	7.064	7.064	(1.016)	527338	53.0213	260(R)
82 m+p-Xylene	106	7.283	7.277	(1.047)	4368992	343.068	1700(R)
84 o-Xylene	106	7.862	7.862	(1.131)	281692	22.9946	110
85 Styrene	104	7.942	7.942	(1.142)	451720	21.4935	110
86 Bromoform	173	7.911	7.911	(1.138)	96141	21.9685	110
88 Isopropylbenzene	105	8.350	8.344	(1.201)	681112	22.1795	110
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	516726	56.1701	56
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	152081	23.9663	120
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	330617	21.9847	110
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.465	(1.000)	631023	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	346396	22.1586	110
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	314423	21.9852	110
112 1,2-Dibromo-3-chloropropane	75	12.234	12.233	(1.169)	26950	25.5187	130(R)
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	175634	21.9350	110
M 120 1,2-Dichloroethene (Total)	100				230979	42.1733	210
M 121 Xylene (Total)	100				4650684	366.062	1800(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e09128.d

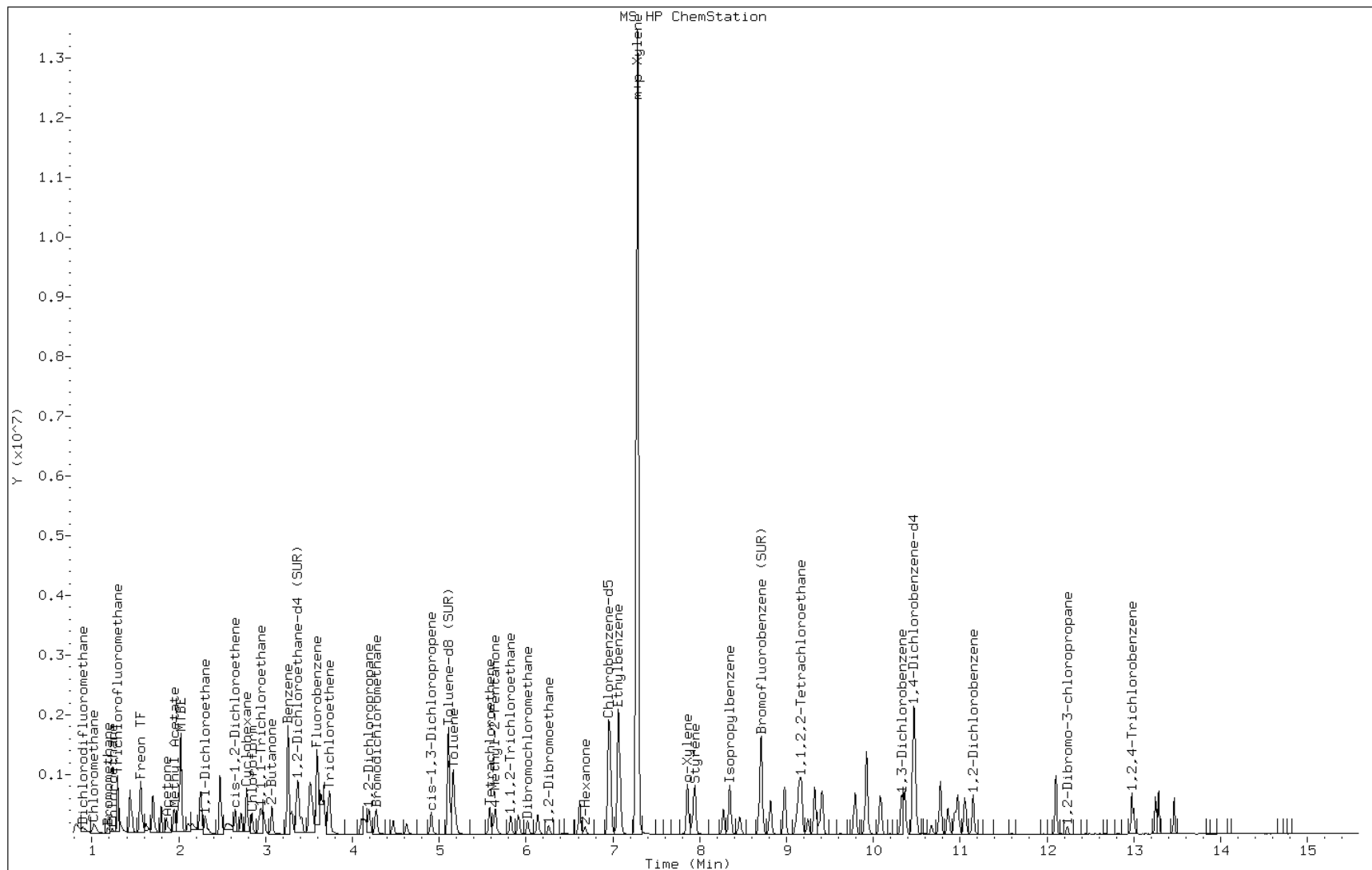
Date: 16-OCT-2012 22:37

Client ID: WG-17338-1011120MW-

Sample Info: 460-45869-A-1 MSD;5

Instrument: VOAMS5.i

Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 10/15/2012 05:34Analysis Batch Number: 132257 End Date: 10/15/2012 08:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-132257/1		10/15/2012 05:34	1	e09031.d	Rtx-VMS 0.18 (mm)
IC 460-132257/2		10/15/2012 06:19	1	e09033.d	Rtx-VMS 0.18 (mm)
IC 460-132257/3		10/15/2012 07:06	1	e09035.d	Rtx-VMS 0.18 (mm)
ICIS 460-132257/4		10/15/2012 07:29	1	e09036.d	Rtx-VMS 0.18 (mm)
IC 460-132257/5		10/15/2012 07:54	1	e09037.d	Rtx-VMS 0.18 (mm)
IC 460-132257/6		10/15/2012 08:17	1	e09038.d	Rtx-VMS 0.18 (mm)
IC 460-132257/7		10/15/2012 08:40	1	e09039.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 10/16/2012 17:41Analysis Batch Number: 132272 End Date: 10/17/2012 04:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-132272/1		10/16/2012 17:41	1	e09117.d	Rtx-VMS 0.18 (mm)
CCVIS 460-132272/2		10/16/2012 18:02	1	e09118.d	Rtx-VMS 0.18 (mm)
LCS 460-132272/3		10/16/2012 18:26	1	e09119.d	Rtx-VMS 0.18 (mm)
MB 460-132272/4		10/16/2012 19:57	1	e09122.d	Rtx-VMS 0.18 (mm)
ZZZZZ		10/16/2012 20:26	1		Rtx-VMS 0.18 (mm)
460-45869-5	TB-1738-101112 258	10/16/2012 20:49	1	e09124.d	Rtx-VMS 0.18 (mm)
ZZZZZ		10/16/2012 21:13	5		Rtx-VMS 0.18 (mm)
460-45869-1	WG-17338-1011120MW-11 -MM-254	10/16/2012 21:50	1	e09126.d	Rtx-VMS 0.18 (mm)
460-45869-1 MS	WG-17338-1011120MW-11 -MM-254 MS	10/16/2012 22:13	5	e09127.d	Rtx-VMS 0.18 (mm)
460-45869-1 MSD	WG-17338-1011120MW-11 -MM-254 MSD	10/16/2012 22:37	5	e09128.d	Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 00:10	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 00:34	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 00:57	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 01:20	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 01:44	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 02:07	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 02:31	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 02:54	2		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 03:17	10		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 03:41	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/17/2012 04:04	1		Rtx-VMS 0.18 (mm)
CCV 460-132272/21		10/17/2012 04:51	1	e09143.d	Rtx-VMS 0.18 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/10-15-12/15oct12.b

Date Generated: 10/16/2012

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/15/12 0534	e09031.d	2	BFB		0	0	1	all		8260 HIGH	
10/15/12 0619	e09033.d	2	IC-VMCAL1		5	0	1	HSDEL		8260 IS: 17149.0 SURR 500:	6
10/15/12 0706	e09035.d	4	IC-VMCAL2		5	0	1	HSDEL		SURR 260: 17140.1 GAS 500: 17896.12 MIX 1 500: 1763789 MIX 2 500: 1763802 MIX 3: 1763791 AC/AC: 1763740 GAS SP: 1784613 8260 SP: 1763803 MIX 3 SP: 1763746 AC/AC SP: 1763745 MISC:	6
10/15/12 0729	e09036.d	5	ICIS-VMCAL3		5	0	1	HSDEL			6
10/15/12 0754	e09037.d	6	IC-VMCAL4		5	0	1	HSDEL			6
10/15/12 0817	e09038.d	7	IC-VMCAL5		5	0	1	HSDEL			6
10/15/12 0840	e09039.d	8	IC-VMCAL6		5	0	1	HSDEL			6

Signed: Eddie M. Sr. AT Read and Understood by: S. Wilkney

Date: 10/16/12

Date: 10/16/12

14-Diox:
1763743
1763800
Ketone:
1763743
850:
1606410
Meth:
123274

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i
Analytical Batch: /chem/VOAMS5.i/8260DE/10-15-12/16oct12.b

Date Generated: 10/17/2012
Page 1

132272

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD LOT	COMMENTS
10/16/12 1741	e09117.d	2	BFB		0	0	1				
10/16/12 1802	e09118.d	1	CCVIS		5	0	1			8260 HIGH	C
10/16/12 1826	e09119.d	2	LCS		5	0	1			8260 HIGH	C
10/16/12 1910	e09120.d	3	MB		5	0	1			8260 HIGH	C
10/16/12 1934	e09121.d	4	MB		5	0	1			8260 HIGH	C
10/16/12 1957	e09122.d	5	MB		5	0	1			8260 HIGH	C
10/16/12 2026	e09123.d	6	460-45845-A-5	TRIP BLANK	5	0	1			8260 HIGH	C
10/16/12 2049	e09124.d	7	460-45845-A-5	TRIP BLANK	5	0	1			8260 HIGH	C
10/16/12 2113	e09125.d	8	460-45845-A-1	D1	5	0	1			8260 HIGH	C
10/16/12 2150	e09126.d	9	460-45845-A-1	D1	5	0	1			8260 HIGH	C
10/16/12 2213	e09127.d	10	460-45845-A-1 MS	D1	5	0	1			8260 HIGH	C
10/16/12 2237	e09128.d	11	460-45845-A-1 MSD	D1	5	0	1			8260 HIGH	C
10/16/12 2300	e09129.d	12	BLANK	D1	5	0	1			8260 HIGH	C
10/16/12 2324	e09130.d	13	BLANK	D1	5	0	1			8260 HIGH	C

5X → 10 mL → 50 mL FV.
2X → 25 mL → 50 mL FV.
10X → 5 mL → 50 mL FV.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMSS.i

Analytical Batch: /chem/VOAMSS.i/8260DE/10-15-12/16oct12.b

Date Generated: 10/17/2012

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/16/12	2347 e09131.d	14	BLANK		5	0	1	HSLDEL	-		denup.
10/17/12	0010 e09132.d	15	460-45873-B-1		5	0	1	HSLDEL	12		C
10/17/12	0034 e09133.d	16	460-45873-B-2		5	0	1	HSLDEL	12		C
10/17/12	0057 e09134.d	17	460-45845-A-1		5	0	1	HSLDEL	12		C
10/17/12	0120 e09135.d	18	460-45845-A-2		5	0	1	HSLDEL	12		C
10/17/12	0144 e09136.d	19	460-45845-A-3		5	0	1	HSLDEL	12		C
10/17/12	0207 e09137.d	20	460-45845-A-4		5	0	1	HSLDEL	12		C
10/17/12	0231 e09138.d	21	460-45840-A-1		5	0	1	HSLDEL	12		C
10/17/12	0254 e09139.d	22	460-45840-A-2		5	0	2	HSLDEL	12		C
10/17/12	0317 e09140.d	23	460-45840-A-4		5	0	10	HSLDEL	12		C
10/17/12	0341 e09141.d	24	460-45840-A-3		5	0	1	HSLDEL	12		C
10/17/12	0404 e09142.d	25	460-45840-A-5		5	0	1	HSLDEL	12		C
10/17/12	0451 e09143.d	26	CCV		5	0	1	HSLDEL	-		C

Signed: *Asubante for Eddie* Read and Understood by: *A. Syngard*

Date: 10/17/12

Date: 10/17/12

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-45869-1

SDG No.: _____

Project: 17338-TO4-2012, RACER, GM Wilmington

Client Sample ID

WG-17338-1011120MW-10-MM-255

WG-17338-1011120MW-15-MM-256

WG-17338-1011120MW-105-MM-257

Lab Sample ID

460-45869-2

460-45869-3

460-45869-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-1011120MW-10-MM-255

Lab Sample ID: 460-45869-2

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG ID.:

Matrix: Water

Date Sampled: 10/11/2012 11:10

Reporting Basis: WET

Date Received: 10/12/2012 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-1011120MW-10-MM-255

Lab Sample ID: 460-45869-2

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG ID.:

Matrix: Water

Date Sampled: 10/11/2012 11:10

Reporting Basis: WET

Date Received: 10/12/2012 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-1011120MW-15-MM-256

Lab Sample ID: 460-45869-3

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG ID.:

Matrix: Water

Date Sampled: 10/11/2012 13:30

Reporting Basis: WET

Date Received: 10/12/2012 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-1011120MW-15-MM-256 Lab Sample ID: 460-45869-3
Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG ID.:
Matrix: Water Date Sampled: 10/11/2012 13:30
Reporting Basis: WET Date Received: 10/12/2012 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-1011120MW-105-MM-257

Lab Sample ID: 460-45869-4

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG ID.:

Matrix: Water

Date Sampled: 10/11/2012 14:50

Reporting Basis: WET

Date Received: 10/12/2012 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	13.9	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	5.7	5.0	3.7	ug/L			1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	138000	5000	821	ug/L			1	6010B
7440-09-7	Potassium	6210	5000	525	ug/L			1	6010B
7440-39-3	Barium	84.6	200	5.9	ug/L	J		1	6010B
7440-70-2	Calcium	64900	5000	305	ug/L			1	6010B
7439-89-6	Iron	73.6	150	73.6	ug/L	U		1	6010B
7440-62-2	Vanadium	10.6	50.0	4.0	ug/L	J		1	6010B
7439-95-4	Magnesium	321	5000	321	ug/L	U		1	6010B
7429-90-5	Aluminum	335	200	72.1	ug/L			1	6010B
7439-96-5	Manganese	4.3	15.0	4.3	ug/L	U		1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-1011120MW-105-MM-257

Lab Sample ID: 460-45869-4

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG ID.:

Matrix: Water

Date Sampled: 10/11/2012 14:50

Reporting Basis: WET

Date Received: 10/12/2012 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	13.0	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	5.7	5.0	3.7	ug/L			1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	140000	5000	821	ug/L			1	6010B
7440-09-7	Potassium	6410	5000	525	ug/L			1	6010B
7440-39-3	Barium	67.2	200	5.9	ug/L	J		1	6010B
7440-70-2	Calcium	37900	5000	305	ug/L			1	6010B
7439-89-6	Iron	73.6	150	73.6	ug/L	U		1	6010B
7440-62-2	Vanadium	10.4	50.0	4.0	ug/L	J		1	6010B
7439-95-4	Magnesium	321	5000	321	ug/L	U		1	6010B
7429-90-5	Aluminum	244	200	72.1	ug/L			1	6010B
7439-96-5	Manganese	4.3	15.0	4.3	ug/L	U		1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	ICV 460-132258/7 10/16/2012 17:50				CCV 460-132258/91 10/16/2012 23:01				CCV 460-132258/103 10/16/2012 23:44			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124400		125000	100	123500		125000	99	123700		125000	99
Antimony	986.6		1000	99	992.5		1000	99	980.9		1000	98
Arsenic	2469		2500	99	2446		2500	98	2426		2500	97
Barium	10040		10000	100	9975		10000	100	9953		10000	100
Beryllium	995.5		1000	100	972.3		1000	97	974.3		1000	97
Cadmium	1250		1250	100	1270		1250	102	1269		1250	102
Calcium	129300		125000	103	129600		125000	104	130200		125000	104
Chromium	5004		5000	100	4881		5000	98	4878		5000	98
Cobalt	2499		2500	100	2482		2500	99	2475		2500	99
Copper	12420		12500	99	12390		12500	99	12420		12500	99
Iron	100500		100000	101	100500		100000	101	100700		100000	101
Lead	7623		7500	102	7662		7500	102	7653		7500	102
Magnesium	124900		125000	100	123400		125000	99	123700		125000	99
Manganese	5073		5000	101	5067		5000	101	5080		5000	102
Nickel	2523		2500	101	2470		2500	99	2456		2500	98
Potassium	49720		50000	99	51700		50000	103	52130		50000	104
Selenium	2448		2500	98	2449		2500	98	2436		2500	97
Silver	1224		1250	98	1221		1250	98	1225		1250	98
Sodium	126900		125000	102	130400		125000	104	131600		125000	105
Thallium	2510		2500	100	2585		2500	103	2575		2500	103
Vanadium	2479		2500	99	2464		2500	99	2470		2500	99
Zinc	2487		2500	99	2461		2500	98	2460		2500	98

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	CCV 460-132258/115 10/17/2012 00:28											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124200		125000	99								
Antimony	993.2		1000	99								
Arsenic	2447		2500	98								
Barium	10020		10000	100								
Beryllium	976.9		1000	98								
Cadmium	1281		1250	102								
Calcium	130700		125000	105								
Chromium	4909		5000	98								
Cobalt	2495		2500	100								
Copper	12480		12500	100								
Iron	101400		100000	101								
Lead	7715		7500	103								
Magnesium	124600		125000	100								
Manganese	5112		5000	102								
Nickel	2474		2500	99								
Potassium	52420		50000	105								
Selenium	2464		2500	99								
Silver	1227		1250	98								
Sodium	132000		125000	106								
Thallium	2603		2500	104								
Vanadium	2481		2500	99								
Zinc	2480		2500	99								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	ICV 460-132491/7 10/17/2012 14:32				CCV 460-132491/103 10/17/2012 20:16				CCV 460-132491/115 10/17/2012 20:59			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124800		125000	100	122100		125000	98	122600		125000	98
Antimony	1003		1000	100	974.9		1000	97	983.9		1000	98
Arsenic	2478		2500	99	2413		2500	97	2425		2500	97
Barium	10050		10000	101	9857		10000	99	9897		10000	99
Beryllium	1004		1000	100	961.8		1000	96	969.0		1000	97
Cadmium	1255		1250	100	1230		1250	98	1242		1250	99
Calcium	128800		125000	103	125800		125000	101	126400		125000	101
Chromium	4997		5000	100	4880		5000	98	4885		5000	98
Cobalt	2500		2500	100	2446		2500	98	2459		2500	98
Copper	12490		12500	100	12020		12500	96	12120		12500	97
Iron	100500		100000	101	97920		100000	98	98430		100000	98
Lead	7651		7500	102	7489		7500	100	7554		7500	101
Magnesium	125200		125000	100	122300		125000	98	123400		125000	99
Manganese	5076		5000	102	4957		5000	99	4985		5000	100
Nickel	2528		2500	101	2478		2500	99	2488		2500	100
Potassium	50180		50000	100	49720		50000	99	50280		50000	101
Selenium	2459		2500	98	2393		2500	96	2404		2500	96
Silver	1225		1250	98	1201		1250	96	1202		1250	96
Sodium	126800		125000	101	125000		125000	100	126300		125000	101
Thallium	2540		2500	102	2471		2500	99	2494		2500	100
Vanadium	2482		2500	99	2430		2500	97	2447		2500	98
Zinc	2491		2500	100	2434		2500	97	2458		2500	98

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00939 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00939

Analyte	ICV 460-132028/31-A 10/15/2012 14:16				CCV 460-132028/33-A 10/15/2012 15:18				CCV 460-132028/33-A 10/15/2012 15:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.16		5.00	103	5.21		5.00	104	5.10		5.00	102

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00655 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00655

Analyte	ICV 460-132095/7-A 10/15/2012 20:44				CCV 460-132095/8-A 10/15/2012 21:08				CCV 460-132095/8-A 10/15/2012 21:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.03		5.00	101	5.10		5.00	102	5.02		5.00	100

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00655 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00655

Analyte	CCV 460-132095/8-A 10/15/2012 21:49											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.03		5.00	101								

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

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Concentration Units: ug/L

Analyte	RL	ICB 460-132258/8 10/16/2012 17:53		CCB 460-132258/92 10/16/2012 23:04		CCB 460-132258/104 10/16/2012 23:48		CCB 460-132258/116 10/17/2012 00:32	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.44	J	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-132491/8 10/17/2012 14:35		CCB 460-132491/104 10/17/2012 20:20		CCB 460-132491/116 10/17/2012 21:02			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U		
Antimony	10.0	7.4	U	7.4	U	7.4	U		
Arsenic	5.0	3.7	U	3.7	U	3.7	U		
Barium	200	5.9	U	5.9	U	5.9	U		
Beryllium	2.0	0.78	U	0.78	U	0.78	U		
Cadmium	5.0	0.82	U	0.82	U	0.82	U		
Calcium	5000	305	U	305	U	305	U		
Chromium	10.0	4.5	U	4.5	U	4.5	U		
Cobalt	50.0	4.3	U	4.3	U	4.3	U		
Copper	25.0	7.8	U	7.8	U	7.8	U		
Iron	150	73.6	U	73.6	U	73.6	U		
Lead	5.0	4.0	U	4.0	U	4.0	U		
Magnesium	5000	321	U	321	U	321	U		
Manganese	15.0	4.3	U	4.3	U	4.3	U		
Nickel	40.0	5.0	U	5.0	U	5.0	U		
Potassium	5000	525	U	525	U	525	U		
Selenium	10.0	5.8	U	5.8	U	5.8	U		
Silver	10.0	1.3	U	1.3	U	1.3	U		
Sodium	5000	821	U	821	U	821	U		
Thallium	10.0	5.2	U	5.2	U	5.2	U		
Vanadium	50.0	4.0	U	4.0	U	4.0	U		
Zinc	30.0	5.8	U	5.8	U	5.8	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-132081/20 10/15/2012 14:18		CCB 460-132081/53 10/15/2012 15:19		CCB 460-132081/61 10/15/2012 15:35			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U		

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-132114/8 10/15/2012 20:45		CCB 460-132095/9-A 10/15/2012 21:10		CCB 460-132095/9-A 10/15/2012 21:33		CCB 460-132095/9-A 10/15/2012 21:50	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

3-IN
METHOD BLANK
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-132174/1-B
 Instrument Code: ICP5 Batch No.: 132258

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.82	U		6010B
7440-36-0	Antimony	7.4	U		6010B
7440-41-7	Beryllium	0.78	U		6010B
7440-28-0	Thallium	5.20	J		6010B
7440-02-0	Nickel	5.0	U		6010B
7440-22-4	Silver	1.3	U		6010B
7440-38-2	Arsenic	3.7	U		6010B
7440-50-8	Copper	7.8	U		6010B
7439-92-1	Lead	4.0	U		6010B
7440-66-6	Zinc	5.8	U		6010B
7782-49-2	Selenium	5.8	U		6010B
7440-47-3	Chromium	4.5	U		6010B
7440-23-5	Sodium	821	U		6010B
7440-09-7	Potassium	525	U		6010B
7440-39-3	Barium	5.9	U		6010B
7440-70-2	Calcium	305	U		6010B
7439-89-6	Iron	73.6	U		6010B
7440-62-2	Vanadium	4.0	U		6010B
7439-95-4	Magnesium	321	U		6010B
7429-90-5	Aluminum	72.1	U		6010B
7439-96-5	Manganese	4.3	U		6010B
7440-48-4	Cobalt	4.3	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-132326/1-A
 Instrument Code: ICP5 Batch No.: 132491

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.82	U		6010B
7440-36-0	Antimony	7.4	U		6010B
7440-41-7	Beryllium	0.78	U		6010B
7440-28-0	Thallium	5.2	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7440-22-4	Silver	1.3	U		6010B
7440-38-2	Arsenic	3.7	U		6010B
7440-50-8	Copper	7.8	U		6010B
7439-92-1	Lead	4.0	U		6010B
7440-66-6	Zinc	5.8	U		6010B
7782-49-2	Selenium	5.8	U		6010B
7440-47-3	Chromium	4.5	U		6010B
7440-23-5	Sodium	821	U		6010B
7440-09-7	Potassium	525	U		6010B
7440-39-3	Barium	5.9	U		6010B
7440-70-2	Calcium	305	U		6010B
7439-89-6	Iron	73.6	U		6010B
7440-62-2	Vanadium	4.0	U		6010B
7439-95-4	Magnesium	321	U		6010B
7429-90-5	Aluminum	72.1	U		6010B
7439-96-5	Manganese	4.3	U		6010B
7440-48-4	Cobalt	4.3	U		6010B

3-IN
METHOD BLANK
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-132027/1-C
Instrument Code: LEEMAN3 Batch No.: 132081

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-132095/11-A
Instrument Code: LEEMAN5 Batch No.: 132114

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-132258/9 Instrument ID: ICP5
 Lab File ID: 10162012B.asc ICS Source: ME_ICSA_Duo_00039
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	498000	100
Antimony		-12.2	
Arsenic		1.69	
Barium		-0.232	
Beryllium		-0.0352	
Cadmium		0.825	
Calcium	500000	438500	88
Chromium		2.53	
Cobalt		-0.627	
Copper		-2.91	
Iron	200000	195500	98
Lead		4.34	
Magnesium	500000	496800	99
Manganese		1.63	
Nickel		-2.14	
Potassium		187	
Selenium		7.09	
Silver		-0.975	
Sodium		-30.5	
Thallium		3.65	
Vanadium		0.657	
Zinc		-0.647	
Boron		0.304	
Molybdenum		0.0004	
Strontium		0.0677	
Tin		-2.67	
Titanium		-3.58	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-132258/10 Instrument ID: ICP5
 Lab File ID: 10162012B.asc ICS Source: ME_ICSAB_DUO_00040
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	497800	100
Antimony	100	91.1	91
Arsenic	100	95.2	95
Barium	100	98.3	98
Beryllium	100	97.4	97
Cadmium	100	96.4	96
Calcium	500000	437700	88
Chromium	100	97.9	98
Cobalt	100	93.5	93
Copper	100	95.5	96
Iron	200000	196700	98
Lead	100	95.6	96
Magnesium	500000	501400	100
Manganese	100	102	102
Nickel	100	91.3	91
Potassium	10000	10380	104
Selenium	100	96.7	97
Silver	100	100	100
Sodium	10000	10470	105
Thallium	100	102	102
Vanadium	100	96.7	97
Zinc	100	92.6	93
<i>Boron</i>	<i>100</i>	<i>95.2</i>	<i>95</i>
<i>Molybdenum</i>	<i>100</i>	<i>94.7</i>	<i>95</i>
<i>Strontium</i>	<i>100</i>	<i>99.8</i>	<i>100</i>
<i>Tin</i>	<i>100</i>	<i>91.0</i>	<i>91</i>
<i>Titanium</i>	<i>100</i>	<i>93.6</i>	<i>94</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-132491/9 Instrument ID: ICP5
 Lab File ID: 10172012A.asc ICS Source: ME_ICSA_Duo_00039
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Aluminum	500000	499600	100
Antimony		-7.72	
Arsenic		-1.36	
Barium		-1.16	
Beryllium		-0.0289	
Cadmium		-0.615	
Calcium	500000	455900	91
Chromium		1.61	
Cobalt		-0.463	
Copper		-0.795	
Iron	200000	196600	98
Lead		-0.723	
Magnesium	500000	499500	100
Manganese		1.68	
Nickel		-2.18	
Potassium		197	
Selenium		0.399	
Silver		-0.674	
Sodium		38.1	
Thallium		3.02	
Vanadium		-1.31	
Zinc		-1.05	
<i>Boron</i>		<i>0.412</i>	
<i>Molybdenum</i>		<i>-0.857</i>	
<i>Strontium</i>		<i>-0.0807</i>	
<i>Tin</i>		<i>-1.82</i>	
<i>Titanium</i>		<i>-0.746</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-132491/10 Instrument ID: ICP5
 Lab File ID: 10172012A.asc ICS Source: ME_ICSAB_DUO_00040
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	502300	100
Antimony	100	92.7	93
Arsenic	100	94.4	94
Barium	100	97.6	98
Beryllium	100	97.9	98
Cadmium	100	94.4	94
Calcium	500000	449100	90
Chromium	100	98.7	99
Cobalt	100	94.3	94
Copper	100	100	100
Iron	200000	196800	98
Lead	100	90.2	90
Magnesium	500000	503200	101
Manganese	100	102	102
Nickel	100	91.5	92
Potassium	10000	10440	104
Selenium	100	90.4	90
Silver	100	101	101
Sodium	10000	10490	105
Thallium	100	91.8	92
Vanadium	100	95.5	96
Zinc	100	92.9	93
<i>Boron</i>	<i>100</i>	<i>97.0</i>	<i>97</i>
<i>Molybdenum</i>	<i>100</i>	<i>94.3</i>	<i>94</i>
<i>Strontium</i>	<i>100</i>	<i>98.9</i>	<i>99</i>
<i>Tin</i>	<i>100</i>	<i>91.6</i>	<i>92</i>
<i>Titanium</i>	<i>100</i>	<i>95.4</i>	<i>95</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: WG-17338-1011120MW-105-MM-257 MS

Lab ID: 460-45869-4 MS

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.881	0.16	U 1.00	88	75-125		7470A

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-45906-I-1-C MS
Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Matrix: Water Concentration Units: ug/L
% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	1.99	0.16 U	2.00	100	75-125		7470A

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: _____ Lab ID: 460-45701-H-2-D MS
 Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L
 % Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	49.56	0.82 U	50.0	99	75-125		6010B
Antimony	459.8	7.4 U	500	92	75-125		6010B
Beryllium	48.02	0.78 U	50.0	96	75-125		6010B
Thallium	2082	5.2 U	2000	104	75-125		6010B
Nickel	480.9	5.0 U	500	96	75-125		6010B
Silver	46.41	1.3 U	50.0	93	75-125		6010B
Arsenic	1890	3.7 U	2000	95	75-125		6010B
Copper	238.9	7.8 U	250	96	75-125		6010B
Lead	500.0	4.0 U	500	100	75-125		6010B
Zinc	485.7	6.9 J	500	96	75-125		6010B
Selenium	1876	10.8	2000	93	75-125		6010B
Chromium	192.1	4.5 U	200	96	75-125		6010B
Sodium	64320	44600	20000	99	75-125		6010B
Potassium	21850	1460 J	20000	102	75-125		6010B
Barium	2288	313	2000	99	75-125		6010B
Calcium	173900	159000	20000	77	75-125	4	6010B
Iron	980.1	73.6 U	1000	98	75-125		6010B
Vanadium	482.8	4.0 U	500	97	75-125		6010B
Magnesium	52350	33800	20000	93	75-125		6010B
Aluminum	1975	72.1 U	2000	99	75-125		6010B
Manganese	504.3	4.3 U	500	101	75-125		6010B
Cobalt	480.5	4.3 U	500	96	75-125		6010B

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-45769-A-15-D MS
 Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L
 % Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	48.39	0.82 U	50.0	97	75-125		6010B
Antimony	447.9	7.4 U	500	90	75-125		6010B
Beryllium	47.47	0.78 U	50.0	95	75-125		6010B
Thallium	2045	5.2 U	2000	102	75-125		6010B
Nickel	492.0	5.5 J	500	97	75-125		6010B
Silver	45.31	1.3 U	50.0	91	75-125		6010B
Arsenic	1823	3.7 U	2000	91	75-125		6010B
Copper	233.0	7.8 U	250	93	75-125		6010B
Lead	492.8	4.0 U	500	99	75-125		6010B
Zinc	479.6	5.8 U	500	96	75-125		6010B
Selenium	1790	5.8 U	2000	90	75-125		6010B
Chromium	197.1	5.9 J	200	96	75-125		6010B
Sodium	48660	29300	20000	97	75-125		6010B
Potassium	20790	1700 J	20000	95	75-125		6010B
Barium	2044	83.5 J	2000	98	75-125		6010B
Calcium	38830	18900	20000	100	75-125		6010B
Iron	1022	73.6 U	1000	102	75-125		6010B
Vanadium	471.1	4.0 U	500	94	75-125		6010B
Magnesium	23040	4130 J	20000	95	75-125		6010B
Aluminum	1918	72.1 U	2000	96	75-125		6010B
Manganese	503.6	13.1 J	500	98	75-125		6010B
Cobalt	479.5	4.3 U	500	96	75-125		6010B

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: _____ Lab ID: 460-45701-H-2-B PDS
 Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	49.10	0.82 U	50.0	98	75-125		6010B
Antimony	452.7	7.4 U	500	91	75-125		6010B
Beryllium	47.36	0.78 U	50.0	95	75-125		6010B
Thallium	2063	5.2 U	2000	103	75-125		6010B
Nickel	473.4	5.0 U	500	95	75-125		6010B
Silver	46.98	1.3 U	50.0	94	75-125		6010B
Arsenic	1867	3.7 U	2000	93	75-125		6010B
Copper	237.2	7.8 U	250	95	75-125		6010B
Lead	494.0	4.0 U	500	99	75-125		6010B
Zinc	479.1	6.9 J	500	94	75-125		6010B
Selenium	1859	10.8	2000	92	75-125		6010B
Chromium	186.8	4.5 U	200	93	75-125		6010B
Sodium	64260	44600	20000	98	75-125		6010B
Potassium	21580	1460 J	20000	101	75-125		6010B
Barium	2261	313	2000	97	75-125		6010B
Calcium	174100	159000	20000	78	75-125		6010B
Iron	981.1	73.6 U	1000	98	75-125		6010B
Vanadium	476.1	4.0 U	500	95	75-125		6010B
Magnesium	52180	33800	20000	92	75-125		6010B
Aluminum	1942	72.1 U	2000	97	75-125		6010B
Manganese	497.8	4.3 U	500	100	75-125		6010B
Cobalt	474.6	4.3 U	500	95	75-125		6010B

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-45769-A-15-B PDS
 Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	47.77	0.82 U	50.0	96	75-125		6010B
Antimony	443.1	7.4 U	500	89	75-125		6010B
Beryllium	46.38	0.78 U	50.0	93	75-125		6010B
Thallium	2009	5.2 U	2000	100	75-125		6010B
Nickel	484.2	5.5 J	500	96	75-125		6010B
Silver	44.00	1.3 U	50.0	88	75-125		6010B
Arsenic	1800	3.7 U	2000	90	75-125		6010B
Copper	227.0	7.8 U	250	91	75-125		6010B
Lead	483.8	4.0 U	500	97	75-125		6010B
Zinc	471.7	5.8 U	500	94	75-125		6010B
Selenium	1767	5.8 U	2000	88	75-125		6010B
Chromium	192.4	5.9 J	200	93	75-125		6010B
Sodium	48060	29300	20000	94	75-125		6010B
Potassium	20480	1700 J	20000	94	75-125		6010B
Barium	2008	83.5 J	2000	96	75-125		6010B
Calcium	38240	18900	20000	97	75-125		6010B
Iron	987.1	73.6 U	1000	99	75-125		6010B
Vanadium	461.9	4.0 U	500	92	75-125		6010B
Magnesium	22560	4130 J	20000	92	75-125		6010B
Aluminum	1872	72.1 U	2000	94	75-125		6010B
Manganese	492.6	13.1 J	500	96	75-125		6010B
Cobalt	470.6	4.3 U	500	94	75-125		6010B

SSR = Spiked Sample Result

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

6-IN
DUPLICATES
METALS - DISSOLVED

Client ID: WG-17338-1011120MW-105-MM-257

Lab ID: 460-45869-4 DU

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Water

Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.20	0.16 U	0.16 U	NC		7470A

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-45906-I-1-B DU
Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
% Solids for Sample: _____ % Solids for Duplicate: _____
Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.20	0.16 U	0.16 U	NC		7470A

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

6-IN
 DUPLICATES
 METALS - DISSOLVED

Client ID: _____ Lab ID: 460-45701-H-2-C DU
 Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 % Solids for Sample: _____ % Solids for Duplicate: _____
 Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Cadmium	5.0	0.82 U	0.82 U	NC		6010B
Antimony	10.0	7.4 U	7.4 U	NC		6010B
Beryllium	2.0	0.78 U	0.78 U	NC		6010B
Thallium	10.0	5.2 U	5.2 U	NC		6010B
Nickel	40.0	5.0 U	5.0 U	NC		6010B
Silver	10.0	1.3 U	1.3 U	NC		6010B
Arsenic	5.0	3.7 U	3.7 U	NC		6010B
Copper	25.0	7.8 U	7.8 U	NC		6010B
Lead	5.0	4.0 U	4.0 U	NC		6010B
Zinc	30.0	6.9 J	7.32 J	6		6010B
Selenium	10.0	10.8	9.59 J	12		6010B
Chromium	10.0	4.5 U	4.5 U	NC		6010B
Sodium	5000	44600	44070	1		6010B
Potassium	5000	1460 J	1435 J	2		6010B
Barium	200	313	309.1	1		6010B
Calcium	5000	159000	156700	1		6010B
Iron	150	73.6 U	73.6 U	NC		6010B
Vanadium	50.0	4.0 U	4.0 U	NC		6010B
Magnesium	5000	33800	33370	1		6010B
Aluminum	200	72.1 U	72.1 U	NC		6010B
Manganese	15.0	4.3 U	4.3 U	NC		6010B
Cobalt	50.0	4.3 U	4.3 U	NC		6010B

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-45769-A-15-C DU
 Lab Name: TestAmerica Edison Job No.: 460-45869-1
 SDG No.: _____
 % Solids for Sample: _____ % Solids for Duplicate: _____
 Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Cadmium	5.0	0.82 U	0.82 U	NC		6010B
Antimony	10.0	7.4 U	7.4 U	NC		6010B
Beryllium	2.0	0.78 U	0.78 U	NC		6010B
Thallium	10.0	5.2 U	5.2 U	NC		6010B
Nickel	40.0	5.5 J	5.68 J	3		6010B
Silver	10.0	1.3 U	1.3 U	NC		6010B
Arsenic	5.0	3.7 U	3.7 U	NC		6010B
Copper	25.0	7.8 U	7.8 U	NC		6010B
Lead	5.0	4.0 U	4.0 U	NC		6010B
Zinc	30.0	5.8 U	5.8 U	NC		6010B
Selenium	10.0	5.8 U	5.8 U	NC		6010B
Chromium	10.0	5.9 J	5.83 J	2		6010B
Sodium	5000	29300	28920	1		6010B
Potassium	5000	1700 J	1687 J	0.5		6010B
Barium	200	83.5 J	82.26 J	2		6010B
Calcium	5000	18900	18550	2		6010B
Iron	150	73.6 U	73.6 U	NC		6010B
Vanadium	50.0	4.0 U	4.0 U	NC		6010B
Magnesium	5000	4130 J	4079 J	1		6010B
Aluminum	200	72.1 U	72.1 U	NC		6010B
Manganese	15.0	13.1 J	13.04 J	0.2		6010B
Cobalt	50.0	4.3 U	4.3 U	NC		6010B

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

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-132179/2-A

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00033

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	50.0	50.96		102	80	120		6010B
Antimony	500	453.4		91	80	120		6010B
Beryllium	50.0	48.22		96	80	120		6010B
Thallium	2000	2193		110	80	120		6010B
Nickel	500	495.4		99	80	120		6010B
Silver	50.0	45.93		92	80	120		6010B
Arsenic	2000	1848		92	80	120		6010B
Copper	250	242.0		97	80	120		6010B
Lead	500	518.2		104	80	120		6010B
Zinc	500	494.9		99	80	120		6010B
Selenium	2000	1844		92	80	120		6010B
Chromium	200	194.3		97	80	120		6010B
Sodium	20000	21180		106	80	120		6010B
Potassium	20000	20440		102	80	120		6010B
Barium	2000	2019		101	80	120		6010B
Calcium	20000	21380		107	80	120		6010B
Iron	1000	1026		103	80	120		6010B
Vanadium	500	485.5		97	80	120		6010B
Magnesium	20000	19580		98	80	120		6010B
Aluminum	2000	1926		96	80	120		6010B
Manganese	500	512.7		103	80	120		6010B
Cobalt	500	495.9		99	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-132326/2-A

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00033

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	50.0	48.72		97	80	120		6010B
Antimony	500	447.4		89	80	120		6010B
Beryllium	50.0	47.04		94	80	120		6010B
Thallium	2000	2096		105	80	120		6010B
Nickel	500	492.5		99	80	120		6010B
Silver	50.0	45.38		91	80	120		6010B
Arsenic	2000	1807		90	80	120		6010B
Copper	250	233.1		93	80	120		6010B
Lead	500	501.0		100	80	120		6010B
Zinc	500	478.6		96	80	120		6010B
Selenium	2000	1781		89	80	120		6010B
Chromium	200	190.9		95	80	120		6010B
Sodium	20000	19780		99	80	120		6010B
Potassium	20000	19170		96	80	120		6010B
Barium	2000	1976		99	80	120		6010B
Calcium	20000	20210		101	80	120		6010B
Iron	1000	969.1		97	80	120		6010B
Vanadium	500	470.0		94	80	120		6010B
Magnesium	20000	19020		95	80	120		6010B
Aluminum	2000	1903		95	80	120		6010B
Manganese	500	492.3		98	80	120		6010B
Cobalt	500	484.0		97	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-132033/2-A

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00939

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.884		88	80	120		7470A

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-132095/12-A

Lab Name: TestAmerica Edison

Job No.: 460-45869-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00940

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	2.00	2.02		101	80	120		7470A

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

FORM VIIA - IN

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

Lab ID: 460-45701-H-2-B SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-45869-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Cadmium	0.82	U	4.1	U	NC		6010B
Antimony	7.4	U	36.8	U	NC		6010B
Beryllium	0.78	U	3.9	U	NC		6010B
Thallium	5.2	U	26.2	U	NC		6010B
Nickel	5.0	U	24.9	U	NC		6010B
Silver	1.3	U	6.7	U	NC		6010B
Arsenic	3.7	U	18.6	U	NC		6010B
Copper	7.8	U	39.2	U	NC		6010B
Lead	4.0	U	20.1	U	NC		6010B
Zinc	6.9	J	29.2	U	NC		6010B
Selenium	10.8		28.8	U	NC		6010B
Chromium	4.5	U	22.3	U	NC		6010B
Sodium	44600		44600		0.00		6010B
Potassium	1460	J	2620	U	NC		6010B
Barium	313		311.5	J	0.53		6010B
Calcium	159000		162500		2.5		6010B
Iron	73.6	U	368	U	NC		6010B
Vanadium	4.0	U	20.2	U	NC		6010B
Magnesium	33800		34370		1.6		6010B
Aluminum	72.1	U	361	U	NC		6010B
Manganese	4.3	U	21.5	U	NC		6010B
Cobalt	4.3	U	21.4	U	NC		6010B

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

FORM VIII-IN

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

Lab ID: 460-45769-A-15-B SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-45869-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Cadmium	0.82	U	4.1	U	NC		6010B
Antimony	7.4	U	36.8	U	NC		6010B
Beryllium	0.78	U	3.9	U	NC		6010B
Thallium	5.2	U	26.2	U	NC		6010B
Nickel	5.5	J	24.9	U	NC		6010B
Silver	1.3	U	6.7	U	NC		6010B
Arsenic	3.7	U	18.6	U	NC		6010B
Copper	7.8	U	39.2	U	NC		6010B
Lead	4.0	U	20.1	U	NC		6010B
Zinc	5.8	U	29.2	U	NC		6010B
Selenium	5.8	U	28.8	U	NC		6010B
Chromium	5.9	J	22.3	U	NC		6010B
Sodium	29300		29190		NC		6010B
Potassium	1700	J	2620	U	NC		6010B
Barium	83.5	J	82.30	J	NC		6010B
Calcium	18900		18720	J	0.69		6010B
Iron	73.6	U	368	U	NC		6010B
Vanadium	4.0	U	20.2	U	NC		6010B
Magnesium	4130	J	4189	J	NC		6010B
Aluminum	72.1	U	361	U	NC		6010B
Manganese	13.1	J	21.5	U	NC		6010B
Cobalt	4.3	U	21.4	U	NC		6010B

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

FORM VIII-IN

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

Lab ID: 460-45869-4

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-45869-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Dilution	Result (S)			
Mercury	0.16	U		0.80	U	NC	7470A

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

FORM VIII-IN

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

Lab ID: 460-45906-I-1-A SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-45869-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Result (S)	C			
Mercury	0.16	U	0.80	U	NC		7470A

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010B MDL Date: 11/14/2011 12:49
Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010B XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010B MDL Date: 11/14/2011 12:49
Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010B XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN5
Method: 7470A MDL Date: 11/14/2011 12:40
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN5
Method: 7470A XMDL Date: 11/14/2011 12:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A MDL Date: 11/14/2011 12:40
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-45869-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A XMDL Date: 11/14/2011 12:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-132174/1-B	10/16/2012 11:09	132179		100	100
LCS 460-132179/2-A	10/16/2012 11:09	132179		100	100
460-45701-H-2-C DU	10/16/2012 11:09	132179		100	100
460-45701-H-2-D MS	10/16/2012 11:09	132179		100	100
460-45869-2	10/16/2012 11:09	132179		100	100
460-45869-3	10/16/2012 11:09	132179		100	100
460-45869-4	10/16/2012 11:09	132179		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-132326/1-A	10/17/2012 09:09	132326		100	100
LCS 460-132326/2-A	10/17/2012 09:09	132326		100	100
460-45769-A-15-C DU	10/17/2012 09:09	132326		100	100
460-45769-A-15-D MS	10/17/2012 09:09	132326		100	100
460-45869-2	10/17/2012 09:09	132326		100	100
460-45869-3	10/17/2012 09:09	132326		100	100
460-45869-4	10/17/2012 09:09	132326		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-132027/1-C	10/15/2012 11:15	132033		30	30
LCS 460-132033/2-A	10/15/2012 11:15	132033		30	30
460-45869-4	10/15/2012 11:15	132033		30	30
460-45869-4 DU	10/15/2012 11:15	132033		30	30
460-45869-4 MS	10/15/2012 11:15	132033		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-132095/11-A	10/15/2012 17:00	132095		30	30
LCS 460-132095/12-A	10/15/2012 17:00	132095		30	30
460-45906-I-1-B DU	10/15/2012 17:00	132095		30	30
460-45906-I-1-C MS	10/15/2012 17:00	132095		30	30
460-45869-4	10/15/2012 17:00	132095		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			17:28																				
ZZZZZZ			17:32																				
ZZZZZZ			17:35																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ICV 460-132258/7	1		17:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-132258/8	1		17:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-132258/9	1		17:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-132258/10	1		18:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:05																				
ZZZZZZ			18:08																				
ZZZZZZ			18:12																				
ZZZZZZ			18:16																				
ZZZZZZ			18:19																				
ZZZZZZ			18:23																				
ZZZZZZ			18:26																				
ZZZZZZ			18:30																				
CCV 460-132258/19			18:33																				
CCB 460-132258/20			18:37																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
ZZZZZZ			18:48																				
ZZZZZZ			18:52																				
ZZZZZZ			18:56																				
ZZZZZZ			18:59																				
ZZZZZZ			19:03																				
ZZZZZZ			19:07																				
ZZZZZZ			19:10																				
ZZZZZZ			19:14																				
CCV 460-132258/31			19:18																				
CCB 460-132258/32			19:21																				
ZZZZZZ			19:25																				
ZZZZZZ			19:29																				
ZZZZZZ			19:33																				
ZZZZZZ			19:36																				
ZZZZZZ			19:40																				
ZZZZZZ			19:44																				
ZZZZZZ			19:48																				
ZZZZZZ			19:52																				
ZZZZZZ			19:55																				
ZZZZZZ			19:59																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
CCV 460-132258/43			20:03																			
CCB 460-132258/44			20:07																			
ZZZZZZ			20:10																			
ZZZZZZ			20:14																			
ZZZZZZ			20:18																			
ZZZZZZ			20:22																			
ZZZZZZ			20:25																			
ZZZZZZ			20:29																			
ZZZZZZ			20:33																			
ZZZZZZ			20:36																			
ZZZZZZ			20:40																			
ZZZZZZ			20:44																			
CCV 460-132258/55			20:47																			
CCB 460-132258/56			20:51																			
ZZZZZZ			20:54																			
ZZZZZZ			20:58																			
ZZZZZZ			21:02																			
ZZZZZZ			21:05																			
ZZZZZZ			21:09																			
ZZZZZZ			21:13																			
ZZZZZZ			21:17																			
ZZZZZZ			21:20																			
ZZZZZZ			21:24																			
ZZZZZZ			21:28																			
CCV 460-132258/67			21:31																			
CCB 460-132258/68			21:35																			
ZZZZZZ			21:38																			
ZZZZZZ			21:42																			
ZZZZZZ			21:46																			
ZZZZZZ			21:50																			
ZZZZZZ			21:54																			
ZZZZZZ			21:57																			
ZZZZZZ			22:01																			
ZZZZZZ			22:05																			
ZZZZZZ			22:09																			
ZZZZZZ			22:13																			
CCV 460-132258/79			22:16																			
CCB 460-132258/80			22:20																			
ZZZZZZ			22:23																			
ZZZZZZ			22:27																			
ZZZZZZ			22:31																			
ZZZZZZ			22:35																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			22:38																				
ZZZZZZ			22:42																				
ZZZZZZ			22:46																				
ZZZZZZ			22:50																				
ZZZZZZ			22:53																				
ZZZZZZ			22:57																				
CCV 460-132258/91	1		23:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-132258/92	1		23:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:08																				
460-45701-H-2-C DU	1	D	23:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:15																				
460-45701-H-2-B SD ^5	5	D	23:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45701-H-2-D MS	1	D	23:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45701-H-2-B PDS	1	D	23:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:30																				
ZZZZZZ			23:33																				
ZZZZZZ			23:37																				
LCS 460-132179/2-A	1	T	23:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-132258/103	1		23:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-132258/104	1		23:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-132174/1-B	1	D	23:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45869-2	1	D	23:55																X				
460-45869-3	1	D	23:59																X				
460-45869-4	1	D	00:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			00:06																				
ZZZZZZ			00:10																				
ZZZZZZ			00:14																				
ZZZZZZ			00:17																				
ZZZZZZ			00:21																				
ZZZZZZ			00:25																				
CCV 460-132258/115	1		00:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-132258/116	1		00:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			00:36																				
ZZZZZZ			00:40																				
ZZZZZZ			00:44																				
ZZZZZZ			00:47																				
ZZZZZZ			00:51																				
ZZZZZZ			00:55																				
ZZZZZZ			00:59																				
ZZZZZZ			01:03																				
ZZZZZZ			01:06																				
ZZZZZZ			01:10																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
CCV 460-132258/127			01:14																			
CCB 460-132258/128			01:17																			
ZZZZZZ			01:21																			
ZZZZZZ			01:25																			
ZZZZZZ			01:29																			
ZZZZZZ			01:32																			
ZZZZZZ			01:36																			
ZZZZZZ			01:40																			
ZZZZZZ			01:44																			
ZZZZZZ			01:47																			
ZZZZZZ			01:51																			
ZZZZZZ			01:54																			
CCV 460-132258/139			01:58																			
CCB 460-132258/140			02:01																			
ZZZZZZ			02:05																			
ZZZZZZ			02:09																			
ZZZZZZ			02:12																			
ZZZZZZ			02:16																			
ZZZZZZ			02:20																			
ZZZZZZ			02:23																			
ZZZZZZ			02:27																			
ZZZZZZ			02:30																			
ZZZZZZ			02:34																			
ZZZZZZ			02:38																			
CCV 460-132258/151			02:41																			
CCB 460-132258/152			02:45																			
ZZZZZZ			02:49																			
ZZZZZZ			02:52																			
ZZZZZZ			02:56																			
ZZZZZZ			02:59																			
ZZZZZZ			03:03																			
ZZZZZZ			03:07																			
ZZZZZZ			03:10																			
ZZZZZZ			03:14																			
ZZZZZZ			03:18																			
ZZZZZZ			03:21																			
CCV 460-132258/163			03:25																			
CCB 460-132258/164			03:28																			
CCV 460-132258/165			03:32																			
CCB 460-132258/166			03:36																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			17:28																		
ZZZZZZ			17:32																		
ZZZZZZ			17:35																		
ZZZZZZ			17:39																		
ZZZZZZ			17:42																		
ZZZZZZ			17:46																		
ICV 460-132258/7	1		17:50	X	X																
ICB 460-132258/8	1		17:53	X	X																
ICSA 460-132258/9	1		17:57	X	X																
ICSAB 460-132258/10	1		18:01	X	X																
ZZZZZZ			18:05																		
ZZZZZZ			18:08																		
ZZZZZZ			18:12																		
ZZZZZZ			18:16																		
ZZZZZZ			18:19																		
ZZZZZZ			18:23																		
ZZZZZZ			18:26																		
ZZZZZZ			18:30																		
CCV 460-132258/19			18:33																		
CCB 460-132258/20			18:37																		
ZZZZZZ			18:41																		
ZZZZZZ			18:44																		
ZZZZZZ			18:48																		
ZZZZZZ			18:52																		
ZZZZZZ			18:56																		
ZZZZZZ			18:59																		
ZZZZZZ			19:03																		
ZZZZZZ			19:07																		
ZZZZZZ			19:10																		
ZZZZZZ			19:14																		
CCV 460-132258/31			19:18																		
CCB 460-132258/32			19:21																		
ZZZZZZ			19:25																		
ZZZZZZ			19:29																		
ZZZZZZ			19:33																		
ZZZZZZ			19:36																		
ZZZZZZ			19:40																		
ZZZZZZ			19:44																		
ZZZZZZ			19:48																		
ZZZZZZ			19:52																		
ZZZZZZ			19:55																		
ZZZZZZ			19:59																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCV 460-132258/43			20:03																		
CCB 460-132258/44			20:07																		
ZZZZZZ			20:10																		
ZZZZZZ			20:14																		
ZZZZZZ			20:18																		
ZZZZZZ			20:22																		
ZZZZZZ			20:25																		
ZZZZZZ			20:29																		
ZZZZZZ			20:33																		
ZZZZZZ			20:36																		
ZZZZZZ			20:40																		
ZZZZZZ			20:44																		
CCV 460-132258/55			20:47																		
CCB 460-132258/56			20:51																		
ZZZZZZ			20:54																		
ZZZZZZ			20:58																		
ZZZZZZ			21:02																		
ZZZZZZ			21:05																		
ZZZZZZ			21:09																		
ZZZZZZ			21:13																		
ZZZZZZ			21:17																		
ZZZZZZ			21:20																		
ZZZZZZ			21:24																		
ZZZZZZ			21:28																		
CCV 460-132258/67			21:31																		
CCB 460-132258/68			21:35																		
ZZZZZZ			21:38																		
ZZZZZZ			21:42																		
ZZZZZZ			21:46																		
ZZZZZZ			21:50																		
ZZZZZZ			21:54																		
ZZZZZZ			21:57																		
ZZZZZZ			22:01																		
ZZZZZZ			22:05																		
ZZZZZZ			22:09																		
ZZZZZZ			22:13																		
CCV 460-132258/79			22:16																		
CCB 460-132258/80			22:20																		
ZZZZZZ			22:23																		
ZZZZZZ			22:27																		
ZZZZZZ			22:31																		
ZZZZZZ			22:35																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			22:38																		
ZZZZZZ			22:42																		
ZZZZZZ			22:46																		
ZZZZZZ			22:50																		
ZZZZZZ			22:53																		
ZZZZZZ			22:57																		
CCV 460-132258/91	1		23:01	X	X																
CCB 460-132258/92	1		23:04	X	X																
ZZZZZZ			23:08																		
460-45701-H-2-C DU	1	D	23:12	X	X																
ZZZZZZ			23:15																		
460-45701-H-2-B SD ^5	5	D	23:19	X	X																
460-45701-H-2-D MS	1	D	23:23	X	X																
460-45701-H-2-B PDS	1	D	23:26	X	X																
ZZZZZZ			23:30																		
ZZZZZZ			23:33																		
ZZZZZZ			23:37																		
LCS 460-132179/2-A	1	T	23:41	X	X																
CCV 460-132258/103	1		23:44	X	X																
CCB 460-132258/104	1		23:48	X	X																
MB 460-132174/1-B	1	D	23:52	X	X																
460-45869-2	1	D	23:55																		
460-45869-3	1	D	23:59																		
460-45869-4	1	D	00:03	X	X																
ZZZZZZ			00:06																		
ZZZZZZ			00:10																		
ZZZZZZ			00:14																		
ZZZZZZ			00:17																		
ZZZZZZ			00:21																		
ZZZZZZ			00:25																		
CCV 460-132258/115	1		00:28	X	X																
CCB 460-132258/116	1		00:32	X	X																
ZZZZZZ			00:36																		
ZZZZZZ			00:40																		
ZZZZZZ			00:44																		
ZZZZZZ			00:47																		
ZZZZZZ			00:51																		
ZZZZZZ			00:55																		
ZZZZZZ			00:59																		
ZZZZZZ			01:03																		
ZZZZZZ			01:06																		
ZZZZZZ			01:10																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCV 460-132258/127			01:14																		
CCB 460-132258/128			01:17																		
ZZZZZZ			01:21																		
ZZZZZZ			01:25																		
ZZZZZZ			01:29																		
ZZZZZZ			01:32																		
ZZZZZZ			01:36																		
ZZZZZZ			01:40																		
ZZZZZZ			01:44																		
ZZZZZZ			01:47																		
ZZZZZZ			01:51																		
ZZZZZZ			01:54																		
CCV 460-132258/139			01:58																		
CCB 460-132258/140			02:01																		
ZZZZZZ			02:05																		
ZZZZZZ			02:09																		
ZZZZZZ			02:12																		
ZZZZZZ			02:16																		
ZZZZZZ			02:20																		
ZZZZZZ			02:23																		
ZZZZZZ			02:27																		
ZZZZZZ			02:30																		
ZZZZZZ			02:34																		
ZZZZZZ			02:38																		
CCV 460-132258/151			02:41																		
CCB 460-132258/152			02:45																		
ZZZZZZ			02:49																		
ZZZZZZ			02:52																		
ZZZZZZ			02:56																		
ZZZZZZ			02:59																		
ZZZZZZ			03:03																		
ZZZZZZ			03:07																		
ZZZZZZ			03:10																		
ZZZZZZ			03:14																		
ZZZZZZ			03:18																		
ZZZZZZ			03:21																		
CCV 460-132258/163			03:25																		
CCB 460-132258/164			03:28																		
CCV 460-132258/165			03:32																		
CCB 460-132258/166			03:36																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/16/2012 17:28 End Date: 10/17/2012 03:36

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			14:10																				
ZZZZZZ			14:14																				
ZZZZZZ			14:18																				
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
ZZZZZZ			14:28																				
ICV 460-132491/7	1		14:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-132491/8	1		14:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-132491/9	1		14:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-132491/10	1		14:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			14:47																				
ZZZZZZ			14:51																				
ZZZZZZ			14:54																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
ZZZZZZ			15:05																				
ZZZZZZ			15:09																				
ZZZZZZ			15:12																				
CCV 460-132491/19			15:16																				
CCB 460-132491/20			15:19																				
ZZZZZZ			15:23																				
ZZZZZZ			15:26																				
ZZZZZZ			15:30																				
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:41																				
ZZZZZZ			15:45																				
ZZZZZZ			15:48																				
ZZZZZZ			15:52																				
ZZZZZZ			15:56																				
CCV 460-132491/31			15:59																				
CCB 460-132491/32			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:17																				
ZZZZZZ			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:32																				
ZZZZZZ			16:35																				
ZZZZZZ			16:39																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
CCV 460-132491/43			16:42																			
CCB 460-132491/44			16:46																			
ZZZZZZ			16:49																			
ZZZZZZ			16:53																			
ZZZZZZ			16:57																			
ZZZZZZ			17:01																			
ZZZZZZ			17:04																			
ZZZZZZ			17:08																			
ZZZZZZ			17:11																			
ZZZZZZ			17:15																			
ZZZZZZ			17:19																			
ZZZZZZ			17:22																			
CCV 460-132491/55			17:26																			
CCB 460-132491/56			17:29																			
ZZZZZZ			17:33																			
ZZZZZZ			17:37																			
ZZZZZZ			17:40																			
ZZZZZZ			17:44																			
ZZZZZZ			17:47																			
ZZZZZZ			17:51																			
ZZZZZZ			17:54																			
ZZZZZZ			17:58																			
ZZZZZZ			18:02																			
ZZZZZZ			18:05																			
CCV 460-132491/67			18:09																			
CCB 460-132491/68			18:12																			
ZZZZZZ			18:16																			
ZZZZZZ			18:19																			
ZZZZZZ			18:23																			
ZZZZZZ			18:26																			
ZZZZZZ			18:30																			
ZZZZZZ			18:33																			
ZZZZZZ			18:37																			
ZZZZZZ			18:41																			
ZZZZZZ			18:44																			
ZZZZZZ			18:47																			
CCV 460-132491/79			18:51																			
CCB 460-132491/80			18:54																			
ZZZZZZ			18:58																			
ZZZZZZ			19:02																			
ZZZZZZ			19:05																			
ZZZZZZ			19:09																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			19:12																				
ZZZZZZ			19:16																				
ZZZZZZ			19:19																				
ZZZZZZ			19:23																				
ZZZZZZ			19:26																				
ZZZZZZ			19:30																				
CCV 460-132491/91			19:33																				
CCB 460-132491/92			19:37																				
ZZZZZZ			19:41																				
ZZZZZZ			19:44																				
ZZZZZZ			19:48																				
ZZZZZZ			19:51																				
ZZZZZZ			19:55																				
ZZZZZZ			19:58																				
ZZZZZZ			20:02																				
ZZZZZZ			20:06																				
ZZZZZZ			20:09																				
ZZZZZZ			20:13																				
CCV 460-132491/103	1		20:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-132491/104	1		20:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-132326/1-A	1	T	20:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCS 460-132326/2-A	1	T	20:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45769-A-15-C DU	1	T	20:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			20:34																				
460-45769-A-15-B SD ^5	5	T	20:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45769-A-15-D MS	1	T	20:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45769-A-15-B PDS	1	T	20:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-45869-2	1	T	20:48																X				
460-45869-3	1	T	20:52																X				
460-45869-4	1	T	20:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-132491/115	1		20:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-132491/116	1		21:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			21:06																				
ZZZZZZ			21:10																				
ZZZZZZ			21:13																				
ZZZZZZ			21:17																				
ZZZZZZ			21:20																				
ZZZZZZ			21:24																				
ZZZZZZ			21:28																				
ZZZZZZ			21:31																				
ZZZZZZ			21:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			21:38																			
CCV 460-132491/127			21:42																			
CCB 460-132491/128			21:46																			
ZZZZZZ			21:49																			
ZZZZZZ			21:53																			
ZZZZZZ			21:56																			
ZZZZZZ			22:00																			
ZZZZZZ			22:04																			
ZZZZZZ			22:07																			
ZZZZZZ			22:11																			
ZZZZZZ			22:15																			
ZZZZZZ			22:18																			
ZZZZZZ			22:22																			
CCV 460-132491/139			22:25																			
CCB 460-132491/140			22:29																			
ZZZZZZ			22:32																			
ZZZZZZ			22:36																			
ZZZZZZ			22:39																			
ZZZZZZ			22:43																			
ZZZZZZ			22:46																			
ZZZZZZ			22:50																			
ZZZZZZ			22:53																			
ZZZZZZ			22:57																			
ZZZZZZ			23:00																			
ZZZZZZ			23:04																			
CCV 460-132491/151			23:07																			
CCB 460-132491/152			23:11																			
ZZZZZZ			23:14																			
ZZZZZZ			23:18																			
ZZZZZZ			23:22																			
ZZZZZZ			23:25																			
ZZZZZZ			23:29																			
ZZZZZZ			23:32																			
ZZZZZZ			23:36																			
ZZZZZZ			23:40																			
ZZZZZZ			23:43																			
ZZZZZZ			23:47																			
CCV 460-132491/163			23:50																			
CCB 460-132491/164			23:54																			
ZZZZZZ			23:57																			
ZZZZZZ			00:01																			
CCV 460-132491/167			00:04																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
CCB 460-132491/168			00:08																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			14:10																		
ZZZZZZ			14:14																		
ZZZZZZ			14:18																		
ZZZZZZ			14:21																		
ZZZZZZ			14:25																		
ZZZZZZ			14:28																		
ICV 460-132491/7	1		14:32	X	X																
ICB 460-132491/8	1		14:35	X	X																
ICSA 460-132491/9	1		14:39	X	X																
ICSAB 460-132491/10	1		14:43	X	X																
ZZZZZZ			14:47																		
ZZZZZZ			14:51																		
ZZZZZZ			14:54																		
ZZZZZZ			14:58																		
ZZZZZZ			15:02																		
ZZZZZZ			15:05																		
ZZZZZZ			15:09																		
ZZZZZZ			15:12																		
CCV 460-132491/19			15:16																		
CCB 460-132491/20			15:19																		
ZZZZZZ			15:23																		
ZZZZZZ			15:26																		
ZZZZZZ			15:30																		
ZZZZZZ			15:34																		
ZZZZZZ			15:37																		
ZZZZZZ			15:41																		
ZZZZZZ			15:45																		
ZZZZZZ			15:48																		
ZZZZZZ			15:52																		
ZZZZZZ			15:56																		
CCV 460-132491/31			15:59																		
CCB 460-132491/32			16:03																		
ZZZZZZ			16:06																		
ZZZZZZ			16:10																		
ZZZZZZ			16:14																		
ZZZZZZ			16:17																		
ZZZZZZ			16:21																		
ZZZZZZ			16:25																		
ZZZZZZ			16:28																		
ZZZZZZ			16:32																		
ZZZZZZ			16:35																		
ZZZZZZ			16:39																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCV 460-132491/43			16:42																		
CCB 460-132491/44			16:46																		
ZZZZZZ			16:49																		
ZZZZZZ			16:53																		
ZZZZZZ			16:57																		
ZZZZZZ			17:01																		
ZZZZZZ			17:04																		
ZZZZZZ			17:08																		
ZZZZZZ			17:11																		
ZZZZZZ			17:15																		
ZZZZZZ			17:19																		
ZZZZZZ			17:22																		
CCV 460-132491/55			17:26																		
CCB 460-132491/56			17:29																		
ZZZZZZ			17:33																		
ZZZZZZ			17:37																		
ZZZZZZ			17:40																		
ZZZZZZ			17:44																		
ZZZZZZ			17:47																		
ZZZZZZ			17:51																		
ZZZZZZ			17:54																		
ZZZZZZ			17:58																		
ZZZZZZ			18:02																		
ZZZZZZ			18:05																		
CCV 460-132491/67			18:09																		
CCB 460-132491/68			18:12																		
ZZZZZZ			18:16																		
ZZZZZZ			18:19																		
ZZZZZZ			18:23																		
ZZZZZZ			18:26																		
ZZZZZZ			18:30																		
ZZZZZZ			18:33																		
ZZZZZZ			18:37																		
ZZZZZZ			18:41																		
ZZZZZZ			18:44																		
ZZZZZZ			18:47																		
CCV 460-132491/79			18:51																		
CCB 460-132491/80			18:54																		
ZZZZZZ			18:58																		
ZZZZZZ			19:02																		
ZZZZZZ			19:05																		
ZZZZZZ			19:09																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			19:12																		
ZZZZZZ			19:16																		
ZZZZZZ			19:19																		
ZZZZZZ			19:23																		
ZZZZZZ			19:26																		
ZZZZZZ			19:30																		
CCV 460-132491/91			19:33																		
CCB 460-132491/92			19:37																		
ZZZZZZ			19:41																		
ZZZZZZ			19:44																		
ZZZZZZ			19:48																		
ZZZZZZ			19:51																		
ZZZZZZ			19:55																		
ZZZZZZ			19:58																		
ZZZZZZ			20:02																		
ZZZZZZ			20:06																		
ZZZZZZ			20:09																		
ZZZZZZ			20:13																		
CCV 460-132491/103	1		20:16	X	X																
CCB 460-132491/104	1		20:20	X	X																
MB 460-132326/1-A	1	T	20:23	X	X																
LCS 460-132326/2-A	1	T	20:27	X	X																
460-45769-A-15-C DU	1	T	20:30	X	X																
ZZZZZZ			20:34																		
460-45769-A-15-B SD ^5	5	T	20:38	X	X																
460-45769-A-15-D MS	1	T	20:41	X	X																
460-45769-A-15-B PDS	1	T	20:45	X	X																
460-45869-2	1	T	20:48																		
460-45869-3	1	T	20:52																		
460-45869-4	1	T	20:55	X	X																
CCV 460-132491/115	1		20:59	X	X																
CCB 460-132491/116	1		21:02	X	X																
ZZZZZZ			21:06																		
ZZZZZZ			21:10																		
ZZZZZZ			21:13																		
ZZZZZZ			21:17																		
ZZZZZZ			21:20																		
ZZZZZZ			21:24																		
ZZZZZZ			21:28																		
ZZZZZZ			21:31																		
ZZZZZZ			21:35																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			21:38																		
CCV 460-132491/127			21:42																		
CCB 460-132491/128			21:46																		
ZZZZZZ			21:49																		
ZZZZZZ			21:53																		
ZZZZZZ			21:56																		
ZZZZZZ			22:00																		
ZZZZZZ			22:04																		
ZZZZZZ			22:07																		
ZZZZZZ			22:11																		
ZZZZZZ			22:15																		
ZZZZZZ			22:18																		
ZZZZZZ			22:22																		
CCV 460-132491/139			22:25																		
CCB 460-132491/140			22:29																		
ZZZZZZ			22:32																		
ZZZZZZ			22:36																		
ZZZZZZ			22:39																		
ZZZZZZ			22:43																		
ZZZZZZ			22:46																		
ZZZZZZ			22:50																		
ZZZZZZ			22:53																		
ZZZZZZ			22:57																		
ZZZZZZ			23:00																		
ZZZZZZ			23:04																		
CCV 460-132491/151			23:07																		
CCB 460-132491/152			23:11																		
ZZZZZZ			23:14																		
ZZZZZZ			23:18																		
ZZZZZZ			23:22																		
ZZZZZZ			23:25																		
ZZZZZZ			23:29																		
ZZZZZZ			23:32																		
ZZZZZZ			23:36																		
ZZZZZZ			23:40																		
ZZZZZZ			23:43																		
ZZZZZZ			23:47																		
CCV 460-132491/163			23:50																		
CCB 460-132491/164			23:54																		
ZZZZZZ			23:57																		
ZZZZZZ			00:01																		
CCV 460-132491/167			00:04																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/17/2012 14:10 End Date: 10/18/2012 00:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCB 460-132491/168			00:08																		

Prep Types

R = Total Recoverable

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 10/15/2012 13:41 End Date: 10/15/2012 15:35

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			13:41																
ZZZZZZ			13:43																
ZZZZZZ			13:45																
ZZZZZZ			13:47																
ZZZZZZ			13:49																
ZZZZZZ			13:51																
ZZZZZZ			13:53																
ZZZZZZ			13:54																
ZZZZZZ			13:57																
ZZZZZZ			13:59																
ZZZZZZ			14:01																
ZZZZZZ			14:03																
IC 460-132028/25-A			14:05	X															
IC 460-132028/26-A			14:07	X															
IC 460-132028/27-A			14:09	X															
IC 460-132028/28-A			14:11	X															
IC 460-132028/29-A			14:12	X															
IC 460-132028/30-A			14:14	X															
ICV 460-132028/31-A	1		14:16	X															
ICB 460-132081/20	1		14:18	X															
ZZZZZZ			14:20																
ZZZZZZ			14:22																
ZZZZZZ			14:23																
ZZZZZZ			14:25																
ZZZZZZ			14:27																
ZZZZZZ			14:29																
ZZZZZZ			14:31																
ZZZZZZ			14:32																
ZZZZZZ			14:34																
CCV 460-132028/33-A			14:36																
CCB 460-132081/31			14:38																
ZZZZZZ			14:40																
ZZZZZZ			14:42																
ZZZZZZ			14:44																
ZZZZZZ			14:46																
ZZZZZZ			14:48																
ZZZZZZ			14:49																
ZZZZZZ			14:51																
ZZZZZZ			14:53																
CCV 460-132028/33-A			14:55																
CCB 460-132081/41			14:56																
ZZZZZZ			14:58																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 10/15/2012 13:41 End Date: 10/15/2012 15:35

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			15:00																
ZZZZZZ			15:02																
ZZZZZZ			15:04																
ZZZZZZ			15:07																
ZZZZZZ			15:08																
ZZZZZZ			15:10																
ZZZZZZ			15:12																
ZZZZZZ			15:14																
ZZZZZZ			15:16																
CCV 460-132028/33-A	1		15:18	X															
CCB 460-132081/53	1		15:19	X															
MB 460-132027/1-C	1	D	15:21	X															
LCS 460-132033/2-A	1	T	15:23	X															
460-45869-4	1	D	15:25	X															
460-45869-4 DU	1	D	15:27	X															
460-45869-4 MS	1	D	15:29	X															
460-45869-4 SD	5	D	15:31	X															
CCV 460-132028/33-A	1		15:33	X															
CCB 460-132081/61	1		15:35	X															

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/15/2012 20:32 End Date: 10/15/2012 23:11

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-132095/1-A			20:32	X															
IC 460-132095/2-A			20:34	X															
IC 460-132095/3-A			20:36	X															
IC 460-132095/4-A			20:38	X															
IC 460-132095/5-A			20:40	X															
IC 460-132095/6-A			20:42	X															
ICV 460-132095/7-A	1		20:44	X															
ICB 460-132114/8	1		20:45	X															
ZZZZZZ			20:48																
MB 460-132095/11-A	1	T	20:50	X															
LCS 460-132095/12-A	1	T	20:52	X															
ZZZZZZ			20:54																
460-45906-I-1-B DU	1	T	20:56	X															
460-45906-I-1-C MS	1	T	20:57	X															
ZZZZZZ			21:00																
ZZZZZZ			21:01																
ZZZZZZ			21:03																
ZZZZZZ			21:06																
CCV 460-132095/8-A	1		21:08	X															
CCB 460-132095/9-A	1		21:10	X															
ZZZZZZ			21:12																
ZZZZZZ			21:14																
ZZZZZZ			21:16																
ZZZZZZ			21:18																
ZZZZZZ			21:20																
ZZZZZZ			21:22																
ZZZZZZ			21:24																
ZZZZZZ			21:26																
ZZZZZZ			21:28																
ZZZZZZ			21:30																
CCV 460-132095/8-A	1		21:31	X															
CCB 460-132095/9-A	1		21:33	X															
ZZZZZZ			21:36																
ZZZZZZ			21:39																
460-45869-4	1	T	21:41	X															
ZZZZZZ			21:43																
ZZZZZZ			21:45																
460-45906-I-1-A SD ^5	5	T	21:46	X															
CCV 460-132095/8-A	1		21:49	X															
CCB 460-132095/9-A	1		21:50	X															
ZZZZZZ			21:52																
ZZZZZZ			21:54																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/15/2012 20:32 End Date: 10/15/2012 23:11

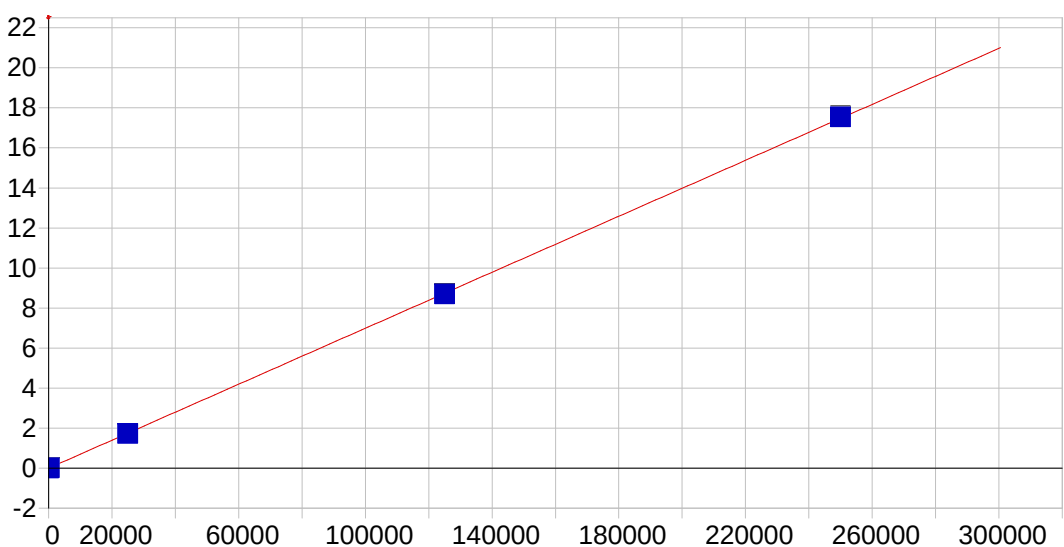
Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			21:56																
ZZZZZZ			21:58																
ZZZZZZ			22:01																
ZZZZZZ			22:03																
ZZZZZZ			22:05																
CCV 460-132095/8-A			22:07																
CCB 460-132095/9-A			22:09																
CCV 460-132095/8-A			22:11																
CCB 460-132114/51			22:13																
ZZZZZZ			22:15																
ZZZZZZ			22:17																
ZZZZZZ			22:19																
ZZZZZZ			22:21																
ZZZZZZ			22:23																
ZZZZZZ			22:24																
ZZZZZZ			22:26																
ZZZZZZ			22:29																
ZZZZZZ			22:31																
ZZZZZZ			22:32																
CCV 460-132095/8-A			22:35																
CCB 460-132095/9-A			22:36																
ZZZZZZ			22:38																
ZZZZZZ			22:40																
ZZZZZZ			22:42																
ZZZZZZ			22:44																
ZZZZZZ			22:45																
ZZZZZZ			22:47																
ZZZZZZ			22:49																
ZZZZZZ			22:51																
ZZZZZZ			22:53																
ZZZZZZ			22:55																
CCV 460-132095/8-A			22:57																
CCB 460-132095/9-A			22:59																
ZZZZZZ			23:00																
ZZZZZZ			23:02																
ZZZZZZ			23:04																
ZZZZZZ			23:06																
ZZZZZZ			23:08																
CCV 460-132095/8-A			23:09																
CCB 460-132095/9-A			23:11																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-45869-1
SDG No.: _____
Instrument ID: LEEMAN5 Method: 7470A
Start Date: 10/15/2012 20:32 End Date: 10/15/2012 23:11

Prep Types

T = Total/NA

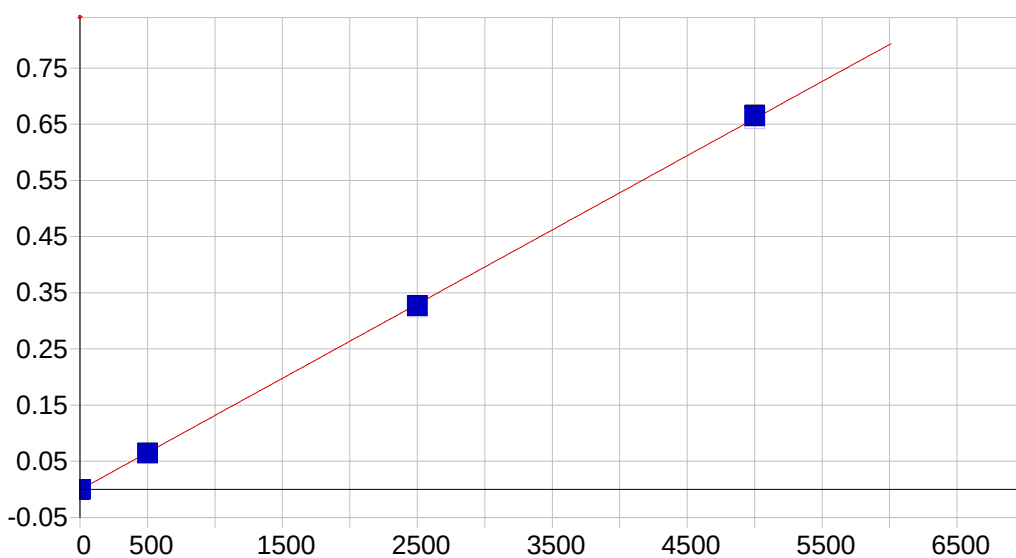


AI 396.152 { 85}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

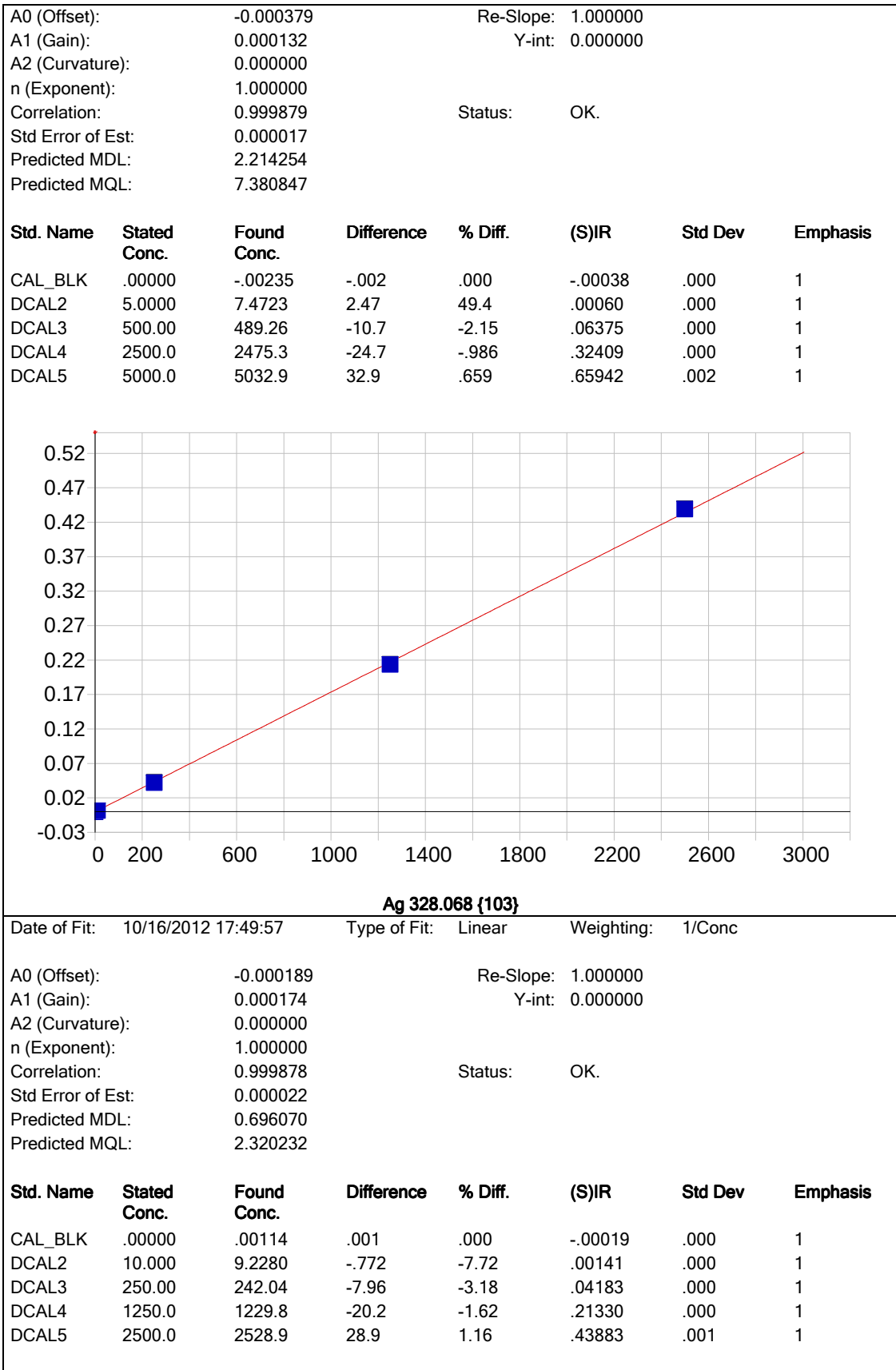
A0 (Offset): -0.000342 Re-Slope: 1.000000
 A1 (Gain): 0.000070 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 10.314864
 Predicted MQL: 34.382879

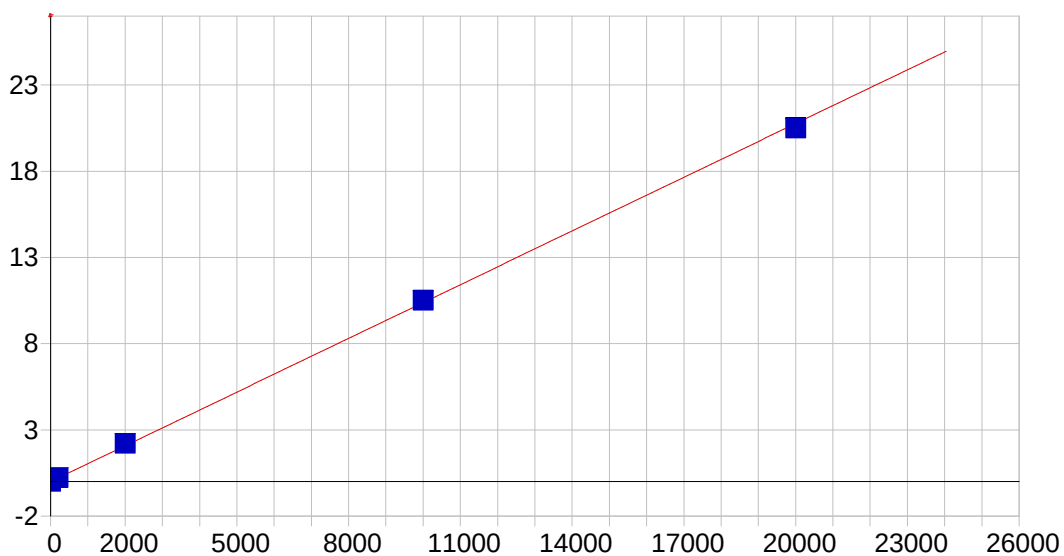
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01252	.013	.000	-.00034	.000	1
DCAL2	200.00	189.93	-10.1	-5.03	.01296	.000	1
DCAL3	25000.	24725.	-275.	-1.10	1.7294	.004	1
DCAL4	125000.	124400.	-603.	-.483	8.7022	.013	1
DCAL5	250000.	250890.	888.	.355	17.551	.036	1



As 189.042 {478}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc



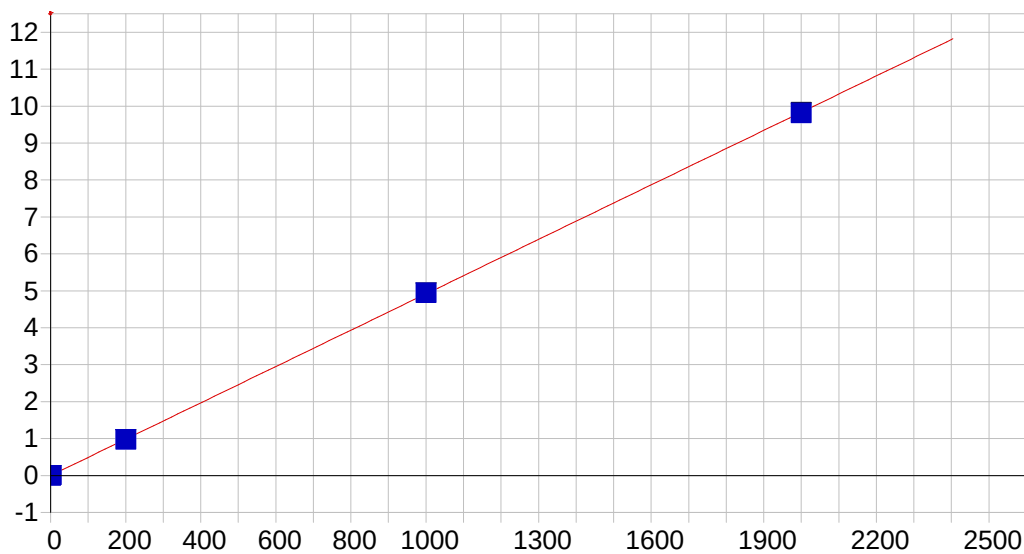


Ba 233.527 {445}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000040	Re-Slope:	1.000000
A1 (Gain):	0.001038	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999786	Status:	OK.
Std Error of Est:	0.002222		
Predicted MDL:	0.284260		
Predicted MQL:	0.947533		

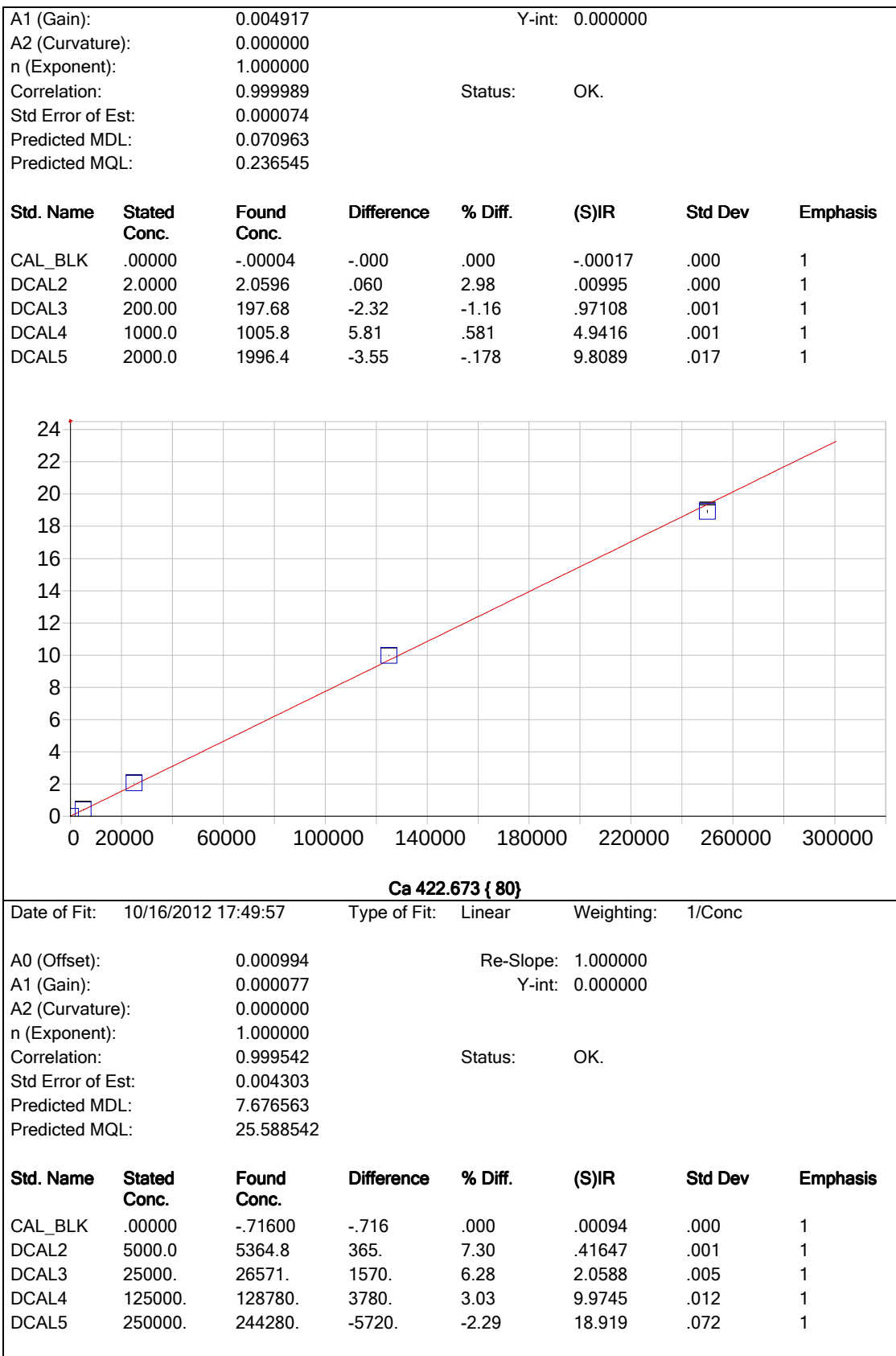
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02500	-.025	.000	.00001	.000	1
DCAL2	200.00	212.35	12.4	6.18	.22047	.000	1
DCAL3	2000.0	2129.1	129.	6.45	2.2087	.003	1
DCAL4	10000.	10116.	116.	1.16	10.494	.015	1
DCAL5	20000.	19743.	-257.	-1.29	20.479	.029	1

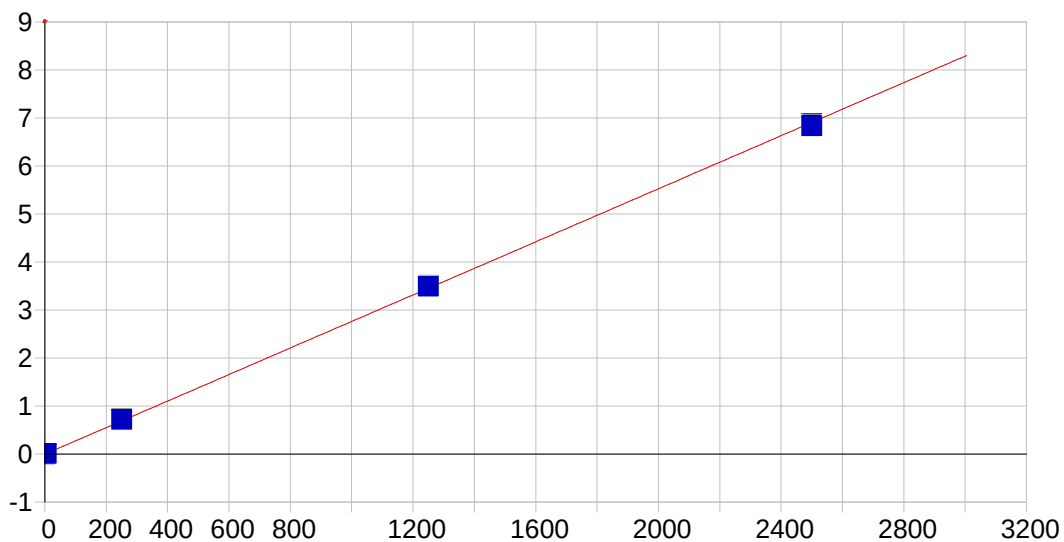


Be 313.042 {108}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000170	Re-Slope:	1.000000



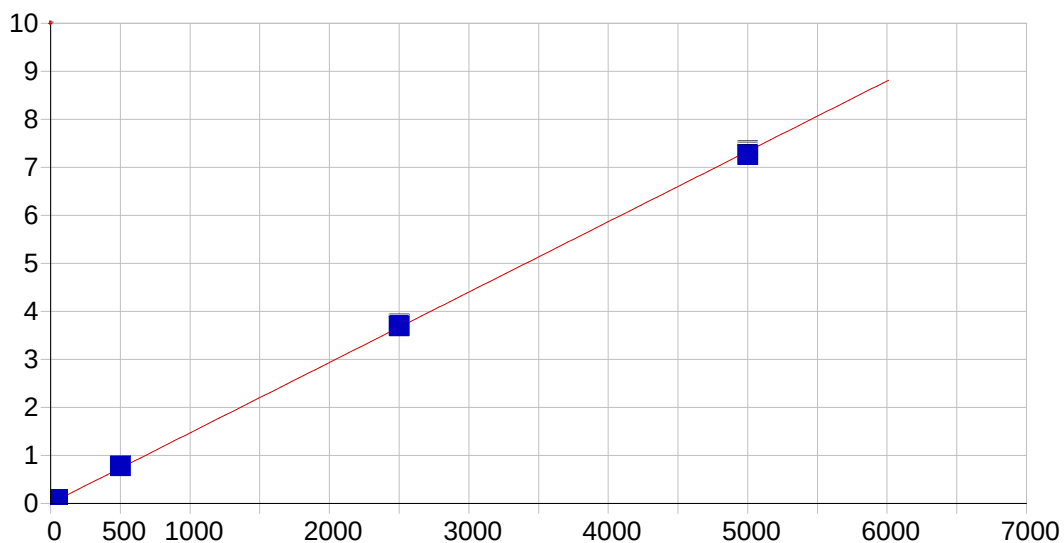


Cd 226.502 {449}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001367 Re-Slope: 1.000000
 A1 (Gain): 0.002763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.157880
 Predicted MQL: 0.526267

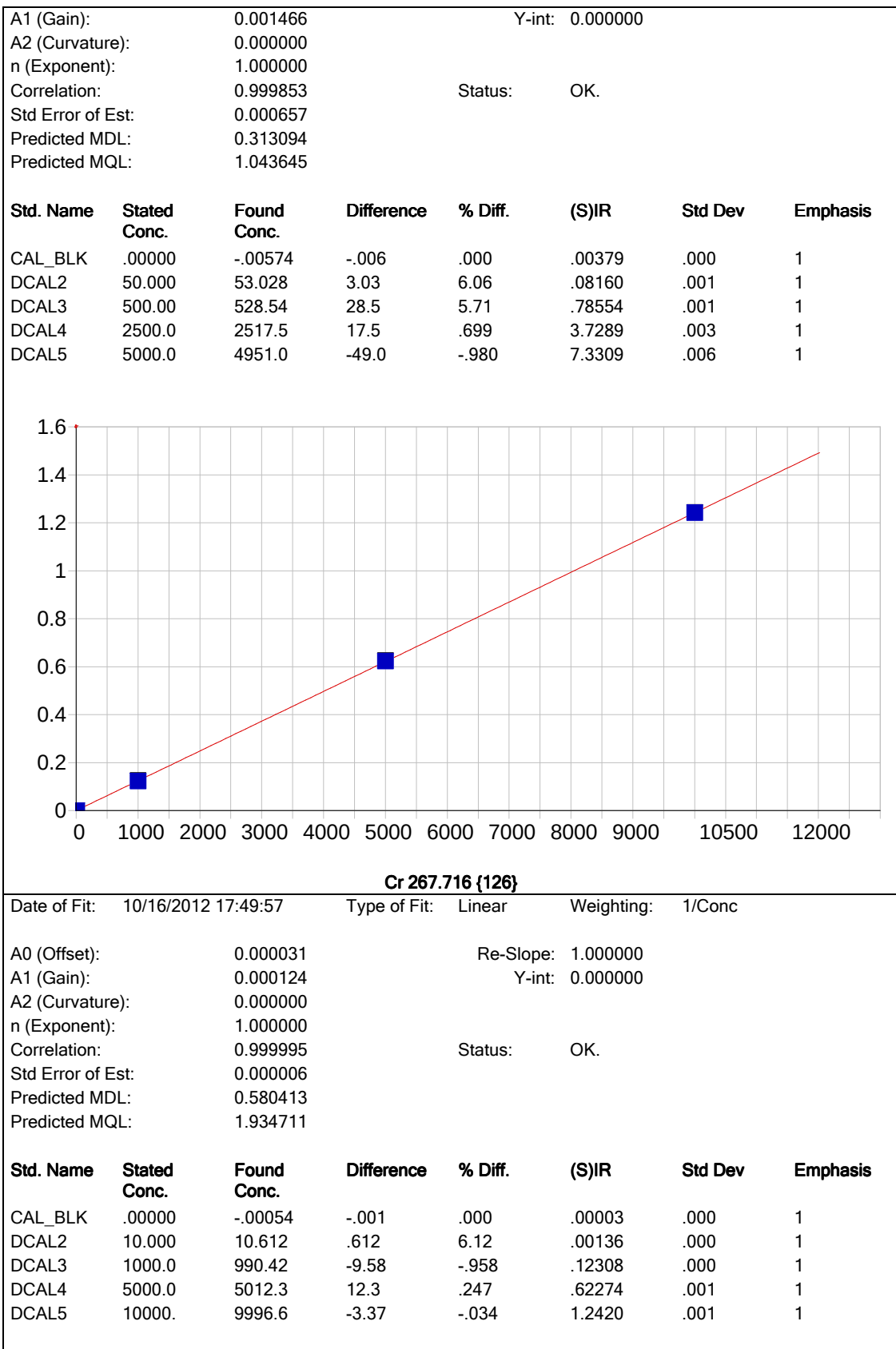
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00045	-.000	.000	-.00137	.000	1
DCAL2	4.0000	4.2704	.270	6.76	.01046	.001	1
DCAL3	250.00	260.86	10.9	4.35	.72329	.001	1
DCAL4	1250.0	1264.8	14.8	1.19	3.5128	.001	1
DCAL5	2500.0	2474.0	-26.0	-1.04	6.8732	.012	1

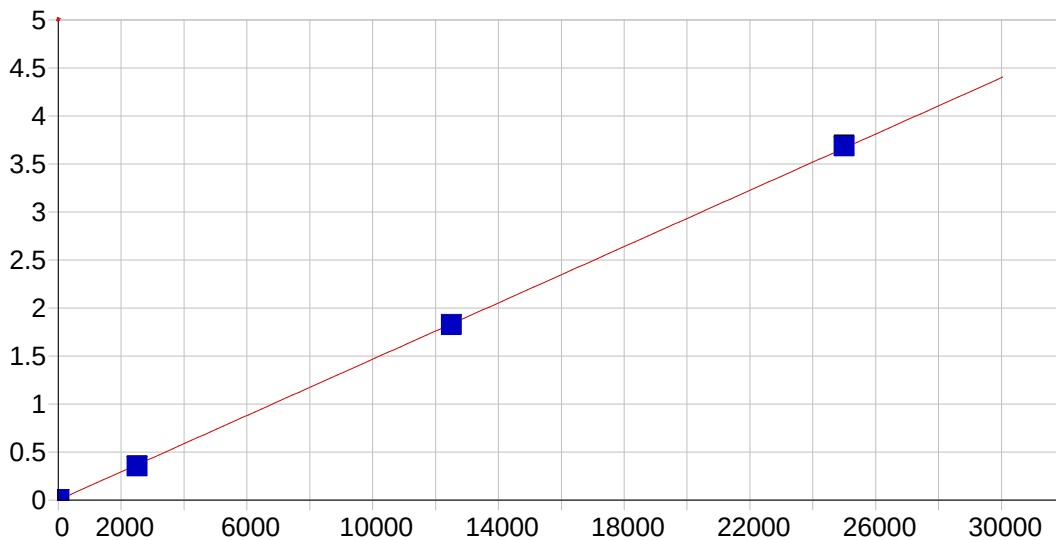


Co 228.616 {447}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003799 Re-Slope: 1.000000



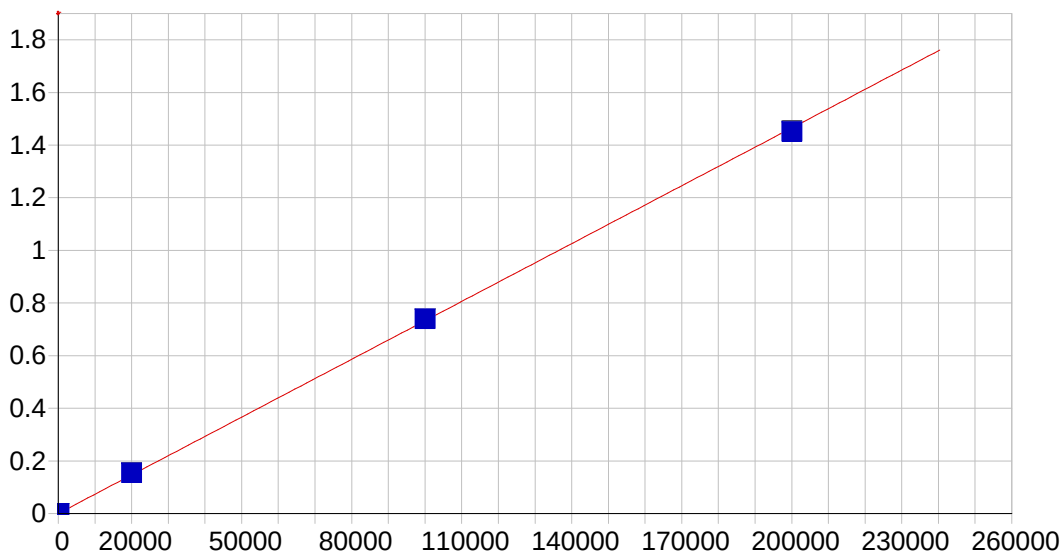


Cu 324.754 {104}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

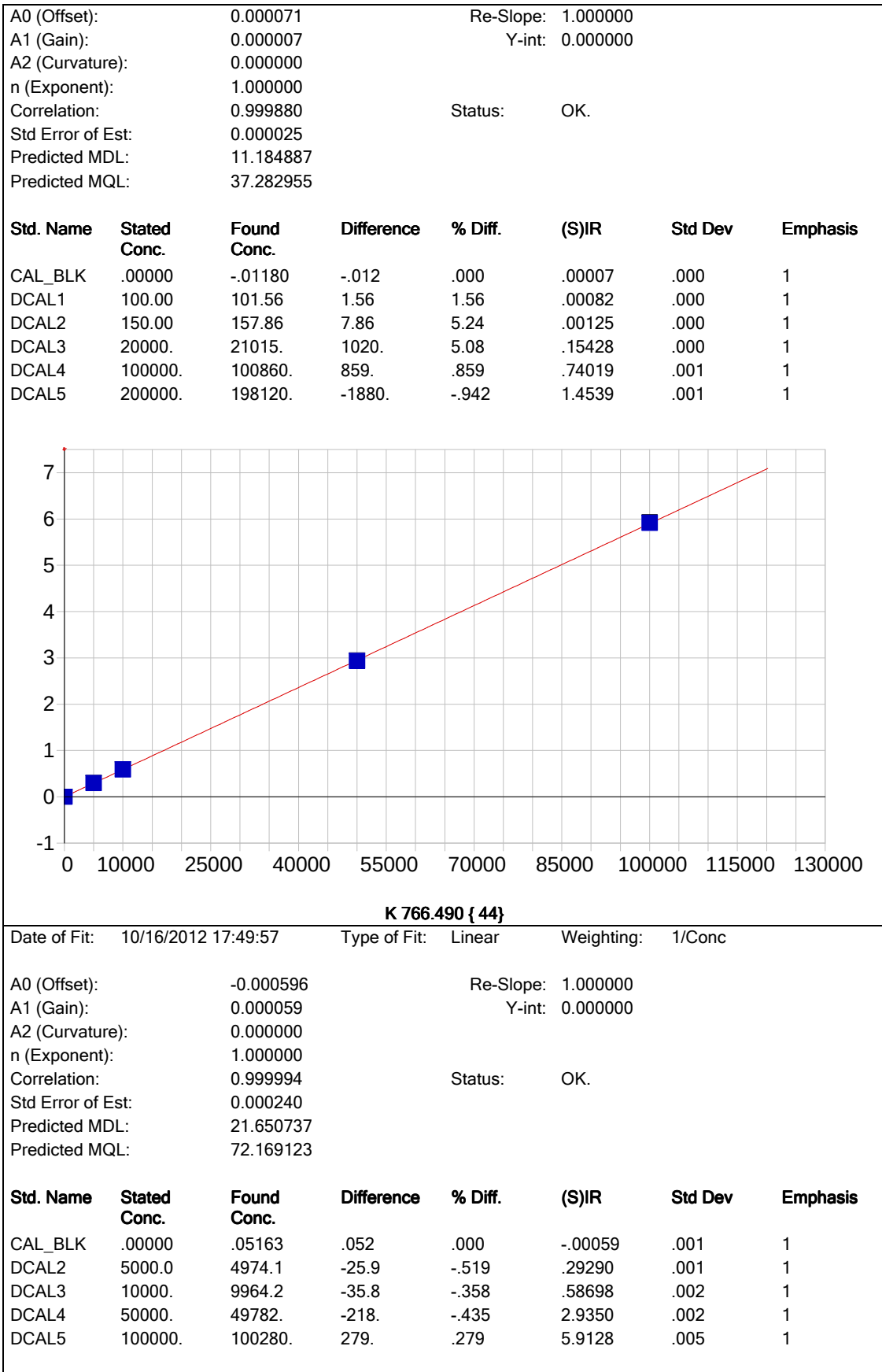
A0 (Offset): 0.001562 Re-Slope: 1.000000
 A1 (Gain): 0.000147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 2.306400
 Predicted MQL: 7.688000

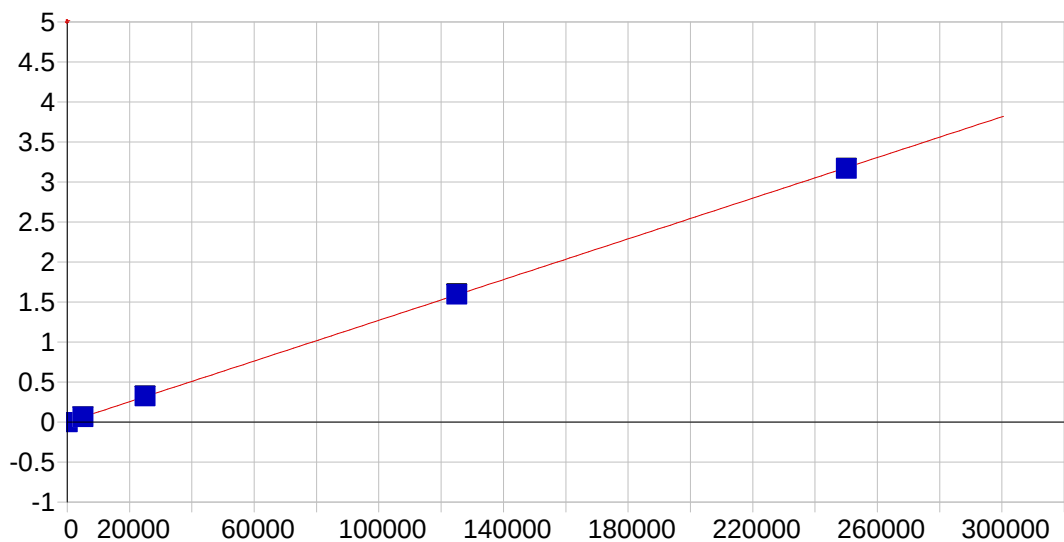
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00077	.001	.000	.00156	.000	1
DCAL1	10.000	10.097	.097	.974	.00304	.000	1
DCAL2	25.000	23.761	-1.24	-4.96	.00503	.000	1
DCAL3	2500.0	2402.6	-97.4	-3.90	.35317	.001	1
DCAL4	12500.	12448.	-52.3	-.419	1.8233	.004	1
DCAL5	25000.	25151.	151.	.603	3.6825	.007	1



Fe 271.441 {124}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc



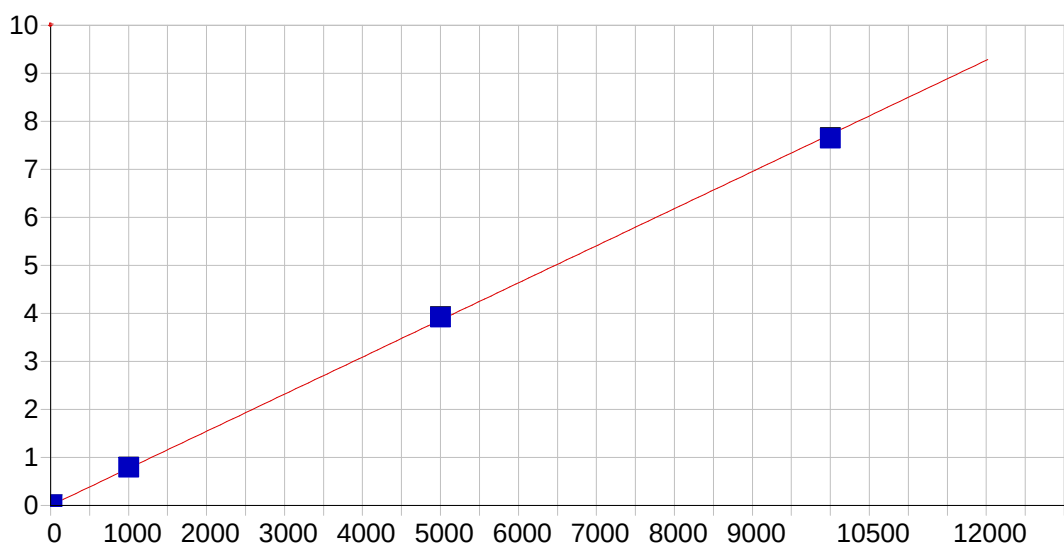


Mg 279.079 {121}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.000013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 5.856975
 Predicted MQL: 19.523250

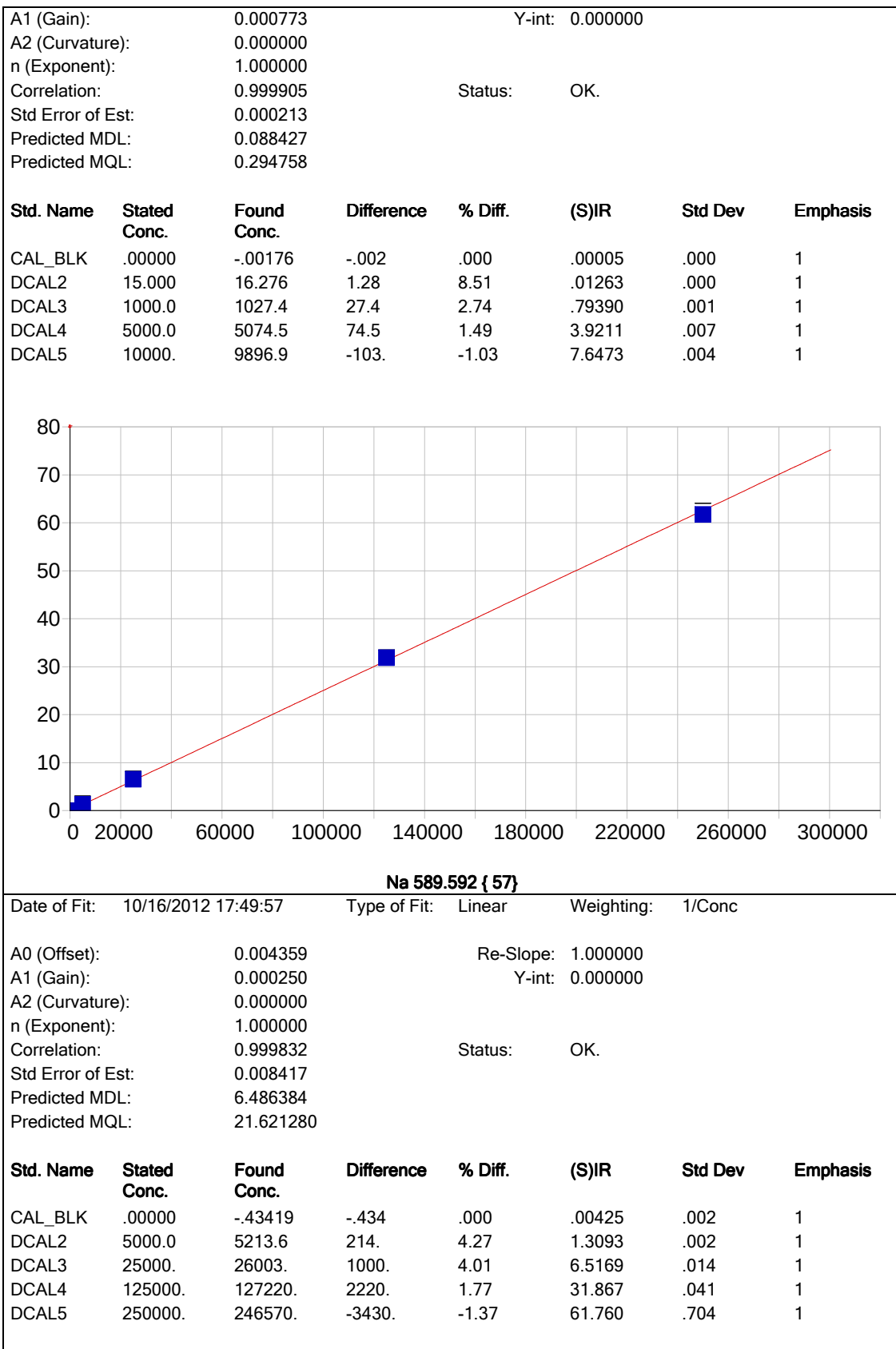
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.20519	-.205	.000	-.00003	.000	1
DCAL2	5000.0	5135.4	135.	2.71	.06527	.000	1
DCAL3	25000.	25350.	350.	1.40	.32224	.001	1
DCAL4	125000.	125470.	472.	.377	1.5950	.004	1
DCAL5	250000.	249040.	-957.	-.383	3.1659	.004	1

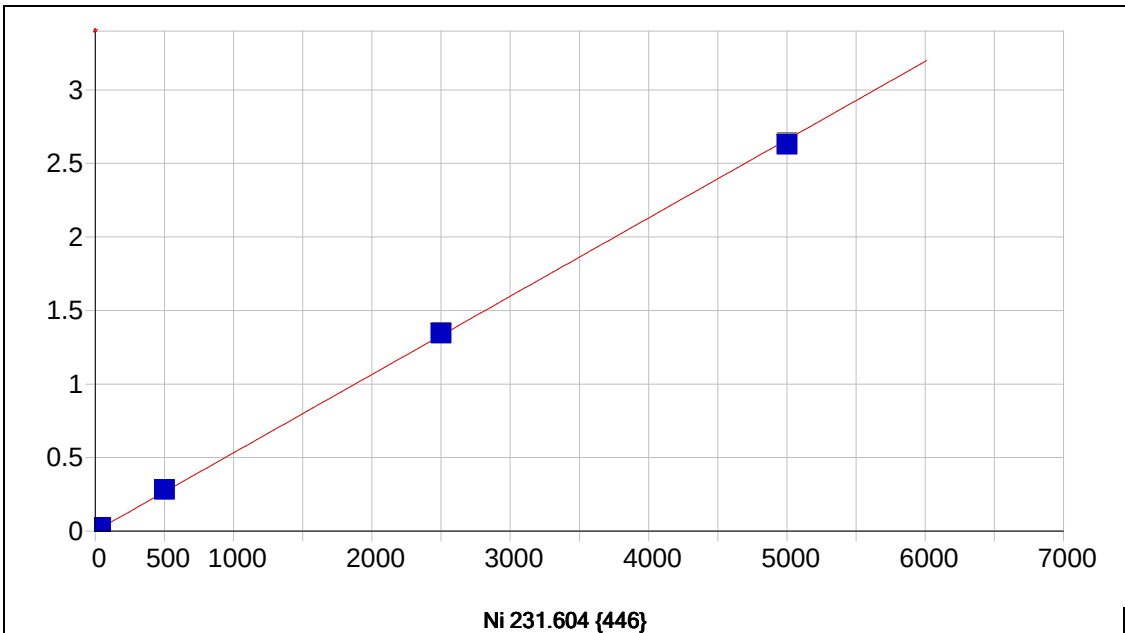


Mn 257.610 {131}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000

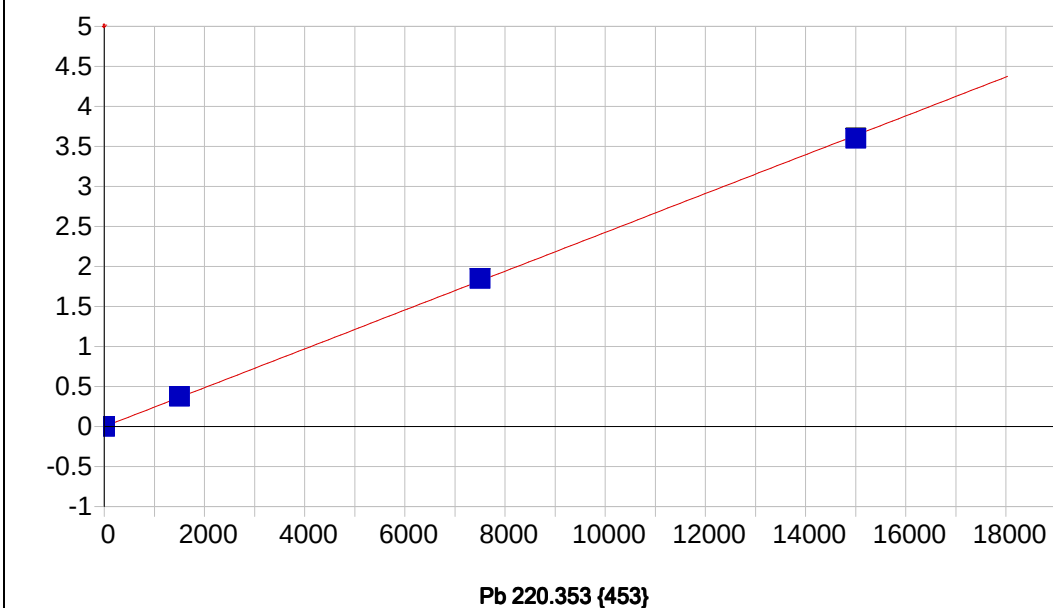




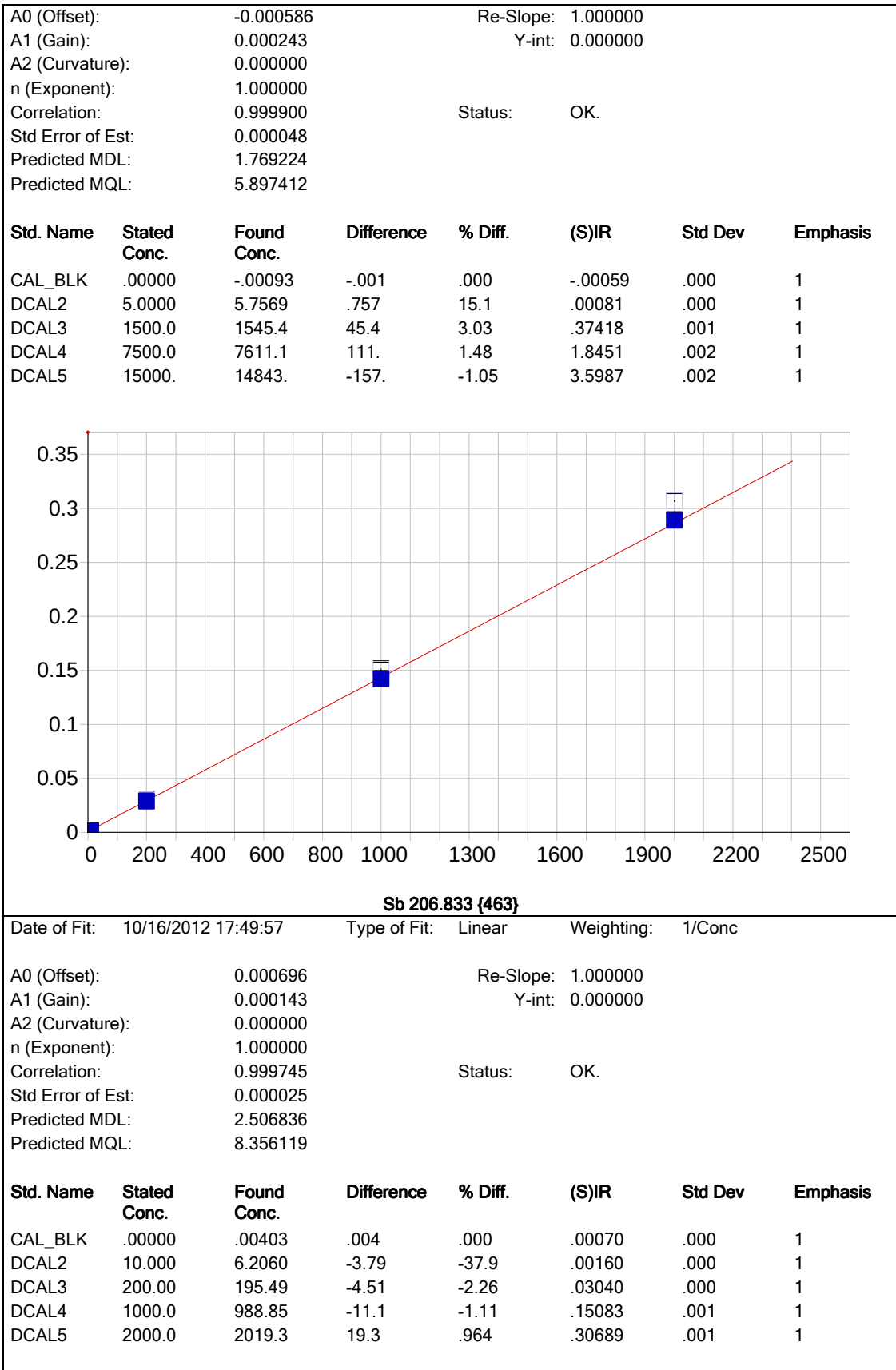
Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

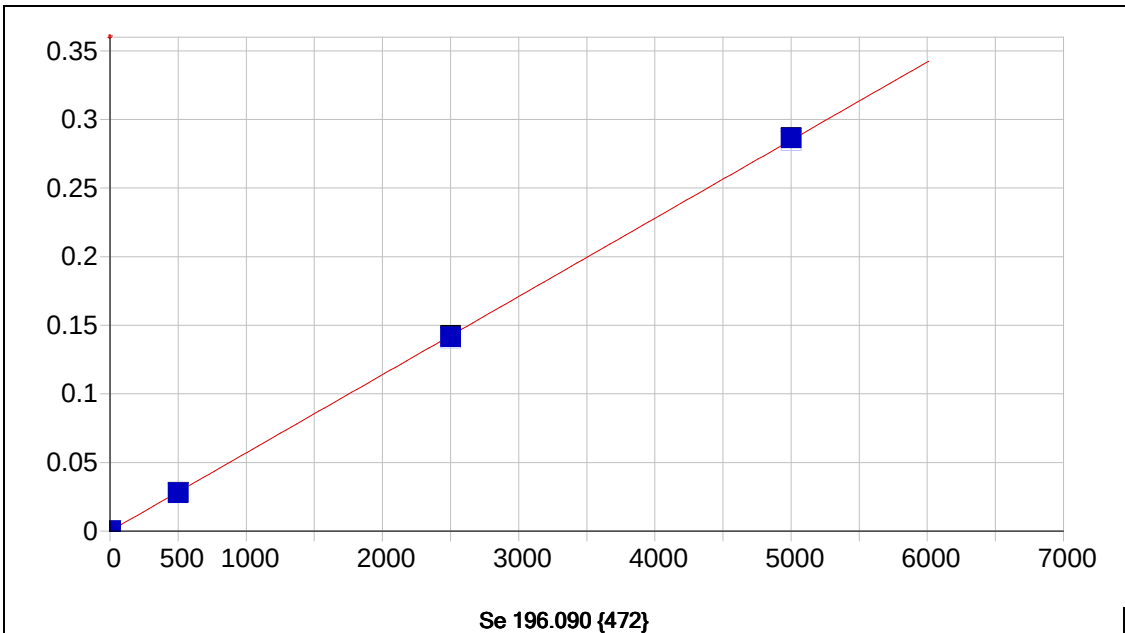
A0 (Offset): 0.000391 Re-Slope: 1.000000
 A1 (Gain): 0.000532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.727217
 Predicted MQL: 2.424058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00221	-.002	.000	.00039	.000	1
DCAL1	10.000	10.967	.967	9.67	.00623	.000	1
DCAL2	40.000	42.616	2.62	6.54	.02307	.000	1
DCAL3	500.00	530.27	30.3	6.05	.28297	.001	1
DCAL4	2500.0	2525.7	25.7	1.03	1.3464	.001	1
DCAL5	5000.0	4940.5	-59.5	-1.19	2.6334	.005	1



Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

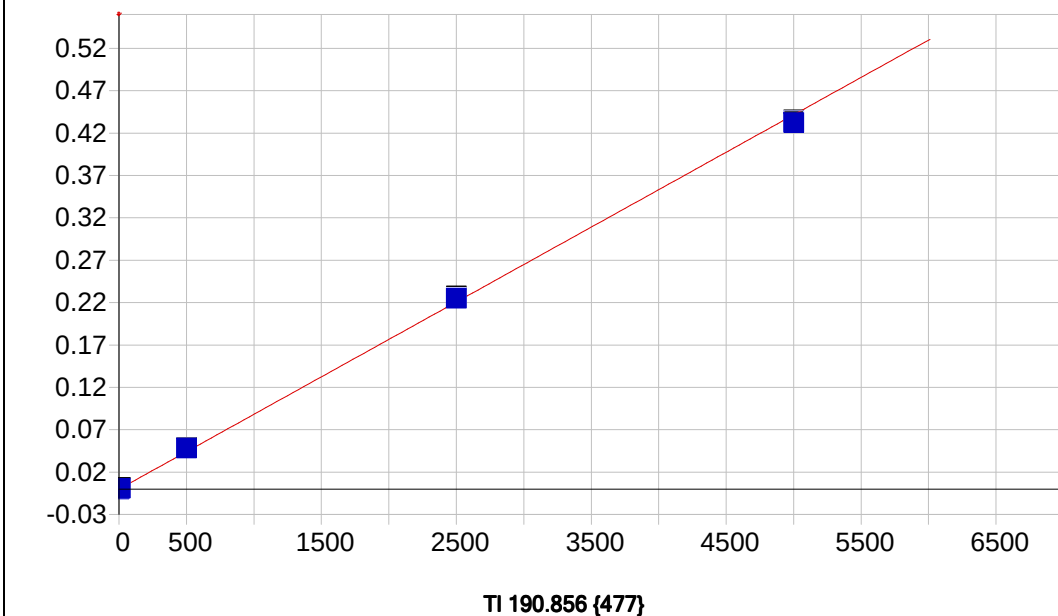




Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

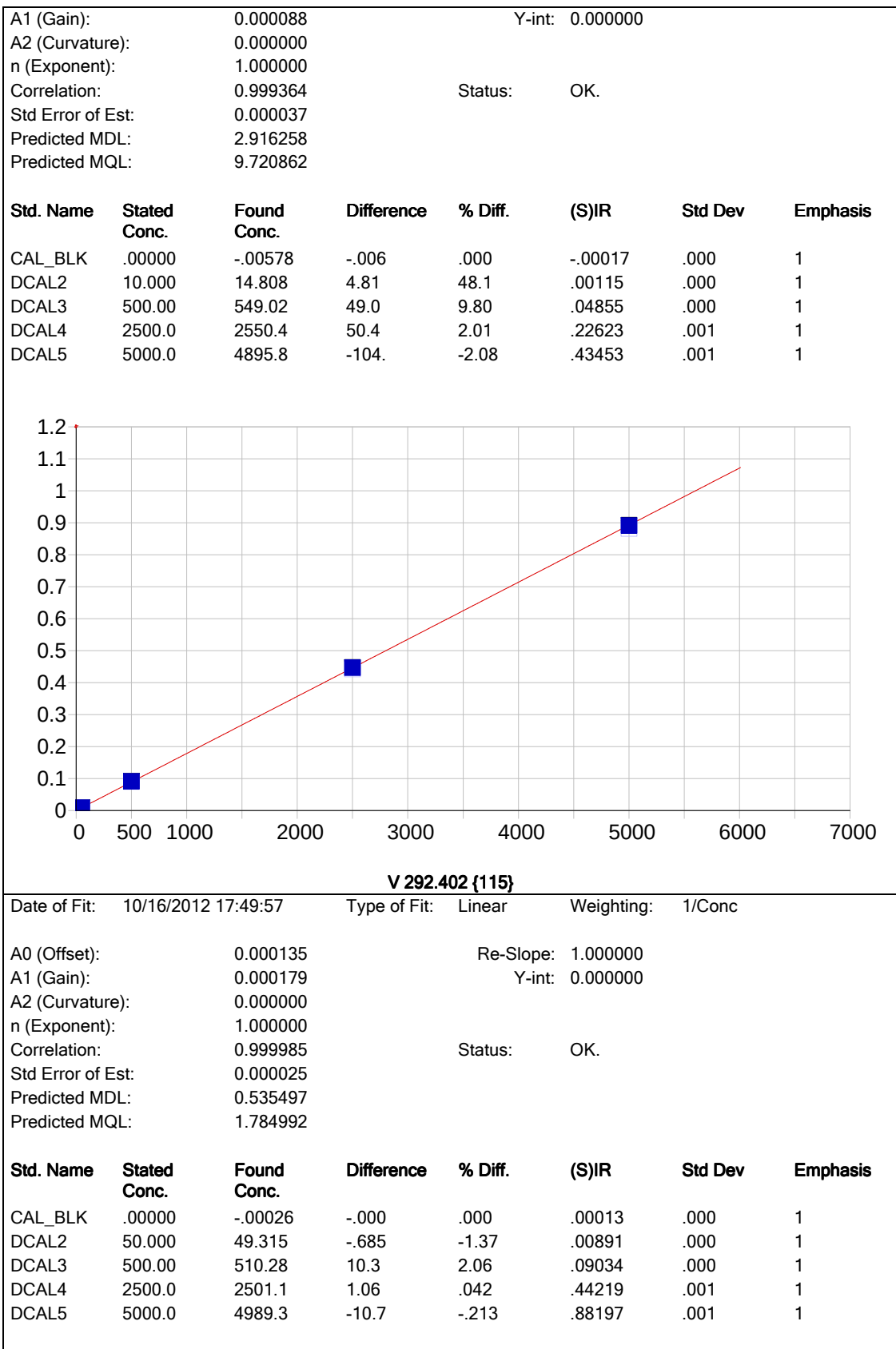
A0 (Offset): 0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.000057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 4.000233
 Predicted MQL: 13.334111

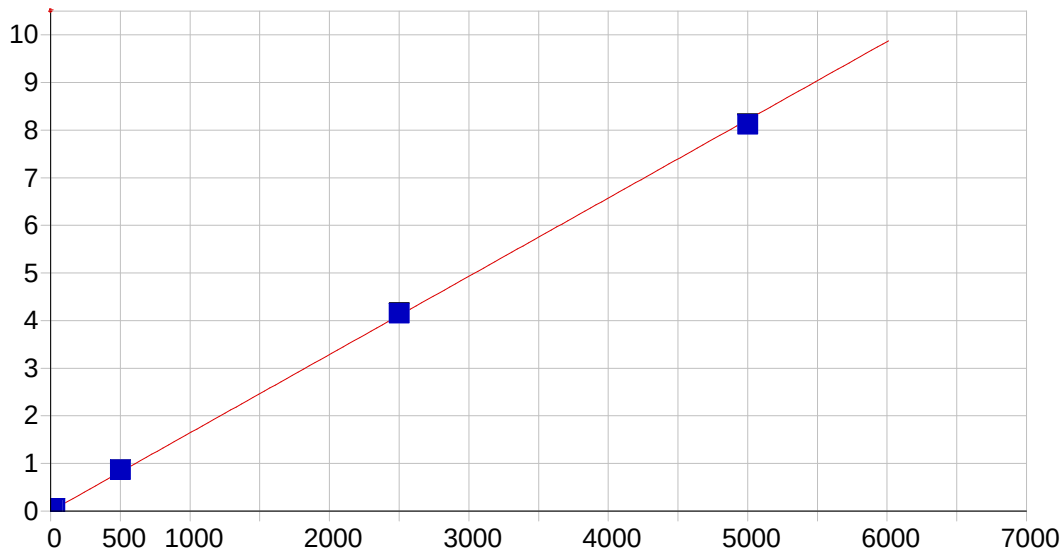
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00035	.000	.000	.00003	.000	1
DCAL2	5.0000	4.7660	-.234	-4.68	.00029	.000	1
DCAL3	500.00	489.20	-10.8	-2.16	.02769	.000	1
DCAL4	2500.0	2483.5	-16.5	-.658	.14046	.001	1
DCAL5	5000.0	5027.5	27.5	.550	.28433	.000	1



Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000



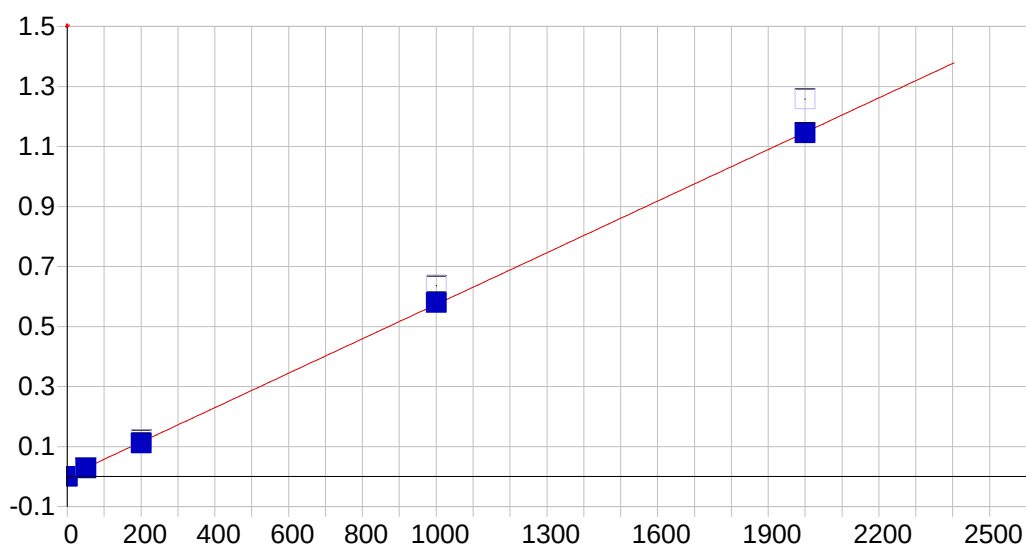


Zn 206.200 {463}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

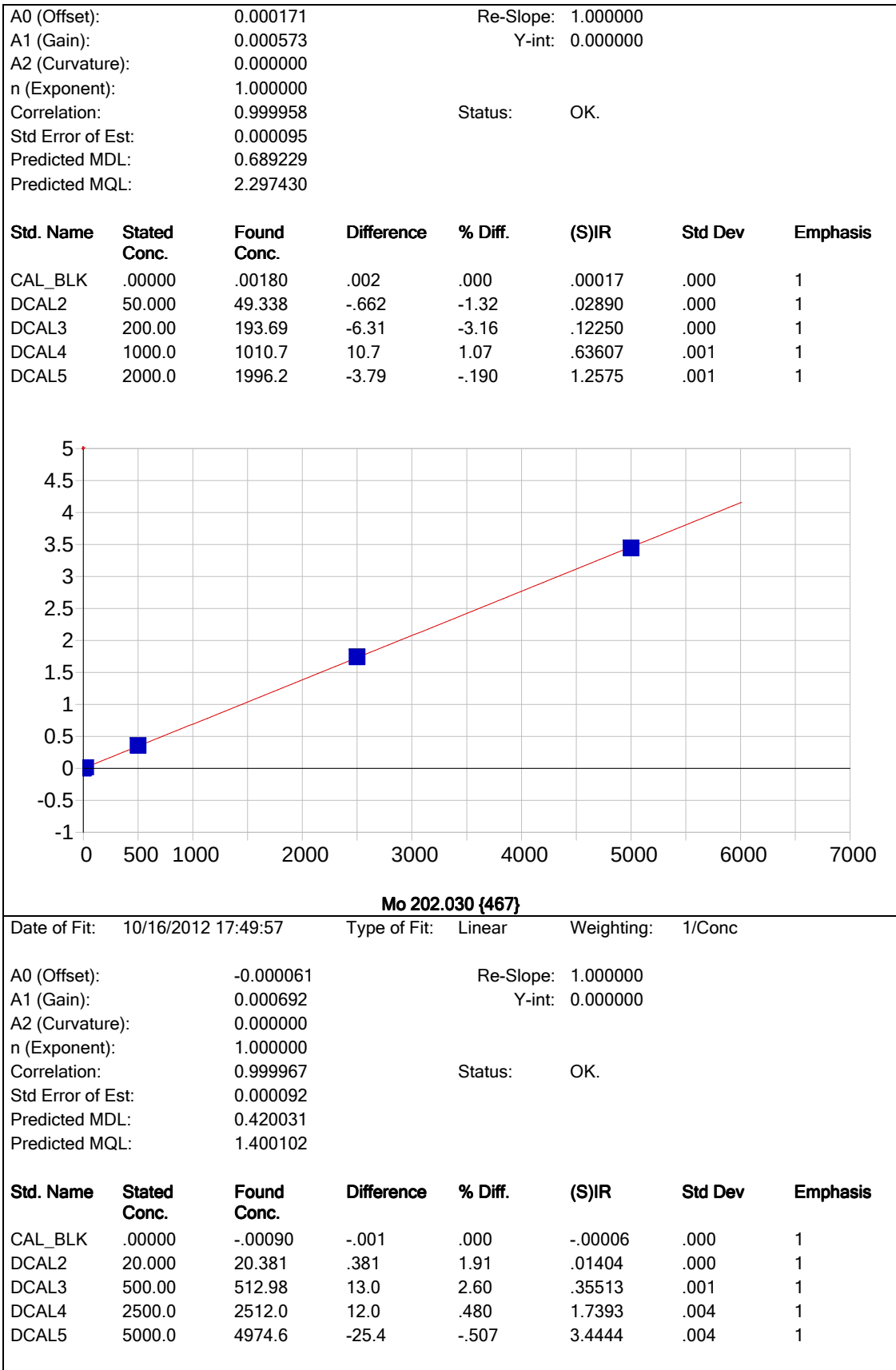
A0 (Offset): 0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.001643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000331
 Predicted MDL: 0.206739
 Predicted MQL: 0.689129

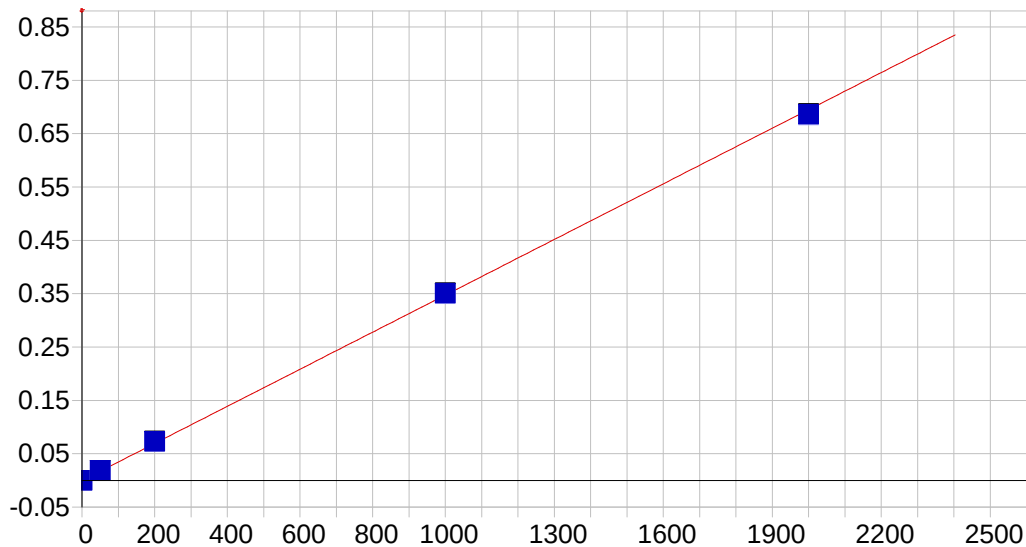
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00200	-.002	.000	.00034	.000	1
DCAL2	30.000	31.646	1.65	5.49	.05236	.000	1
DCAL3	500.00	527.82	27.8	5.56	.86812	.002	1
DCAL4	2500.0	2528.0	28.0	1.12	4.1566	.004	1
DCAL5	5000.0	4941.6	-58.4	-1.17	8.1249	.017	1
DCAL1	10.000	10.902	.902	9.02	.01827	.000	1



B 208.959 {461}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc



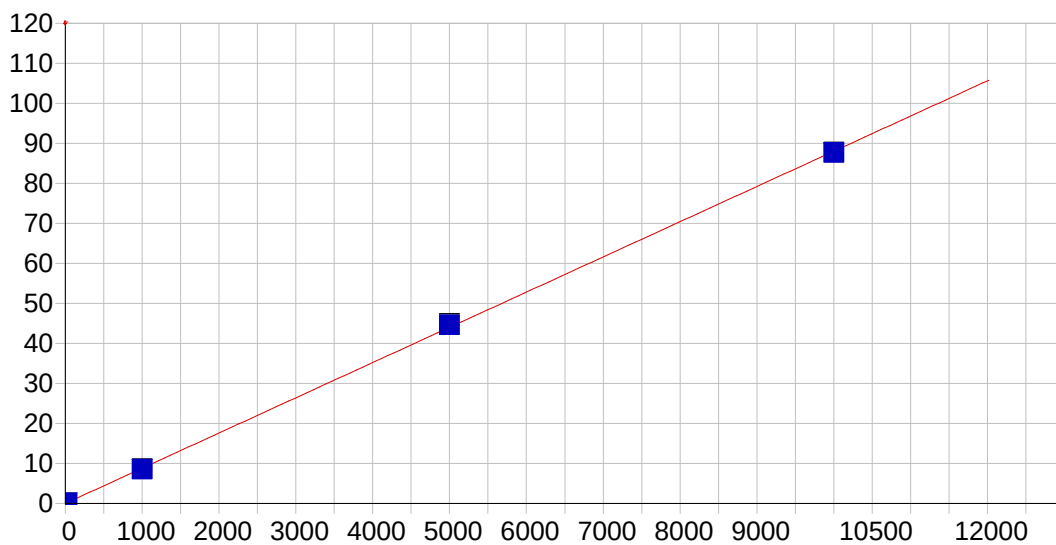


Sn 189.989 {477}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.000348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.766292
 Predicted MQL: 2.554308

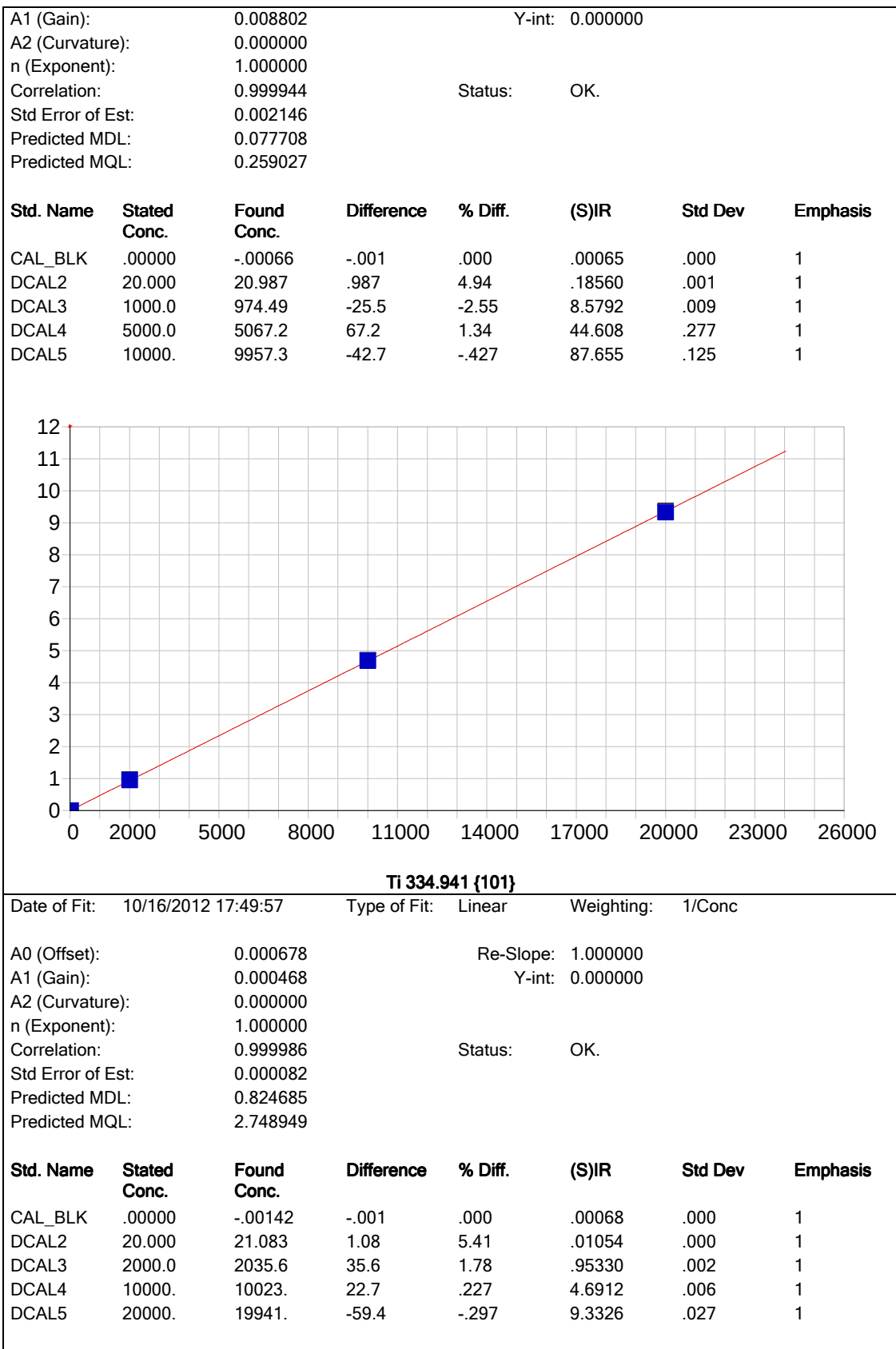
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00601	-.006	.000	-.00018	.000	1
DCAL2	50.000	53.372	3.37	6.74	.01837	.000	1
DCAL3	200.00	210.96	11.0	5.48	.07294	.000	1
DCAL4	1000.0	1010.1	10.1	1.01	.34986	.000	1
DCAL5	2000.0	1975.6	-24.4	-1.22	.68441	.001	1

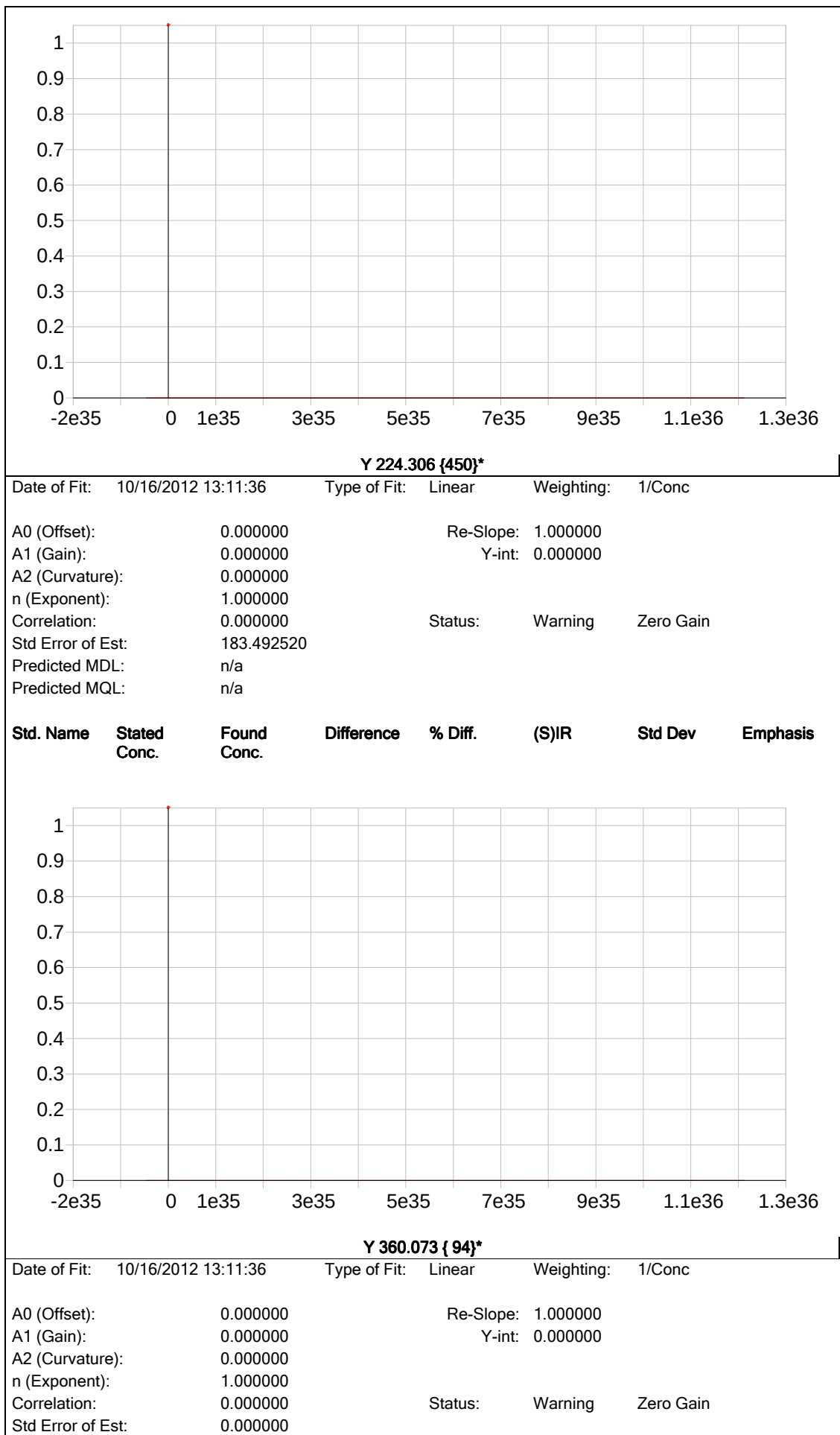


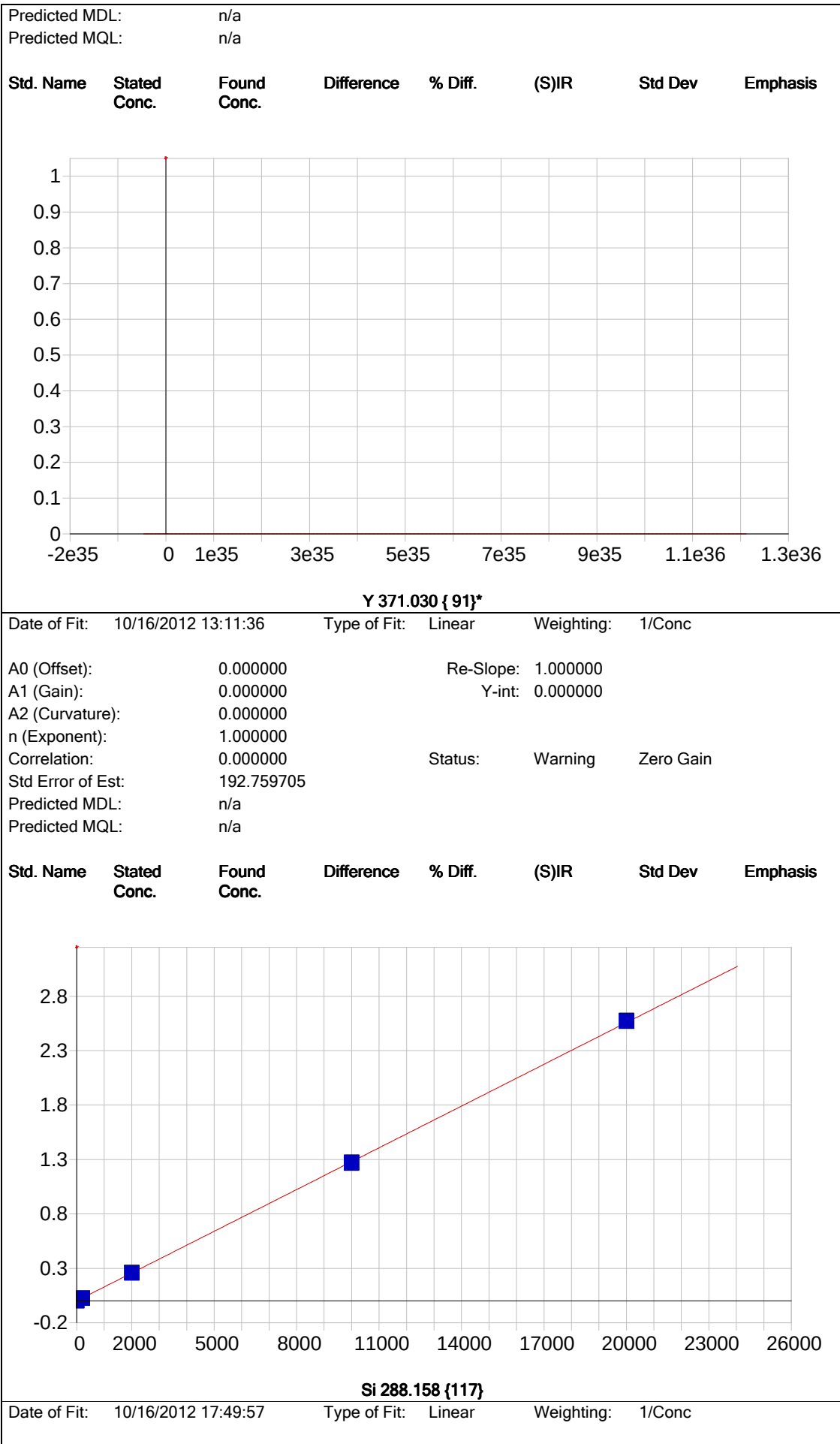
Sr 407.771 {83}

Date of Fit: 10/16/2012 17:49:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000653 Re-Slope: 1.000000







A0 (Offset):	0.001345	Re-Slope:	1.000000
A1 (Gain):	0.000128	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000113		
Predicted MDL:	11.369811		
Predicted MQL:	37.899371		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01606	.016	.000	.00135	.002	1
DCAL2	200.00	184.49	-15.5	-7.76	.02493	.001	1
DCAL3	2000.0	2001.3	1.26	.063	.25625	.002	1
DCAL4	10000.	9918.4	-81.6	-.816	1.2646	.004	1
DCAL5	20000.	20096.	95.9	.479	2.5611	.005	1

Sample Name: CAL_BLK Acquired: 10/16/2012 17:28:19 Type: Cal
Method: SW846_101112(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0003	-.0004	-.0002	.0000	-.0002	.0009
Stddev	.0001	.0000	.0000	.0002	.0003	.0004
%RSD	28.06	8.614	17.04	1230.	174.7	46.87

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0014	.0038	.0000	.0016	.0001	-.0006
Stddev	.0002	.0001	.0000	.0001	.0000	.0013
%RSD	13.61	1.805	94.09	4.465	29.10	227.5

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0000	.0000	.0043	.0004	-.0006	.0007
Stddev	.0000	.0000	.0016	.0003	.0003	.0002
%RSD	65.59	96.79	37.96	80.22	59.28	24.91

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	-.0002	.0001	.0003	.0002	-.0001
Stddev	.0000	.0001	.0001	.0003	.0003	.0002
%RSD	92.94	47.81	42.31	86.34	147.7	347.3

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	.0006	.0007	.0013
Stddev	.0000	.0002	.0003	.0017
%RSD	21.99	38.58	37.35	125.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1787.5	37554.	9616.8
Stddev	4.0	70.	80.2
%RSD	.22404	.18637	.83438

Sample Name: DCAL1 Acquired: 10/16/2012 17:32:02 Type: Cal
 Method: SW846_101112(v9) Mode: IR Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0030	.0008	.0062	.0183
Stddev	.0003	.0001	.0004	.0001
%RSD	9.555	6.630	6.384	.5242

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1785.3	37445.	9588.5
Stddev	.8	30.	53.1
%RSD	.04451	.07894	.55422

Sample Name: DCAL2 Acquired: 10/16/2012 17:35:47 Type: Cal
Method: SW846_101112(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0130	.0006	.0014	.2205	.0100	.4165
Stddev	.0002	.0002	.0001	.0001	.0002	.0007
%RSD	1.604	38.59	5.351	.0302	2.056	.1781

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0105	.0816	.0014	.0050	.0012	.2929
Stddev	.0006	.0006	.0000	.0001	.0000	.0009
%RSD	5.781	.6954	2.374	1.553	3.094	.3188

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0653	.0126	1.309	.0231	.0008	.0016
Stddev	.0001	.0000	.002	.0004	.0000	.0001
%RSD	.1754	.1165	.1556	1.801	5.113	7.522

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	.0012	.0089	.0524	.0289	.0140
Stddev	.0001	.0001	.0000	.0002	.0002	.0000
%RSD	19.06	8.940	.4727	.4469	.7317	.2065

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0184	.1856	.0105	.0249
Stddev	.0002	.0009	.0003	.0006
%RSD	1.174	.5063	3.034	2.558

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1784.6	37215.	9580.3
Stddev	1.6	48.	6.2
%RSD	.08926	.12858	.06516

Sample Name: DCAL3 Acquired: 10/16/2012 17:39:28 Type: Cal
Method: SW846_101112(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.729	.0637	.0418	2.209	.9711	2.059
Stddev	.004	.0004	.0002	.003	.0008	.005
%RSD	.2119	.6406	.4370	.1258	.0857	.2431

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7233	.7855	.1231	.3532	.1543	.5870
Stddev	.0007	.0009	.0002	.0012	.0002	.0019
%RSD	.0905	.1171	.1596	.3535	.1227	.3297

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3222	.7939	6.517	.2830	.3742	.0304
Stddev	.0007	.0011	.014	.0007	.0006	.0002
%RSD	.2183	.1420	.2093	.2427	.1520	.7722

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0277	.0486	.0903	.8681	.1225	.3551
Stddev	.0003	.0005	.0001	.0015	.0004	.0009
%RSD	.9367	.9750	.1347	.1747	.3247	.2575

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0729	8.579	.9533	.2563
Stddev	.0003	.009	.0025	.0016
%RSD	.4073	.0991	.2595	.6266

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1737.9	36114.	9564.0
Stddev	2.3	107.	21.7
%RSD	.13326	.29536	.22639

Sample Name: DCAL4 Acquired: 10/16/2012 17:42:55 Type: Cal
Method: SW846_101112(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.702	.3241	.2133	10.49	4.942	9.975
Stddev	.013	.0004	.0002	.02	.001	.012
%RSD	.1462	.1197	.0774	.1460	.0221	.1169

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.513	3.729	.6227	1.823	.7402	2.935
Stddev	.001	.003	.0013	.004	.0011	.002
%RSD	.0269	.0899	.2009	.2250	.1451	.0820

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.595	3.921	31.87	1.346	1.845	.1508
Stddev	.004	.007	.04	.001	.002	.0006
%RSD	.2561	.1847	.1274	.0840	.1265	.3826

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1405	.2262	.4422	4.157	.6361	1.739
Stddev	.0011	.0012	.0006	.004	.0014	.004
%RSD	.7861	.5478	.1433	.0859	.2158	.2028

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3499	44.61	4.691	1.265
Stddev	.0005	.28	.006	.004
%RSD	.1354	.6201	.1311	.2800

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1637.9	33825.	9368.9
Stddev	2.0	81.	14.7
%RSD	.12250	.23924	.15655

Sample Name: DCAL5 Acquired: 10/16/2012 17:46:25 Type: Cal
Method: SW846_101112(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.55	.6594	.4388	20.48	9.809	18.92
Stddev	.04	.0016	.0006	.03	.017	.07
%RSD	.2059	.2430	.1347	.1439	.1767	.3826

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.873	7.331	1.242	3.683	1.454	5.913
Stddev	.012	.006	.001	.007	.001	.005
%RSD	.1803	.0823	.0443	.1967	.0915	.0898

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.166	7.647	61.76	2.633	3.599	.3069
Stddev	.004	.004	.70	.004	.002	.0006
%RSD	.1249	.0484	1.140	.1720	.0490	.2102

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2843	.4345	.8820	8.125	1.258	3.444
Stddev	.0001	.0009	.0011	.017	.001	.004
%RSD	.0275	.2009	.1283	.2097	.0930	.1221

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6844	87.66	9.333	2.561
Stddev	.0011	.12	.027	.005
%RSD	.1619	.1422	.2899	.1852

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1558.4	32382.	9260.2
Stddev	3.2	41.	40.3
%RSD	.20745	.12743	.43552

Sample Name: CCV Acquired: 10/16/2012 17:50:01 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	2469.	1224.	10040.	995.5	129300.
Stddev	158.	10.	2.	24.	2.6	239.
%RSD	.1268	.4148	.1987	.2422	.2625	.1848

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1250.	2499.	5004.	12420.	100500.	49720.
Stddev	5.	5.	6.	21.	164.	86.
%RSD	.4227	.2129	.1187	.1684	.1628	.1737

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	5073.	126900.	2523.	7623.	986.6
Stddev	232.	11.	340.	5.	22.	2.1
%RSD	.1857	.2083	.2680	.2038	.2853	.2096

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2448.	2510.	2479.	2487.	993.2	2503.
Stddev	12.	17.	4.	7.	1.6	8.
%RSD	.4813	.6830	.1435	.2750	.1642	.3228

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 17:50:01 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1004.	5051.	10030.	9775.
Stddev	2.	52.	26.	40.
%RSD	.2271	1.037	.2638	.4085

Check ?	Sn1899	Sr4077	Ti3349	Si2881
Value	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1631.5	33704.	9304.2
Stddev	2.4	80.	41.1
%RSD	.14632	.23759	.44181

Sample Name: CCB Acquired: 10/16/2012 17:53:31 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.147	.7576	.4114	.1565	.0512	-12.55
Stddev	13.25	.9714	.3195	.1355	.0661	14.81
%RSD	421.1	128.2	77.65	86.58	129.2	118.0

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0811	.0047	.2921	-1.217	-1.645	152.9
Stddev	.1294	.1090	.5551	2.481	13.92	46.6
%RSD	159.5	2304.	190.0	203.9	846.5	30.49

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.485	.2793	65.72	.2755	.5855	-1.945
Stddev	8.646	.2443	27.53	.6653	1.749	2.263
%RSD	101.9	87.46	41.89	241.5	298.7	116.4

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.334	5.443	.0881	.2207	3.036	2.202
Stddev	3.634	2.737	.1880	.1754	.557	.632
%RSD	155.7	50.29	213.4	79.46	18.34	28.69

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

Sample Name: CCB Acquired: 10/16/2012 17:53:31 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5752	.3798	1.344	4.451
Stddev	.3799	.3654	1.016	4.371
%RSD	66.05	96.20	75.60	98.20

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1788.7	37464.	9515.6
Stddev	4.4	129.	30.3
%RSD	.24757	.34376	.31871

Sample Name: IC5A 1552029 Acquired: 10/16/2012 17:57:15 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	498000.	1.691	-.9751	-.2321	-.0352	438500.
Stddev	6946.	5.487	.2495	.2375	.0673	3809.
%RSD	1.395	324.4	25.59	102.3	191.0	.8686

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8254	-.6269	2.531	-2.911	195500.	186.7
Stddev	.0911	.3793	.085	1.031	454.	44.4
%RSD	11.04	60.50	3.360	35.42	.2321	23.79

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	496800.	1.630	-30.54	-2.137	4.335	-12.22
Stddev	1635.	.077	15.54	.166	1.380	2.04
%RSD	.3291	4.758	50.88	7.757	31.83	16.74

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.092	3.645	.6568	-.6470	.3041	.0004
Stddev	3.743	2.846	.1336	.1949	.4880	.9742
%RSD	52.77	78.06	20.35	30.12	160.5	250100.

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

Sample Name: IC5A 1552029 Acquired: 10/16/2012 17:57:15 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-2.668	.0677	-3.577	-6.721
Stddev	.894	.0203	.854	14.50
%RSD	33.52	29.94	23.89	215.8

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1561.7	31663.	9101.6
Stddev	1.0	58.	24.0
%RSD	.06496	.18391	.26380

Sample Name: ICSAB 1604491 Acquired: 10/16/2012 18:01:13 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	497800.	95.17	100.4	98.25	97.44	437700.
Stddev	5055.	1.25	1.0	.25	.39	2662.
%RSD	1.015	1.315	1.025	.2537	.3976	.6082

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96.35	93.46	97.90	95.50	196700.	10380.
Stddev	.31	.14	.79	1.35	511.	13.
%RSD	.3259	.1477	.8040	1.409	.2598	.1283

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	501400.	101.5	10470.	91.28	95.63	91.12
Stddev	1802.	.0	14.	1.02	3.35	1.06
%RSD	.3593	.0230	.1304	1.122	3.498	1.159

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96.68	101.6	96.70	92.55	95.23	94.74
Stddev	5.06	4.7	.49	.35	.79	.28
%RSD	5.231	4.600	.5055	.3784	.8332	.2955

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

Sample Name: ICSAB 1604491 Acquired: 10/16/2012 18:01:13 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	90.98	99.82	93.55	46.22
Stddev	2.05	.26	.56	8.90
%RSD	2.258	.2603	.5960	19.26

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1572.7	32005.	9169.4
Stddev	2.0	90.	15.5
%RSD	.12972	.28036	.16891

Sample Name: INT-10 1790436 Acquired: 10/16/2012 18:05:05 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-13.34	.5114	-1.869	-2.295	.6639	33.69
Stddev	38.62	3.038	.127	.221	.0386	45.39
%RSD	289.4	593.9	6.789	9.644	5.815	134.7

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.337	10590.	9971.	-2.022	-3.760	103.4
Stddev	.204	6.	14.	2.986	13.60	27.1
%RSD	15.30	.0606	.1372	147.7	361.8	26.17

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-68.44	10170.	41.01	10720.	-1.126	-8.986
Stddev	24.04	6.	5.71	4.	.075	2.729
%RSD	35.12	.0629	13.93	.0401	6.688	30.37

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.153	13.61	4863.	-2.051	15.90	4973.
Stddev	4.397	2.90	4.	.240	.80	6.
%RSD	204.3	21.33	.0851	11.73	5.009	.1277

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

Sample Name: INT-10 1790436 Acquired: 10/16/2012 18:05:05 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10300.	10020.	9374.	9488.
Stddev	2.	26.	24.	253.
%RSD	.0217	.2610	.2599	2.664

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1765.2	37257.	9597.9
Stddev	1.2	37.	68.6
%RSD	.06598	.09973	.71490

Sample Name: 460-45804-c-1-e du@1 Acquired: 10/16/2012 18:08:47 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12730.	8.314	-.1427	95.89	.6050	41190.
Stddev	28.	2.886	.3757	.11	.0100	62.
%RSD	.2195	34.71	263.3	.1197	1.658	.1496

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1834	15.64	38.04	49.42	33290.	1892.
Stddev	.1606	.61	.59	.80	16.	10.
%RSD	87.59	3.897	1.559	1.615	.0473	.5308

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22870.	610.9	1347.	31.23	53.86	-2.539
Stddev	38.	.8	9.	.57	1.62	2.104
%RSD	.1658	.1250	.6471	1.829	3.011	82.85

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.247	5.324	55.13	94.45	3.886	4.091
Stddev	2.802	3.065	.45	.16	.640	.670
%RSD	124.7	57.56	.8104	.1654	16.47	16.39

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

Sample Name: 460-45804-c-1-e du@1 Acquired: 10/16/2012 18:08:47 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.411	44.27	618.0	469.6
Stddev	.264	.61	1.0	28.0
%RSD	5.972	1.385	.1606	5.960

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1778.6	36990.	9774.3
Stddev	.2	71.	23.8
%RSD	.01140	.19170	.24331

Sample Name: 460-45804-c-1-d@10 Acquired: 10/16/2012 18:12:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12510.	8.177	-.4270	94.31	.6472	40490.
Stddev	47.	2.134	.7434	.08	.0235	45.
%RSD	.3769	26.10	174.1	.0874	3.633	.1121

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1912	14.71	36.85	47.65	32710.	1871.
Stddev	.0739	.15	.16	1.52	48.	13.
%RSD	38.64	1.004	.4375	3.200	.1476	.6878

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22410.	598.6	1322.	29.96	51.80	-2.872
Stddev	54.	1.5	5.	.74	1.10	1.709
%RSD	.2390	.2456	.3884	2.479	2.119	59.50

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.165	3.586	54.20	93.55	4.661	.9851
Stddev	3.867	2.934	.16	.34	.763	.1319
%RSD	331.9	81.83	.2929	.3602	16.38	13.39

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

Sample Name: 460-45804-c-1-d@10 Acquired: 10/16/2012 18:12:27 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.799	42.67	607.2	445.2
Stddev	.250	.16	3.2	8.2
%RSD	6.566	.3652	.5243	1.845

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1777.0	37101.	9767.6
Stddev	3.6	142.	18.6
%RSD	.20359	.38275	.19093

Sample Name: sd 460-45804-c-1-d@5 Acquired: 10/16/2012 18:16:06 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2454.	3.102	.3771	18.65	.0515	7935.
Stddev	18.	2.246	.9826	.33	.0587	18.
%RSD	.7417	72.39	260.6	1.760	113.9	.2303

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0518	2.629	7.222	6.872	6464.	383.5
Stddev	.0985	.233	.621	.920	12.	31.4
%RSD	190.3	8.865	8.596	13.39	.1833	8.191

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4464.	119.5	276.2	6.353	10.95	-1.560
Stddev	16.	.3	7.1	.420	.87	1.808
%RSD	.3516	.2770	2.557	6.618	7.985	115.9

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.662	2.956	10.67	19.72	1.303	.8182
Stddev	1.619	6.562	.21	.07	.700	.4830
%RSD	60.83	222.0	2.008	.3438	53.77	59.03

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

Sample Name: sd 460-45804-c-1-d@5 Acquired: 10/16/2012 18:16:06 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.451	8.481	116.8	81.63
Stddev	.718	.035	.7	12.17
%RSD	49.46	.4093	.5882	14.91

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1800.5	37494.	9567.2
Stddev	3.1	64.	37.2
%RSD	.17459	.17107	.38925

Sample Name: 460-45804-c-1-f ms@1 Acquired: 10/16/2012 18:19:47 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17130.	371.8	9.192	503.7	10.47	31150.
Stddev	6.	1.3	.234	.9	.01	43.
%RSD	.0345	.3520	2.541	.1765	.1036	.1371

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.05	112.5	83.68	94.45	36240.	6012.
Stddev	.08	.6	.43	.88	20.	26.
%RSD	.7487	.5004	.5172	.9362	.0542	.4321

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17930.	689.1	5499.	132.2	156.2	45.90
Stddev	10.	1.2	2.	.5	2.5	1.38
%RSD	.0580	.1753	.0331	.4020	1.616	3.007

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	361.3	423.9	147.4	209.9	97.23	93.07
Stddev	3.9	2.4	.1	.6	.28	.73
%RSD	1.079	.5575	.0763	.3083	.2917	.7873

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

Sample Name: 460-45804-c-1-f ms@1 Acquired: 10/16/2012 18:19:47 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	100.9	141.8	748.9	799.6
Stddev	.9	.2	2.5	24.3
%RSD	.9404	.1306	.3295	3.038

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1787.1	37122.	9745.4
Stddev	3.0	120.	44.9
%RSD	.16759	.32194	.46055

Sample Name: pds 460-45804-c-1-d@ Acquired: 10/16/2012 18:23:22 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14170.	1811.	45.14	2024.	47.96	59900.
Stddev	10.	4.	.44	3.	.17	85.
%RSD	.0730	.1980	.9795	.1238	.3636	.1427

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.78	485.4	223.9	275.5	32910.	20610.
Stddev	.17	.6	2.0	1.1	195.	46.
%RSD	.3642	.1227	.8771	.4098	.5917	.2222

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40760.	1066.	20910.	507.2	537.1	436.4
Stddev	214.	4.	58.	1.6	4.3	3.2
%RSD	.5242	.3774	.2793	.3100	.7999	.7313

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1789.	2014.	515.9	558.7	467.7	457.8
Stddev	4.	5.	1.8	1.0	1.8	1.1
%RSD	.2290	.2541	.3547	.1867	.3790	.2498

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

Sample Name: pds 460-45804-c-1-d@ Acquired: 10/16/2012 18:23:22 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	475.9	505.9	1068.	504.2
Stddev	1.4	.3	4.	1.3
%RSD	.2864	.0618	.3367	.2512

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1752.2	36477.	9746.3
Stddev	1.6	78.	32.6
%RSD	.09354	.21508	.33443

Sample Name: 460-45910-a-8-j@4 Acquired: 10/16/2012 18:26:51 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39010.	46.15	9.418	536.8	2.117	177400.
Stddev	89.	1.42	.817	.3	.062	238.
%RSD	.2285	3.076	8.679	.0600	2.942	.1342

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.527	24.67	319.6	603.6	76670.	10850.
Stddev	.125	.31	.8	2.4	138.	23.
%RSD	1.911	1.248	.2546	.4051	.1799	.2135

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24230.	1358.	24490.	102.7	439.4	-1.680
Stddev	66.	2.	51.	.7	.5	2.199
%RSD	.2726	.1347	.2085	.7009	.1131	130.9

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.156	6.086	123.9	915.5	78.07	6.091
Stddev	1.563	2.262	.7	.8	.44	.546
%RSD	21.84	37.17	.5512	.0836	.5619	8.966

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

Sample Name: 460-45910-a-8-j@4 Acquired: 10/16/2012 18:26:51 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	69.78	1062.	1158.	2210.
Stddev	1.38	2.	3.	10.
%RSD	1.974	.2001	.2524	.4343

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1767.0	36677.	9990.6
Stddev	3.8	164.	38.0
%RSD	.21260	.44671	.38037

Sample Name: lcssrm 460-132132/2- Acquired: 10/16/2012 18:30:27 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27080.	817.7	206.5	1066.	558.7	36850.
Stddev	21.	3.9	.2	2.	.5	54.
%RSD	.0763	.4730	.1184	.1877	.0919	.1465

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	535.2	699.7	606.7	593.5	56150.	12820.
Stddev	1.5	1.7	.5	1.1	72.	4.
%RSD	.2869	.2388	.0833	.1826	.1283	.0337

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11490.	1763.	1630.	373.2	424.4	1067.
Stddev	25.	2.	4.	.7	1.9	4.
%RSD	.2172	.1417	.2385	.1980	.4472	.4203

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	603.5	1155.	424.7	1414.	411.1	349.1
Stddev	3.4	3.	.7	3.	2.1	1.0
%RSD	.5707	.2458	.1658	.1874	.5219	.2832

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

Sample Name: lcssrm 460-132132/2- Acquired: 10/16/2012 18:30:27 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	752.1	671.4	716.3	1496.
Stddev	2.6	.8	1.4	32.
%RSD	.3509	.1216	.1991	2.131

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1834.9	38211.	10089.
Stddev	2.8	90.	37.
%RSD	.15063	.23591	.36631

Sample Name: CCV Acquired: 10/16/2012 18:33:54 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	2456.	1227.	10030.	995.8	129400.
Stddev	155.	1.	1.	2.	.9	151.
%RSD	.1245	.0466	.0944	.0186	.0854	.1164

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1254.	2496.	4976.	12420.	100300.	50060.
Stddev	.	2.	4.	9.	87.	13.
%RSD	.0391	.0793	.0846	.0724	.0869	.0264

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	5067.	127500.	2522.	7636.	990.4
Stddev	141.	6.	169.	4.	10.	3.5
%RSD	.1126	.1180	.1322	.1545	.1252	.3487

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2446.	2536.	2482.	2492.	987.9	2505.
Stddev	6.	2.	1.	3.	1.8	2.
%RSD	.2581	.0982	.0583	.1041	.1865	.0768

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 18:33:54 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1007.	5052.	10060.	9651.
Stddev	2.	38.	5.	21.
%RSD	.2388	.7454	.0472	.2183

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1638.6	33930.	9314.2
Stddev	1.1	39.	25.7
%RSD	.06787	.11438	.27626

Sample Name: CCB Acquired: 10/16/2012 18:37:25 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5482	2.273	-.1040	.2096	.0800	5.252
Stddev	15.78	1.442	.7058	.4163	.0542	10.63
%RSD	2878.	63.44	678.8	198.6	67.72	202.5

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0801	.1303	.5105	1.835	-4.910	109.3
Stddev	.1478	.2485	.2757	.907	1.510	19.4
%RSD	184.5	190.7	54.01	49.42	30.75	17.78

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.714	.3562	43.69	.4916	2.120	-1.616
Stddev	2.514	.2404	27.03	.4744	1.184	3.093
%RSD	37.44	67.50	61.87	96.51	55.83	191.4

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5244	4.548	-.1222	-.0039	1.550	1.962
Stddev	2.590	3.384	.1101	.2544	.647	.438
%RSD	494.0	74.41	90.04	6532.	41.72	22.32

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

Sample Name: CCB Acquired: 10/16/2012 18:37:25 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2932	.3460	.9434	12.25
Stddev	1.220	.3863	.6219	9.70
%RSD	416.1	111.6	65.92	79.20

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1794.4	37628.	9520.5
Stddev	1.0	26.	68.6
%RSD	.05340	.06888	.72097

Sample Name: mb 460-132132/1-a@2 Acquired: 10/16/2012 18:41:10 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.43	2.184	-.2394	-.0464	-.0032	35.95
Stddev	3.03	.648	.5870	.3027	.1068	2.88
%RSD	26.54	29.69	245.2	653.1	3323.	8.025

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0877	-.4563	.6892	.9653	.5441	38.21
Stddev	.0226	.2836	.6577	1.207	6.013	20.40
%RSD	25.75	62.16	95.43	125.0	1105.	53.38

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.370	.0473	28.15	-.1929	.6724	-2.139
Stddev	.964	.0432	8.37	.4683	1.110	1.700
%RSD	70.34	91.37	29.74	242.8	165.1	79.46

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.340	3.108	-.2122	.7597	5.029	.8597
Stddev	4.587	1.098	.2990	.0804	.299	.2474
%RSD	105.7	35.34	140.9	10.59	5.937	28.77

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

Sample Name: mb 460-132132/1-a@2 Acquired: 10/16/2012 18:41:10 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7660	.2886	.5925	21.83
Stddev	.4451	.0450	.3192	17.24
%RSD	58.11	15.60	53.88	79.00

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1748.3	36937.	9290.5
Stddev	12.2	236.	57.1
%RSD	.69559	.63835	.61480

Sample Name: mb 460-132189/1-a Acquired: 10/16/2012 18:44:54 Type: QC

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.583	3.750	.7133	-.3084	.0025	6.536
Stddev	3.921	2.521	.0546	.0424	.0219	6.016
%RSD	85.55	67.22	7.657	13.75	882.4	92.04

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0866	-.2708	.6926	-.0296	-1.182	39.56
Stddev	.1733	.3126	.5443	.1687	7.295	21.93
%RSD	200.1	115.4	78.59	570.6	617.0	55.45

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.601	-.0020	10.40	1.537	1.060	.1876
Stddev	7.462	.1052	5.65	.800	1.420	.2444
%RSD	466.0	5161.	54.34	52.05	133.9	130.3

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2299	3.076	-.2812	3.605	1.135	.3841
Stddev	1.873	1.088	.1942	.168	.407	.2123
%RSD	814.5	35.38	69.07	4.672	35.86	55.26

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

Sample Name: mb 460-132189/1-a Acquired: 10/16/2012 18:44:54 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.007	.1036	-.5373	13.65
Stddev	.441	.0433	.3489	12.27
%RSD	43.75	41.79	64.93	89.84

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1814.5	38218.	9558.4
Stddev	3.4	183.	39.4
%RSD	.18857	.47794	.41177

Sample Name: Ib 460-132089/1-d@5 Acquired: 10/16/2012 18:48:37 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-20.60	4.548	.3329	.2395	-.0220	71.04
Stddev	15.71	1.140	.1080	.1777	.1061	7.81
%RSD	76.24	25.06	32.44	74.18	483.2	11.00

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0930	-.3106	-.1269	-.4526	-4.768	163.5
Stddev	.1412	.3113	.0381	.5686	4.646	22.4
%RSD	151.8	100.2	30.00	125.6	97.45	13.66

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.26	.0468	F 281700.	.6062	4.604	-1.996
Stddev	3.93	.0522	834.	.4291	.668	2.942
%RSD	22.77	111.6	.2959	70.78	14.51	147.4

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.609	1.289	-.2671	1.167	4.515	.4542
Stddev	.797	4.060	.5106	.213	.237	.0711
%RSD	49.56	315.0	191.2	18.30	5.256	15.66

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

Sample Name: lb 460-132089/1-d@5 Acquired: 10/16/2012 18:48:37 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.696	.2271	.9789	14.57
Stddev	.296	.0666	.4689	14.00
%RSD	17.47	29.34	47.90	96.12

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1697.8	34476.	9444.0
Stddev	1.6	31.	56.5
%RSD	.09498	.08854	.59841

Sample Name: Ib 460-132020/1-b@5 Acquired: 10/16/2012 18:52:29 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.234	.7818	-.2743	-.0347	.0111	-13.07
Stddev	6.259	2.430	.2919	.2359	.0222	5.80
%RSD	280.2	310.8	106.4	679.7	200.1	44.39

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0999	-.0935	.2205	-.6171	-4.499	32.63
Stddev	.0792	.0925	.1371	1.812	7.039	9.74
%RSD	79.24	98.98	62.19	293.7	156.5	29.84

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.983	-.0303	89.62	.1368	1.783	-3.258
Stddev	3.564	.0879	57.25	.3884	1.121	2.011
%RSD	179.7	289.8	63.89	283.8	62.85	61.71

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.672	5.425	-.1400	.7281	.6704	-.2095
Stddev	4.695	3.330	.1816	.2131	.4335	.0948
%RSD	280.9	61.38	129.6	29.27	64.66	45.27

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

Sample Name: lb 460-132020/1-b@5 Acquired: 10/16/2012 18:52:29 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0974	-.0302	-.2690	9.133
Stddev	.9540	.1174	.9209	12.50
%RSD	979.9	388.4	342.3	136.9

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1807.0	38101.	9639.2
Stddev	4.5	116.	75.2
%RSD	.24896	.30383	.77970

Sample Name: lcs 460-132189/2-a Acquired: 10/16/2012 18:56:12 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4976.	4969.	480.8	10400.	1023.	21480.
Stddev	11.	18.	.9	15.	1.	15.
%RSD	.2266	.3548	.1833	.1447	.1202	.0699

Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1052.	1060.	5088.	1026.	1039.	20150.
Stddev	3.	3.	17.	1.	3.	32.
%RSD	.3312	.2793	.3257	.0660	.2651	.1567

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20090.	1058.	21010.	1085.	5399.	1009.
Stddev	47.	1.	26.	4.	8.	2.
%RSD	.2347	.1142	.1223	.3703	.1510	.2307

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	967.0	1111.	512.1	1041.	998.9	1050.
Stddev	4.6	13.	.6	2.	1.6	3.
%RSD	.4794	1.165	.1105	.1890	.1636	.2973

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

Sample Name: lcs 460-132189/2-a Acquired: 10/16/2012 18:56:12 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1052.	1041.	1037.	33.02
Stddev	3.	2.	1.	8.65
%RSD	.3137	.1779	.0644	26.19

Check ?	None	None	None	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1733.6	36581.	9641.7
Stddev	2.3	30.	51.1
%RSD	.13332	.08214	.52982

Sample Name: 460-45800-a-1-d du@5 Acquired: 10/16/2012 18:59:36 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.48	2.745	.0339	100.5	.1052	109200.
Stddev	7.48	1.660	.3479	.3	.1372	335.
%RSD	14.25	60.47	1027.	.3109	130.4	.3066

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.855	2.084	-.0956	13.79	-1.676	2566.
Stddev	.178	.229	.5772	.22	6.264	18.
%RSD	3.676	10.98	603.6	1.576	373.7	.6918

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14090.	172.8	F 266000.	5.249	4311.	-4.275
Stddev	101.	.5	2237.	.122	8.	2.624
%RSD	.7161	.2793	.8408	2.314	.1819	61.37

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.23	5.098	-.0576	727.4	31.86	1.044
Stddev	3.96	1.429	.2719	1.5	.35	.217
%RSD	38.71	28.02	472.0	.2062	1.103	20.74

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

Sample Name: 460-45800-a-1-d du@5 Acquired: 10/16/2012 18:59:36 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.532	248.9	5.073	1541.
Stddev	.273	.7	.343	17.
%RSD	17.84	.2714	6.770	1.107

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1669.3	34134.	9517.4
Stddev	2.3	246.	100.6
%RSD	.13901	.71936	1.0567

Sample Name: 460-45800-a-1-c@5 Acquired: 10/16/2012 19:03:23 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.53	1.513	.1842	97.27	-.0060	105700.
Stddev	11.10	3.048	.3534	.28	.0328	204.
%RSD	21.96	201.4	191.9	.2852	543.8	.1933

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.546	2.277	-.7149	15.14	-11.06	2451.
Stddev	.110	.210	.5257	1.42	3.90	32.
%RSD	2.414	9.211	73.54	9.409	35.28	1.287

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13690.	167.8	F 255400.	5.665	4177.	-1.252
Stddev	54.	.2	3358.	.687	9.	5.465
%RSD	.3925	.1164	1.315	12.12	.2118	436.5

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.00	2.096	.0064	703.8	31.05	.1052
Stddev	3.51	2.126	.2877	1.4	.37	.4263
%RSD	31.89	101.4	4497.	.1926	1.202	405.2

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

Sample Name: 460-45800-a-1-c@5 Acquired: 10/16/2012 19:03:23 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9970	238.7	4.672	1478.
Stddev	.1486	.6	.433	8.
%RSD	14.91	.2712	9.277	.5189

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1668.5	34007.	9508.7
Stddev	2.7	120.	71.2
%RSD	.16166	.35376	.74860

Sample Name: sd 460-45800-a-1-c@2 Acquired: 10/16/2012 19:07:11 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.281	1.228	.0916	19.02	-.0460	21260.
Stddev	7.195	.278	.4514	.23	.0271	17.
%RSD	136.2	22.61	492.9	1.191	58.95	.0804

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.170	.0384	-.0289	1.557	-2.706	501.8
Stddev	.133	.0772	.8867	1.055	7.581	13.1
%RSD	11.35	201.4	3071.	67.75	280.1	2.608

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2762.	33.20	53310.	1.275	848.7	-3.783
Stddev	16.	.13	57.	.888	3.9	2.339
%RSD	.5961	.3898	.1060	69.59	.4630	61.82

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.805	2.180	-.3017	139.5	6.464	.2565
Stddev	4.190	2.374	.0842	.2	.448	.2441
%RSD	61.58	108.9	27.90	.1234	6.928	95.16

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

Sample Name: sd 460-45800-a-1-c@2 Acquired: 10/16/2012 19:07:11 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3532	47.39	1.098	274.0
Stddev	.2275	.23	.353	1.0
%RSD	64.42	.4773	32.18	.3489

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1754.6	36171.	9543.2
Stddev	3.4	53.	27.9
%RSD	.19379	.14640	.29238

Sample Name: 460-45800-a-1-e ms@5 Acquired: 10/16/2012 19:10:52 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1014.	1010.	96.74	2116.	198.0	111400.
Stddev	7.	3.	.44	1.	.8	319.
%RSD	.6899	.3415	.4564	.0592	.4064	.2862

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	210.0	203.8	994.9	213.0	191.0	6465.
Stddev	.2	.4	3.0	1.2	6.9	46.
%RSD	.0731	.1974	.3042	.5678	3.634	.7160

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17680.	376.5	F 261900.	210.8	5277.	195.1
Stddev	68.	.7	1226.	.8	5.	.6
%RSD	.3844	.1893	.4679	.3729	.1040	.2862

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	210.0	210.8	100.6	918.5	225.7	204.2
Stddev	1.2	4.4	.6	1.2	1.3	.7
%RSD	.5525	2.084	.6019	.1294	.5667	.3404

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

Sample Name: 460-45800-a-1-e ms@5 Acquired: 10/16/2012 19:10:52 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	201.6	441.5	205.7	1543.
Stddev	.3	.2	.2	26.
%RSD	.1551	.0536	.1139	1.698

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1663.7	34248.	9597.0
Stddev	2.6	156.	97.6
%RSD	.15645	.45658	1.0169

Sample Name: pds 460-45800-a-1-c@ Acquired: 10/16/2012 19:14:32 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1936.	1912.	47.20	2040.	48.15	124800.
Stddev	11.	.	.31	2.	.23	430.
%RSD	.5441	.0163	.6497	.0990	.4729	.3449

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.50	477.5	193.8	250.2	982.2	21870.
Stddev	.27	1.0	1.3	2.0	9.3	122.
%RSD	.4959	.2044	.6634	.7820	.9472	.5592

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32570.	662.5	F 275600.	483.4	4629.	452.5
Stddev	60.	1.0	4287.	.9	9.	1.7
%RSD	.1831	.1558	1.556	.1840	.2028	.3679

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1900.	1970.	478.6	1176.	501.3	470.2
Stddev	2.	9.	1.7	3.	1.3	.3
%RSD	.1285	.4364	.3642	.2940	.2527	.0540

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

Sample Name: pds 460-45800-a-1-c@ Acquired: 10/16/2012 19:14:32 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	476.9	702.1	483.8	1564.
Stddev	1.1	1.3	1.7	9.
%RSD	.2225	.1802	.3588	.5840

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1655.5	33743.	9423.7
Stddev	3.1	81.	72.7
%RSD	.18796	.24016	.77134

Sample Name: CCV Acquired: 10/16/2012 19:18:10 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	2437.	1210.	9918.	984.1	128500.
Stddev	88.	8.	4.	6.	.3	107.
%RSD	.0715	.3343	.3052	.0644	.0271	.0832

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1252.	2463.	4943.	12360.	100100.	49730.
Stddev	2.	4.	17.	19.	268.	15.
%RSD	.1546	.1481	.3344	.1517	.2674	.0311

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	5043.	126900.	2476.	7588.	973.5
Stddev	503.	13.	98.	1.	9.	6.6
%RSD	.4054	.2621	.0775	.0235	.1132	.6818

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2416.	2534.	2449.	2466.	970.6	2495.
Stddev	3.	6.	6.	3.	1.4	3.
%RSD	.1193	.2391	.2594	.1408	.1490	.1324

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 19:18:10 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	994.0	4940.	10000.	9489.
Stddev	2.7	70.	9.	35.
%RSD	.2746	1.415	.0866	.3657

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1652.3	34110.	9374.3
Stddev	2.7	93.	38.2
%RSD	.16293	.27354	.40769

Sample Name: CCB Acquired: 10/16/2012 19:21:40 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.063	3.725	.2443	.2085	.0937	5.495
Stddev	11.71	1.202	.2904	.1790	.0972	6.232
%RSD	193.1	32.27	118.9	85.85	103.7	113.4

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0867	.0042	.6084	-.4074	-2.442	110.2
Stddev	.0772	.0764	.2171	.3163	4.238	40.2
%RSD	89.07	1802.	35.69	77.64	173.5	36.44

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.98	.4226	67.59	-.0888	2.370	-2.581
Stddev	4.77	.2706	34.98	.6692	.678	.802
%RSD	43.46	64.02	51.75	753.9	28.62	31.07

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.120	3.948	.1213	.1396	1.570	2.009
Stddev	3.035	1.441	.2762	.1824	.740	.532
%RSD	97.28	36.49	227.7	130.7	47.14	26.46

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

Sample Name: CCB Acquired: 10/16/2012 19:21:40 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0333	.3832	1.317	3.140
Stddev	.0759	.3767	.685	14.20
%RSD	227.8	98.30	52.00	452.0

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1806.7	37936.	9667.0
Stddev	.9	233.	52.4
%RSD	.04714	.61397	.54211

Sample Name: 460-45854-a-1-f@5 Acquired: 10/16/2012 19:25:25 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	72.34	3.446	.3076	65.78	.0537	16460.
Stddev	2.30	.858	.4006	.17	.0393	5.
%RSD	3.182	24.89	130.2	.2609	73.22	.0316

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0764	6.103	-.0550	2.360	8.074	350.7
Stddev	.0840	.325	.4592	1.015	10.91	11.4
%RSD	109.9	5.320	834.9	42.99	135.1	3.249

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	747.5	411.2	F 264400.	17.56	4.509	3.532
Stddev	8.4	1.6	3645.	.22	.535	.671
%RSD	1.127	.3935	1.378	1.252	11.87	19.01

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.701	4.401	-.0956	12.11	127.7	.2830
Stddev	1.921	1.645	.1281	.10	1.2	.2106
%RSD	113.0	37.37	134.0	.8250	.9758	74.42

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

Sample Name: 460-45854-a-1-f@5 Acquired: 10/16/2012 19:25:25 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8866	83.01	.9391	1603.
Stddev	.2274	.01	.4820	16.
%RSD	25.65	.0120	51.33	1.007

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1701.8	34599.	9560.1
Stddev	4.5	161.	68.7
%RSD	.26266	.46603	.71866

Sample Name: 460-45863-a-1-b@5 Acquired: 10/16/2012 19:29:15 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122.8	4.136	.1370	138.0	.0760	30110.
Stddev	3.0	2.552	.5010	.4	.0485	95.
%RSD	2.446	61.70	365.8	.2841	63.78	.3154

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2263	3.850	1.121	-.6910	1992.	3021.
Stddev	.1511	.326	.430	3.678	2.	35.
%RSD	66.79	8.470	38.36	532.2	.0877	1.164

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2235.	127.7	F 259100.	9.121	37.31	1.458
Stddev	8.	.2	2827.	1.494	1.71	1.822
%RSD	.3756	.1866	1.091	16.38	4.577	124.9

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.092	3.615	.5091	169.0	53.06	.7187
Stddev	1.815	1.700	.0499	.1	.48	.4922
%RSD	58.69	47.04	9.797	.0577	.9098	68.48

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

Sample Name: 460-45863-a-1-b@5 Acquired: 10/16/2012 19:29:15 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9811	141.0	2.837	1683.
Stddev	.1554	.3	.407	22.
%RSD	15.83	.2260	14.36	1.335

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1699.9	34619.	9567.2
Stddev	2.6	26.	31.2
%RSD	.15451	.07405	.32591

Sample Name: 460-45822-a-1-g@5 Acquired: 10/16/2012 19:33:04 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	154.0	3.534	.4317	38.46	.0405	4897.
Stddev	5.0	.725	.8654	.08	.0503	2.
%RSD	3.221	20.51	200.5	.1952	124.3	.0347

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1189	8.014	.2399	8.608	271.4	812.7
Stddev	.0837	.377	.3855	1.182	8.1	9.0
%RSD	70.43	4.709	160.7	13.73	2.978	1.103

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	536.2	516.3	F 262100.	1.984	6.638	-4.051
Stddev	4.8	1.0	2483.	.562	1.745	.476
%RSD	.8887	.1957	.9474	28.30	26.29	11.76

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0495	5.206	.1475	8.238	17.76	-.0309
Stddev	.9235	2.598	.2432	.013	.73	.2236
%RSD	1864.	49.90	164.9	.1628	4.111	723.2

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

Sample Name: 460-45822-a-1-g@5 Acquired: 10/16/2012 19:33:04 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.437	46.14	3.825	497.1
Stddev	.364	.11	.357	7.6
%RSD	25.35	.2426	9.337	1.519

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1706.6	34676.	9518.3
Stddev	1.6	54.	49.6
%RSD	.09358	.15567	.52073

Sample Name: 460-45839-a-7-e@5 Acquired: 10/16/2012 19:36:55 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.91	3.927	.3293	85.26	.0192	82700.
Stddev	5.85	1.910	.3331	.28	.0549	105.
%RSD	13.64	48.63	101.2	.3341	285.2	.1270

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5696	2.480	-.1587	2.518	153.9	990.3
Stddev	.1228	.118	.1811	1.299	8.1	21.8
%RSD	21.55	4.746	114.1	51.58	5.287	2.197

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13670.	288.3	F 250600.	4.699	9.512	-5.876
Stddev	5.	.1	2264.	.390	1.428	.614
%RSD	.0340	.0338	.9034	8.296	15.01	10.45

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.416	4.969	.4540	123.4	18.17	.4137
Stddev	3.166	1.996	.0967	.2	.31	.3558
%RSD	42.69	40.18	21.30	.1476	1.718	86.02

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

Sample Name: 460-45839-a-7-e@5 Acquired: 10/16/2012 19:36:55 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.110	147.4	4.526	655.0
Stddev	.743	.4	.211	10.7
%RSD	66.97	.2981	4.653	1.640

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1685.4	34443.	9657.7
Stddev	3.2	67.	45.9
%RSD	.18840	.19329	.47550

Sample Name: 460-45724-a-2-b@5 Acquired: 10/16/2012 19:40:44 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	671.9	4.441	.8938	365.1	-.0040	6088.
Stddev	8.2	2.522	.8548	.5	.1238	10.
%RSD	1.214	56.78	95.63	.1435	3098.	.1625

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7623	.3495	1.269	20.54	982.6	1525.
Stddev	.1153	.2227	.239	.39	8.3	7.
%RSD	15.13	63.71	18.83	1.891	.8428	.4640

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	676.9	33.49	12870.	7.770	14.38	-3.441
Stddev	4.8	.05	21.	.529	1.46	1.106
%RSD	.7080	.1376	.1668	6.806	10.19	32.13

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9142	1.218	.3800	234.9	69.96	72.97
Stddev	1.096	2.627	.1930	.3	.87	.19
%RSD	119.8	215.8	50.79	.1166	1.238	.2664

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

Sample Name: 460-45724-a-2-b@5 Acquired: 10/16/2012 19:40:44 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.183	86.30	6.637	987.7
Stddev	.506	.07	.408	14.3
%RSD	6.181	.0827	6.155	1.444

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2188.1	45710.	12030.
Stddev	3.3	148.	150.
%RSD	.15257	.32274	1.2436

Sample Name: 460-45876-a-4-b@5 Acquired: 10/16/2012 19:44:23 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	160.0	3.607	.1556	30.79	-.0058	169200.
Stddev	7.9	1.600	1.060	.25	.0258	772.
%RSD	4.955	44.35	681.2	.8125	445.6	.4559

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0008	-.1586	45.22	.0780	-3.842	3595.
Stddev	.0563	.1997	.66	1.475	2.365	16.
%RSD	7005.	125.9	1.468	1891.	61.56	.4474

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39.93	.1344	F 264000.	1.039	8.590	-5.606
Stddev	7.68	.0342	1712.	.484	.639	.970
%RSD	19.23	25.40	.6487	46.64	7.435	17.29

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.047	4.660	1.083	.5340	3.476	4.322
Stddev	1.880	4.342	.201	.1145	.646	.254
%RSD	37.25	93.18	18.53	21.44	18.58	5.886

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

Sample Name: 460-45876-a-4-b@5 Acquired: 10/16/2012 19:44:23 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.302	577.1	6.766	1139.
Stddev	.982	1.4	.351	11.
%RSD	75.41	.2407	5.194	.9710

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1658.3	33963.	9420.2
Stddev	.4	150.	51.0
%RSD	.02232	.44056	.54130

Sample Name: 460-45767-a-2-g@5 Acquired: 10/16/2012 19:48:14 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29.02	1.649	.1967	20.37	.0275	1575.
Stddev	1.78	1.776	.4733	.27	.0406	20.
%RSD	6.126	107.7	240.6	1.340	147.9	1.298

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0449	-.3024	-.1183	2.606	50.01	287.1
Stddev	.1241	.1246	.7971	1.245	15.41	23.2
%RSD	276.2	41.19	673.8	47.77	30.81	8.068

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	362.6	15.80	249500.	1.880	7.845	-2.557
Stddev	2.7	.05	1587.	.257	.600	1.462
%RSD	.7319	.3270	.6360	13.68	7.650	57.17

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7909	1.666	.0365	9.106	30.28	-.0593
Stddev	.4674	2.856	.4109	.034	.28	.1229
%RSD	59.09	171.4	1126.	.3782	.9339	207.2

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

Sample Name: 460-45767-a-2-g@5 Acquired: 10/16/2012 19:48:14 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7115	28.99	.9536	238.8
Stddev	.3223	.14	.4686	7.6
%RSD	45.30	.4860	49.14	3.183

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1716.7	34833.	9657.8
Stddev	6.0	170.	33.2
%RSD	.34799	.48929	.34358

Sample Name: 460-45767-a-3-g@5 Acquired: 10/16/2012 19:52:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.43	3.280	-1.157	18.40	.0745	1599.
Stddev	5.78	2.503	.3109	.20	.0465	10.
%RSD	24.69	76.30	268.8	1.078	62.51	.6435

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0392	-.2161	.2374	1.384	62.94	277.8
Stddev	.0428	.2041	.0543	.249	3.21	7.9
%RSD	109.3	94.48	22.86	18.02	5.092	2.853

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	389.8	14.80	F 255400.	2.065	3.288	.0299
Stddev	5.4	.08	2213.	.252	.961	.5860
%RSD	1.390	.5490	.8664	12.20	29.22	1962.

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.286	4.123	-.0681	8.589	29.62	-.2442
Stddev	1.520	1.739	.9821	.301	.28	.1699
%RSD	66.48	42.18	1441.	3.504	.9319	69.60

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

Sample Name: 460-45767-a-3-g@5 Acquired: 10/16/2012 19:52:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9429	28.65	.3774	193.8
Stddev	.6570	.12	.8068	3.1
%RSD	69.68	.4320	213.8	1.592

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1708.2	34660.	9536.5
Stddev	4.6	107.	36.9
%RSD	.26871	.30805	.38654

Sample Name: 460-45767-a-4-g@5 Acquired: 10/16/2012 19:55:57 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.27	3.785	.6930	22.68	.0169	1897.
Stddev	3.68	1.840	.5875	.03	.1162	5.
%RSD	17.29	48.62	84.78	.1384	687.5	.2645

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1675	-.0666	.6448	3.713	45.73	273.9
Stddev	.0823	.1509	.2138	2.594	8.74	3.8
%RSD	49.14	226.5	33.16	69.86	19.12	1.381

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	419.6	21.60	F 263300.	2.459	7.291	-4.883
Stddev	3.4	.20	1406.	.559	1.764	.416
%RSD	.8206	.9258	.5339	22.72	24.20	8.522

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.815	2.216	.0787	8.501	31.30	.1823
Stddev	3.621	1.747	.4593	.168	.49	.4122
%RSD	128.6	78.83	583.4	1.970	1.555	226.2

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

Sample Name: 460-45767-a-4-g@5 Acquired: 10/16/2012 19:55:57 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.714	39.06	1.076	228.5
Stddev	.588	.04	1.330	4.1
%RSD	34.29	.1076	123.6	1.788

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1712.9	34758.	9589.2
Stddev	2.3	198.	94.4
%RSD	.13600	.56881	.98446

Sample Name: 460-45785-a-2-d@5 Acquired: 10/16/2012 19:59:47 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.98	1.709	.1734	26.65	.0320	1201.
Stddev	5.41	.577	.3416	.32	.0559	3.
%RSD	15.93	33.75	197.0	1.206	174.7	.2538

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0867	.0739	1.108	.2818	232.7	162.1
Stddev	.0678	.3773	.675	.8804	11.8	27.5
%RSD	78.20	510.5	60.90	312.4	5.083	16.98

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	354.1	25.46	F 253000.	1.680	12.69	-1.896
Stddev	5.4	.09	1155.	.240	.43	1.781
%RSD	1.511	.3541	.4563	14.27	3.369	93.96

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.725	3.150	.1246	17.38	5.523	.1002
Stddev	4.063	1.893	.1201	.19	.520	.3419
%RSD	85.97	60.09	96.39	1.097	9.409	341.3

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

Sample Name: 460-45785-a-2-d@5 Acquired: 10/16/2012 19:59:47 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7300	3.415	.5807	209.2
Stddev	.2550	.034	.7705	9.9
%RSD	34.94	1.007	132.7	4.720

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1712.5	34901.	9606.1
Stddev	.5	64.	55.7
%RSD	.02990	.18313	.57996

Sample Name: CCV Acquired: 10/16/2012 20:03:40 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123600.	2455.	1216.	9951.	986.1	128700.
Stddev	71.	12.	2.	9.	2.2	181.
%RSD	.0572	.4739	.1641	.0923	.2203	.1408

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1255.	2473.	4930.	12400.	99910.	50050.
Stddev	2.	3.	7.	25.	153.	20.
%RSD	.1473	.1147	.1415	.2016	.1531	.0390

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123300.	5035.	127400.	2486.	7608.	987.2
Stddev	303.	7.	184.	2.	7.	5.0
%RSD	.2460	.1366	.1442	.0815	.0902	.5087

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2441.	2531.	2452.	2463.	975.2	2505.
Stddev	5.	1.	3.	5.	1.4	4.
%RSD	.1875	.0476	.1273	.2092	.1478	.1695

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 20:03:40 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	993.4	4976.	10040.	9538.
Stddev	2.1	106.	10.	11.
%RSD	.2125	2.139	.0966	.1163

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1657.7	34418.	9479.1
Stddev	1.7	69.	28.5
%RSD	.10047	.20146	.30102

Sample Name: CCB Acquired: 10/16/2012 20:07:10 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.113	.7003	.2655	.3353	.0501	-.7691
Stddev	10.92	2.458	.4129	.2701	.0788	15.48
%RSD	981.0	351.0	155.5	80.56	157.2	2013.

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0685	-.0453	-.0347	.1595	4.564	91.07
Stddev	.0378	.0721	.5927	1.366	10.74	32.54
%RSD	55.25	159.2	1708.	856.2	235.3	35.73

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.35	.2962	74.48	.2519	2.520	-1.184
Stddev	8.34	.3504	27.35	.6423	1.958	1.510
%RSD	80.51	118.3	36.71	254.9	77.70	127.5

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.932	5.310	-.1582	.2416	1.131	1.685
Stddev	3.230	1.818	.3972	.0947	.400	.230
%RSD	167.1	34.23	251.1	39.21	35.38	13.66

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

Sample Name: CCB Acquired: 10/16/2012 20:07:10 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3943	.4172	1.485	12.54
Stddev	.4337	.3645	.842	10.51
%RSD	110.0	87.37	56.69	83.83

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1818.1	38252.	9672.2
Stddev	1.4	144.	65.6
%RSD	.07804	.37664	.67820

Sample Name: 460-45803-a-1-g@5 Acquired: 10/16/2012 20:10:55 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127.9	1.708	.1550	56.59	.0900	66790.
Stddev	9.9	2.241	.0546	.14	.0352	56.
%RSD	7.712	131.2	35.21	.2484	39.09	.0840

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2553	2.895	.4122	1.438	22.78	1227.
Stddev	.0320	.004	.4360	1.352	5.14	25.
%RSD	12.54	.1304	105.8	93.99	22.58	2.039

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3326.	117.5	F 255300.	3.650	9.797	-1.838
Stddev	13.	.2	974.	.235	2.526	1.899
%RSD	.3771	.1875	.3816	6.451	25.78	103.3

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.796	4.955	.5144	22.65	31.46	.6261
Stddev	4.075	.887	.3094	.22	.38	.3380
%RSD	41.60	17.90	60.15	.9570	1.208	53.97

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

Sample Name: 460-45803-a-1-g@5 Acquired: 10/16/2012 20:10:55 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.392	281.9	4.466	3836.
Stddev	.918	.2	.403	9.
%RSD	66.00	.0804	9.016	.2421

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1698.2	34695.	9629.9
Stddev	1.7	130.	21.3
%RSD	.10136	.37419	.22103

Sample Name: 460-45810-a-1-b@5 Acquired: 10/16/2012 20:14:44 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.856	7.400	.1817	20.20	-.0282	11490.
Stddev	4.477	1.334	.6082	.39	.0595	19.
%RSD	241.3	18.02	334.7	1.934	211.2	.1644

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0789	-.1863	-.0748	-1.947	8.631	4464.
Stddev	.0323	.1249	.2028	2.581	3.819	15.
%RSD	40.96	67.04	271.1	132.6	44.24	.3363

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3796.	18.38	27090.	.4567	4.769	-2.951
Stddev	10.	.14	62.	.2849	2.060	2.672
%RSD	.2534	.7368	.2277	62.39	43.19	90.55

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.649	4.525	-.3919	2.152	135.0	2.914
Stddev	4.052	.940	.2592	.052	1.7	.166
%RSD	152.9	20.77	66.13	2.420	1.278	5.689

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

Sample Name: 460-45810-a-1-b@5 Acquired: 10/16/2012 20:14:44 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2865	89.95	-.0066	2101.
Stddev	.3599	.24	.1233	12.
%RSD	125.6	.2676	1864.	.5574

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1784.0	36976.	9625.0
Stddev	4.7	70.	25.2
%RSD	.26242	.18907	.26140

Sample Name: 460-45772-a-1-f@5 Acquired: 10/16/2012 20:18:26 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	235.6	4.220	.3298	3.894	.0537	5976.
Stddev	5.4	.700	.2064	.277	.0273	28.
%RSD	2.296	16.59	62.60	7.108	50.91	.4651

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2943	.9170	.9161	-.7263	199.7	350.2
Stddev	.1902	.2631	.3164	2.175	6.0	9.0
%RSD	64.63	28.69	34.54	299.5	2.982	2.567

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	228.6	17.91	F 255200.	2.550	4.109	-2.712
Stddev	5.1	.04	2716.	.412	1.500	.765
%RSD	2.215	.2460	1.064	16.15	36.50	28.20

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.689	2.391	.3853	45.32	8.341	.5820
Stddev	1.050	1.158	.3109	.31	.109	.3387
%RSD	18.45	48.45	80.71	.6758	1.300	58.20

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

Sample Name: 460-45772-a-1-f@5 Acquired: 10/16/2012 20:18:26 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.375	24.69	9.647	510.9
Stddev	.213	.11	.885	2.4
%RSD	15.48	.4483	9.174	.4630

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1710.5	34797.	9531.2
Stddev	2.9	77.	51.1
%RSD	.16830	.22142	.53610

Sample Name: 460-45865-a-1-b@4 Acquired: 10/16/2012 20:22:17 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25830.	77.39	-7.900	97.03	4.476	5253.
Stddev	67.	1.27	.5154	.06	.109	3.
%RSD	.2580	1.637	65.24	.0668	2.431	.0563

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8630	12.18	139.8	40.35	108200.	4247.
Stddev	.0511	.22	.2	1.10	171.	18.
%RSD	5.925	1.799	.1517	2.719	.1584	.4346

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3597.	354.6	129.3	22.71	157.6	3.572
Stddev	11.	.5	51.6	.65	1.8	3.081
%RSD	.3061	.1512	39.92	2.846	1.120	86.25

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.512	1.151	192.4	188.8	24.26	1.896
Stddev	1.752	2.686	.1	.4	.70	.403
%RSD	115.9	233.4	.0578	.2165	2.887	21.28

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

Sample Name: 460-45865-a-1-b@4 Acquired: 10/16/2012 20:22:17 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.190	32.64	388.2	1184.
Stddev	.545	.03	1.0	8.
%RSD	7.583	.0821	.2460	.6819

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1845.0	38539.	9942.3
Stddev	6.0	179.	50.8
%RSD	.32333	.46556	.51109

Sample Name: 460-45865-a-2-b@4 Acquired: 10/16/2012 20:25:54 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28820.	95.47	-.6272	107.6	5.226	5091.
Stddev	37.	2.44	.3872	.3	.024	12.
%RSD	.1288	2.556	61.74	.3101	.4662	.2327

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6607	19.46	156.5	30.47	114500.	5043.
Stddev	.0789	.10	.1	2.40	332.	15.
%RSD	11.94	.5265	.0405	7.871	.2901	.3056

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3869.	398.6	70.35	26.68	124.5	1.393
Stddev	20.	.9	5.17	.56	2.1	2.705
%RSD	.5189	.2351	7.352	2.105	1.654	194.2

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.158	2.427	220.9	219.4	28.33	1.856
Stddev	.535	3.731	.1	.2	.19	.096
%RSD	46.17	153.8	.0384	.0761	.6785	5.195

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

Sample Name: 460-45865-a-2-b@4 Acquired: 10/16/2012 20:25:54 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.670	31.94	418.9	1336.
Stddev	.579	.16	1.7	17.
%RSD	10.22	.4919	.4151	1.250

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1878.9	39163.	10063.
Stddev	5.6	29.	50.
%RSD	.29780	.07526	.50001

Sample Name: 460-45865-a-3-b@4 Acquired: 10/16/2012 20:29:33 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26830.	72.18	-8103	112.4	3.839	4987.
Stddev	48.	1.81	.2914	.1	.039	10.
%RSD	.1780	2.505	35.97	.0645	1.002	.2054

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8955	11.45	133.0	28.16	104000.	4334.
Stddev	.2291	.21	.8	.85	250.	25.
%RSD	25.58	1.829	.6221	3.009	.2402	.5801

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3900.	359.8	41.26	23.77	178.6	1.159
Stddev	10.	.2	3.89	.50	1.9	1.099
%RSD	.2478	.0527	9.420	2.109	1.044	94.80

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1000	2.873	190.3	229.3	26.31	1.448
Stddev	2.333	1.926	.5	.3	.15	.378
%RSD	2334.	67.05	.2633	.1340	.5646	26.08

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

Sample Name: 460-45865-a-3-b@4 Acquired: 10/16/2012 20:29:33 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.755	28.12	408.0	1290.
Stddev	.582	.12	.3	12.
%RSD	8.609	.4209	.0702	.8943

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1857.8	38600.	9998.3
Stddev	2.5	155.	47.6
%RSD	.13436	.40268	.47638

Sample Name: 460-45865-a-4-b@4 Acquired: 10/16/2012 20:33:11 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28670.	33.95	-.9022	120.0	2.201	4300.
Stddev	13.	1.79	.4755	.3	.063	2.
%RSD	.0468	5.283	52.70	.2345	2.861	.0547

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8532	9.064	127.3	19.45	88520.	3935.
Stddev	.1050	.077	.4	1.48	128.	21.
%RSD	12.30	.8451	.3249	7.587	.1440	.5320

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4029.	446.2	39.51	21.14	159.3	-3.105
Stddev	18.	.4	4.81	.60	2.0	2.101
%RSD	.4408	.0887	12.17	2.842	1.251	67.66

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.287	3.109	145.3	154.0	24.17	1.357
Stddev	1.764	1.820	.3	.4	1.13	.272
%RSD	137.0	58.52	.1932	.2283	4.675	20.02

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

Sample Name: 460-45865-a-4-b@4 Acquired: 10/16/2012 20:33:11 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.171	24.88	413.5	1196.
Stddev	.823	.07	1.5	13.
%RSD	15.91	.2912	.3522	1.064

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1844.2	38406.	9834.5
Stddev	1.3	109.	29.6
%RSD	.07203	.28480	.30132

Sample Name: 460-45865-a-5-b@4 Acquired: 10/16/2012 20:36:49 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29210.	57.06	-.9533	137.8	2.865	5707.
Stddev	53.	2.69	.2398	.4	.009	8.
%RSD	.1821	4.712	25.16	.3221	.3160	.1372

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4814	12.92	116.8	22.06	103700.	5213.
Stddev	.0396	.04	.4	1.31	290.	21.
%RSD	8.226	.3136	.3697	5.923	.2800	.4006

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4877.	410.7	42.26	21.10	130.9	.2766
Stddev	16.	1.1	9.51	.10	1.1	.6214
%RSD	.3375	.2626	22.51	.4678	.8392	224.6

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.787	4.402	149.3	166.1	32.55	1.300
Stddev	4.496	2.285	.3	.3	.20	.419
%RSD	118.7	51.92	.2252	.1978	.6016	32.26

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

Sample Name: 460-45865-a-5-b@4 Acquired: 10/16/2012 20:36:49 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.250	32.92	433.5	1217.
Stddev	.669	.05	.6	8.
%RSD	12.74	.1536	.1317	.6644

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1844.0	38314.	9819.2
Stddev	3.6	77.	53.8
%RSD	.19531	.20011	.54792

Sample Name: 460-45865-a-6-b@4 Acquired: 10/16/2012 20:40:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28650.	60.53	-.3338	133.7	3.141	5568.
Stddev	55.	2.16	.1545	.7	.050	8.
%RSD	.1929	3.570	46.28	.4924	1.605	.1397

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.112	12.23	139.3	45.97	104200.	4622.
Stddev	.102	.34	.5	1.57	324.	8.
%RSD	9.189	2.740	.3724	3.421	.3107	.1702

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3895.	396.4	109.9	27.12	284.6	2.104
Stddev	24.	1.5	3.1	.21	1.4	4.442
%RSD	.6131	.3812	2.806	.7698	.4824	211.1

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.866	.1443	190.6	283.2	27.98	1.523
Stddev	3.711	1.484	.9	.4	.68	.515
%RSD	198.8	1029.	.4492	.1394	2.443	33.83

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

Sample Name: 460-45865-a-6-b@4 Acquired: 10/16/2012 20:40:27 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.647	34.51	551.6	1270.
Stddev	.296	.21	.8	9.
%RSD	3.873	.5961	.1504	.7084

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1859.3	38692.	9983.8
Stddev	3.4	92.	9.1
%RSD	.18461	.23707	.09090

Sample Name: 460-45865-a-7-b@4 Acquired: 10/16/2012 20:44:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28460.	28.74	-1.043	88.83	2.261	3928.
Stddev	83.	2.59	.669	.32	.055	12.
%RSD	.2904	9.002	64.21	.3570	2.409	.3171

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6670	6.847	153.0	13.36	130800.	2897.
Stddev	.0679	.170	.4	1.78	149.	17.
%RSD	10.18	2.482	.2608	13.31	.1138	.5950

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3726.	157.8	-1.980	21.75	28.75	2.078
Stddev	4.	.3	5.244	.75	.77	1.438
%RSD	.1086	.1625	264.8	3.429	2.674	69.19

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.910	4.512	248.7	144.5	14.38	.6439
Stddev	3.533	3.147	.8	.2	.96	.2673
%RSD	184.9	69.74	.3059	.1184	6.642	41.52

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

Sample Name: 460-45865-a-7-b@4 Acquired: 10/16/2012 20:44:05 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.827	35.36	783.2	945.3
Stddev	.638	.11	1.4	10.8
%RSD	16.67	.3021	.1848	1.139

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1804.5	37522.	9689.9
Stddev	3.3	126.	29.8
%RSD	.18381	.33589	.30719

Sample Name: CCV Acquired: 10/16/2012 20:47:44 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	2441.	1220.	9960.	987.1	129700.
Stddev	89.	12.	1.	29.	1.5	97.
%RSD	.0714	.4882	.0488	.2913	.1490	.0749

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1259.	2474.	4950.	12420.	100600.	50560.
Stddev	5.	8.	17.	27.	507.	40.
%RSD	.3579	.3225	.3336	.2179	.5039	.0793

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	5070.	128600.	2487.	7632.	979.5
Stddev	567.	18.	95.	7.	30.	4.0
%RSD	.4534	.3617	.0737	.2791	.3928	.4050

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2410.	2541.	2467.	2483.	970.4	2506.
Stddev	9.	5.	7.	9.	3.2	8.
%RSD	.3678	.2160	.2697	.3680	.3346	.3024

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 20:47:44 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1000.	5040.	10060.	9269.
Stddev	3.	20.	17.	21.
%RSD	.2867	.4021	.1681	.2262

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1651.9	34067.	9169.4
Stddev	4.5	131.	41.4
%RSD	.27221	.38462	.45184

Sample Name: CCB Acquired: 10/16/2012 20:51:14 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-14.57	1.977	.3676	.5476	.0834	4.482
Stddev	11.07	1.728	.4987	.2205	.0811	11.06
%RSD	75.98	87.41	135.7	40.26	97.24	246.8

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0404	-.2214	.7279	.9023	-.7320	83.16
Stddev	.2029	.1841	.2514	2.123	10.75	23.40
%RSD	501.9	83.14	34.53	235.3	1468.	28.13

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.780	.2288	53.83	-.1334	1.272	-1.416
Stddev	3.873	.2667	32.12	.3563	1.111	.581
%RSD	49.79	116.6	59.67	267.0	87.35	41.05

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1557	3.076	.2398	.2562	1.630	1.782
Stddev	2.520	2.179	.3522	.1665	.793	.557
%RSD	1618.	70.84	146.9	64.99	48.65	31.27

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

Sample Name: CCB Acquired: 10/16/2012 20:51:14 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2852	.4129	1.587	10.45
Stddev	.5394	.3873	1.268	8.44
%RSD	189.2	93.80	79.87	80.76

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1810.5	37941.	9473.7
Stddev	1.2	87.	79.9
%RSD	.06826	.22838	.84335

Sample Name: 460-45865-a-8-b@4 Acquired: 10/16/2012 20:54:58 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30630.	64.43	-1.113	111.8	4.583	4182.
Stddev	68.	2.09	.316	.2	.038	13.
%RSD	.2222	3.237	28.43	.1795	.8276	.3215

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.025	15.63	170.6	33.95	120500.	3059.
Stddev	.053	.32	.7	.84	327.	17.
%RSD	5.181	2.028	.4071	2.464	.2714	.5396

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3177.	479.6	16.52	27.08	160.5	1.554
Stddev	15.	1.0	3.49	.15	1.2	1.568
%RSD	.4831	.2083	21.10	.5524	.7478	100.9

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.446	2.631	221.2	217.5	17.45	1.437
Stddev	3.546	4.600	.3	1.1	.57	.619
%RSD	145.0	174.9	.1342	.5162	3.291	43.05

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

Sample Name: 460-45865-a-8-b@4 Acquired: 10/16/2012 20:54:58 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.909	32.49	488.7	963.2
Stddev	.858	.03	2.0	15.5
%RSD	12.41	.0783	.4165	1.609

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1875.9	39047.	10123.
Stddev	.3	134.	28.
%RSD	.01633	.34306	.27554

Sample Name: 460-45865-a-9-b@4 Acquired: 10/16/2012 20:58:36 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18560.	244.5	-1.097	39.96	3.534	2304.
Stddev	28.	1.5	.781	.18	.089	6.
%RSD	.1502	.6188	71.22	.4493	2.514	.2694

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5719	18.85	102.6	5.364	97940.	3339.
Stddev	.0665	.36	.2	2.055	509.	3.
%RSD	11.63	1.909	.1786	38.30	.5197	.0978

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1362.	310.4	-27.75	14.95	21.64	-.7611
Stddev	11.	1.8	4.14	.34	1.70	.3543
%RSD	.8209	.5939	14.93	2.257	7.855	46.55

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.001	1.100	272.8	143.4	14.06	1.223
Stddev	3.060	2.445	1.1	.7	.44	.413
%RSD	102.0	222.4	.3916	.4885	3.104	33.79

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

Sample Name: 460-45865-a-9-b@4 Acquired: 10/16/2012 20:58:36 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.300	14.68	197.8	828.2
Stddev	.673	.06	.2	12.4
%RSD	20.40	.4356	.1097	1.493

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1863.7	38896.	9981.2
Stddev	2.6	145.	39.2
%RSD	.13855	.37286	.39257

Sample Name: 460-45865-a-10-b@4 Acquired: 10/16/2012 21:02:15 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33870.	61.38	-1.106	115.5	5.180	3700.
Stddev	81.	2.06	.190	.4	.045	11.
%RSD	.2387	3.357	17.22	.3181	.8718	.2949

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.280	15.99	258.4	14.71	176700.	4508.
Stddev	.086	.11	.1	1.64	222.	23.
%RSD	6.741	.7005	.0533	11.13	.1259	.5022

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3177.	318.2	-46.90	26.29	59.38	.6804
Stddev	5.	.6	2.38	.25	1.46	1.179
%RSD	.1679	.1892	5.069	.9452	2.458	173.3

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.880	4.096	337.6	211.5	20.97	1.046
Stddev	2.040	.909	1.1	.9	.17	.464
%RSD	41.80	22.19	.3342	.4072	.7961	44.38

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

Sample Name: 460-45865-a-10-b@4 Acquired: 10/16/2012 21:02:15 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.774	28.82	565.3	997.7
Stddev	.399	.10	1.7	13.2
%RSD	8.366	.3560	.2963	1.327

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1852.2	38539.	9910.0
Stddev	3.7	59.	70.0
%RSD	.19757	.15280	.70665

Sample Name: 460-45878-a-1-b@4 Acquired: 10/16/2012 21:05:52 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32260.	44.68	1.329	442.6	1.708	F 283000.
Stddev	111.	3.75	.124	1.2	.006	597.
%RSD	.3438	8.391	9.343	.2713	.3540	.2110

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.88	56.10	1175.	1568.	F 882500.	1873.
Stddev	.13	.46	2.	9.	310.	5.
%RSD	1.239	.8190	.2078	.5940	.0352	.2679

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11880.	F 11100.	205.4	433.2	218.3	32.29
Stddev	23.	3.	4.0	1.9	1.1	3.75
%RSD	.1904	.0305	1.938	.4367	.4928	11.60

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F -32.45	1.864	229.3	1108.	80.25	105.5
Stddev	1.23	3.523	.8	1.	.26	.7
%RSD	3.782	189.0	.3522	.0617	.3256	.6433

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-45878-a-1-b@4 Acquired: 10/16/2012 21:05:52 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	75.23	1234.	2733.	2144.
Stddev	.77	4.	8.	35.
%RSD	1.018	.3247	.2890	1.651

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1661.7	34643.	9415.9
Stddev	6.0	105.	25.6
%RSD	.36051	.30334	.27173

Sample Name: 460-45878-a-2-b@4 Acquired: 10/16/2012 21:09:32 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	199700.	62.78	-2.890	7699.	17.11	F 350500.
Stddev	97.	2.15	.557	18.	.09	3904.
%RSD	.0486	3.428	19.26	.2364	.5299	1.114

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.324	11.44	508.6	392.6	124600.	2724.
Stddev	.071	.44	2.5	1.4	337.	20.
%RSD	5.359	3.836	.5013	.3470	.2708	.7308

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29980.	F 13150.	2955.	80.84	231.6	-4.271
Stddev	154.	84.	8.	1.41	1.2	2.658
%RSD	.5151	.6351	.2671	1.741	.5017	62.23

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.70	-.4583	45.35	945.8	89.39	28.27
Stddev	2.45	1.515	.30	1.6	.30	.30
%RSD	12.42	330.7	.6643	.1684	.3409	1.066

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

Sample Name: 460-45878-a-2-b@4 Acquired: 10/16/2012 21:09:32 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	24.76	1923.	1205.	3222.
Stddev	.40	3.	1.	79.
%RSD	1.605	.1307	.1166	2.451

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1836.3	37380.	10222.
Stddev	1.2	15.	30.
%RSD	.06730	.03892	.29382

Sample Name: 460-45878-a-3-b@4 Acquired: 10/16/2012 21:13:25 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60490.	77.61	2.887	1607.	4.154	F 263400.
Stddev	161.	1.87	.587	5.	.019	2576.
%RSD	.2658	2.404	20.34	.3154	.4477	.9779

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.02	42.15	1148.	1461.	F 546500.	4527.
Stddev	.22	.41	2.	9.	1676.	29.
%RSD	1.037	.9770	.1606	.6309	.3066	.6320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21060.	F 13440.	1284.	333.0	2260.	28.62
Stddev	107.	59.	7.	1.4	9.	4.17
%RSD	.5101	.4361	.5654	.4130	.3818	14.56

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.959	4.948	317.3	4007.	156.9	81.86
Stddev	2.588	3.167	1.5	12.	.8	.48
%RSD	28.89	64.00	.4780	.2932	.4982	.5848

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

Sample Name: 460-45878-a-3-b@4 Acquired: 10/16/2012 21:13:25 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	93.68	656.4	3637.	1576.
Stddev	.55	1.2	12.	21.
%RSD	.5921	.1802	.3333	1.345

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1706.9	35561.	9656.4
Stddev	3.4	73.	42.7
%RSD	.19840	.20525	.44269

Sample Name: 460-45884-a-1-a@4 Acquired: 10/16/2012 21:17:13 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53730.	11.43	-.2341	98.13	1.365	10940.
Stddev	33.	2.68	.4717	.50	.013	13.
%RSD	.0616	23.47	201.5	.5138	.9185	.1161

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.562	22.60	56.67	115.2	96710.	2066.
Stddev	.211	.18	.58	2.3	251.	25.
%RSD	13.53	.7985	1.029	1.964	.2595	1.222

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18210.	582.4	271.4	57.06	278.6	.2254
Stddev	54.	1.7	6.4	.69	.5	1.253
%RSD	.2943	.2978	2.355	1.217	.1661	556.2

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.166	2.392	83.39	828.0	5.344	1.298
Stddev	1.250	1.059	1.02	.6	.310	.332
%RSD	30.01	44.29	1.222	.0678	5.804	25.56

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

Sample Name: 460-45884-a-1-a@4 Acquired: 10/16/2012 21:17:13 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.839	28.70	634.0	1212.
Stddev	.483	.05	.3	71.
%RSD	7.067	.1577	.0446	5.852

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1809.7	37668.	9667.9
Stddev	5.7	266.	63.6
%RSD	.31310	.70556	.65787

Sample Name: 460-45884-a-2-a@4 Acquired: 10/16/2012 21:20:50 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19970.	11.47	-7865	225.6	.9849	6184.
Stddev	11.	.34	.1691	1.2	.0331	12.
%RSD	.0532	2.984	21.50	.5395	3.357	.1890

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.028	21.20	91.70	94.76	71120.	1333.
Stddev	.191	.13	.58	.48	237.	9.
%RSD	9.439	.6013	.6284	.5117	.3327	.6809

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7906.	1083.	525.0	43.10	758.0	-3.127
Stddev	42.	2.	2.6	.77	1.4	1.938
%RSD	.5322	.1842	.4997	1.797	.1879	61.95

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.017	2.214	92.90	669.1	5.597	2.065
Stddev	3.272	1.579	.36	1.3	.145	.112
%RSD	162.2	71.33	.3901	.1950	2.584	5.409

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

Sample Name: 460-45884-a-2-a@4 Acquired: 10/16/2012 21:20:50 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.46	28.25	695.3	642.3
Stddev	.53	.09	1.3	5.7
%RSD	3.906	.3207	.1907	.8805

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1863.6	39058.	10051.
Stddev	1.8	93.	35.
%RSD	.09515	.23899	.35253

Sample Name: 460-45884-a-3-a@4 Acquired: 10/16/2012 21:24:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18140.	13.06	-.8248	76.03	1.341	5928.
Stddev	29.	2.03	.2074	.48	.068	23.
%RSD	.1592	15.53	25.15	.6271	5.065	.3910

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9072	18.78	50.51	59.69	74690.	1807.
Stddev	.0828	.16	.15	1.32	54.	14.
%RSD	9.124	.8331	.3047	2.208	.0723	.7657

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10490.	1013.	282.4	54.45	54.30	.0234
Stddev	8.	.	4.8	.19	.17	2.459
%RSD	.0747	.0340	1.690	.3444	.3186	10510.

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8250	3.663	53.72	214.1	3.675	3.616
Stddev	.4171	2.054	.67	.5	.411	.308
%RSD	50.56	56.06	1.247	.2449	11.19	8.517

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

Sample Name: 460-45884-a-3-a@4 Acquired: 10/16/2012 21:24:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.087	29.04	727.6	409.6
Stddev	.624	.04	1.9	12.7
%RSD	15.27	.1319	.2544	3.099

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1830.7	38155.	9782.6
Stddev	2.7	82.	23.2
%RSD	.14558	.21528	.23686

Sample Name: 460-45822-d-1-a@4 Acquired: 10/16/2012 21:28:06 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69750.	39.10	-8740	142.1	2.202	8758.
Stddev	90.	.70	.4326	.5	.035	11.
%RSD	.1288	1.789	49.49	.3528	1.601	.1204

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.193	44.11	76.34	255.4	141700.	2446.
Stddev	.045	.27	.27	2.4	228.	24.
%RSD	3.740	.6070	.3516	.9350	.1607	.9720

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5803.	1067.	593.0	43.52	81.06	1.884
Stddev	18.	3.	6.4	.17	1.38	1.403
%RSD	.3128	.2893	1.075	.3935	1.700	74.45

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.296	2.132	144.4	150.9	8.578	2.799
Stddev	3.932	2.564	.5	.4	.345	.266
%RSD	74.23	120.3	.3308	.2634	4.022	9.515

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

Sample Name: 460-45822-d-1-a@4 Acquired: 10/16/2012 21:28:06 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.878	50.71	697.7	839.3
Stddev	1.130	.13	1.6	15.6
%RSD	29.14	.2495	.2222	1.861

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1870.9	38862.	10048.
Stddev	2.0	95.	33.
%RSD	.10947	.24496	.32875

Sample Name: CCV Acquired: 10/16/2012 21:31:45 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	2438.	1227.	9977.	982.8	130100.
Stddev	138.	2.	1.	14.	1.2	147.
%RSD	.1114	.0637	.1016	.1426	.1255	.1131

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1264.	2481.	4942.	12390.	100900.	51130.
Stddev	2.	4.	4.	24.	44.	69.
%RSD	.1572	.1500	.0769	.1945	.0432	.1343

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	5085.	129900.	2484.	7660.	981.8
Stddev	121.	3.	124.	4.	16.	5.1
%RSD	.0966	.0558	.0953	.1612	.2063	.5228

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2433.	2565.	2475.	2483.	974.2	2521.
Stddev	11.	9.	2.	8.	1.4	3.
%RSD	.4463	.3370	.0848	.3163	.1417	.1230

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 21:31:45 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1000.	5011.	10080.	9167.
Stddev	2.	63.	11.	20.
%RSD	.2059	1.251	.1054	.2208

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1653.6	34175.	9171.0
Stddev	1.3	83.	9.1
%RSD	.07946	.24219	.09935

Sample Name: CCB Acquired: 10/16/2012 21:35:15 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.21	.8787	.2281	.1461	.0431	-1.652
Stddev	7.82	.2188	.0651	.1906	.0882	6.035
%RSD	64.06	24.90	28.52	130.4	204.9	365.4

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0294	-.1962	.3184	.8651	.8762	124.9
Stddev	.0306	.2855	.4308	1.108	7.749	46.9
%RSD	104.0	145.5	135.3	128.1	884.4	37.58

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.194	.4300	34.23	.0425	1.613	-2.940
Stddev	2.076	.2361	24.04	.7633	2.078	2.213
%RSD	33.51	54.92	70.24	1794.	128.8	75.28

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2237	4.687	.0200	.4467	1.308	1.742
Stddev	2.221	3.980	.4866	.0190	.594	.407
%RSD	992.9	84.92	2436.	4.255	45.39	23.39

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

Sample Name: CCB Acquired: 10/16/2012 21:35:15 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6882	.4592	1.400	1.416
Stddev	.2809	.3931	1.158	3.936
%RSD	40.82	85.60	82.67	278.0

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1806.8	37987.	9441.3
Stddev	1.9	130.	35.7
%RSD	.10582	.34249	.37796

Sample Name: 460-45542-a-27-a@4 Acquired: 10/16/2012 21:38:59 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36820.	12.88	-8002	341.6	3.839	7661.
Stddev	73.	.09	.4992	.3	.051	31.
%RSD	.1978	.7262	62.38	.0973	1.319	.4097

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8573	23.10	64.96	31.85	69450.	1960.
Stddev	.0927	.07	.27	1.09	50.	18.
%RSD	10.82	.2897	.4156	3.410	.0720	.9188

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8344.	589.1	327.4	31.06	73.73	-2.024
Stddev	39.	1.2	3.2	.58	2.25	.643
%RSD	.4630	.2080	.9718	1.880	3.048	31.77

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.433	1.882	91.56	211.5	5.416	1.619
Stddev	.532	1.118	.43	.1	.348	.420
%RSD	37.12	59.37	.4746	.0572	6.435	25.93

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

Sample Name: 460-45542-a-27-a@4 Acquired: 10/16/2012 21:38:59 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.028	31.27	662.6	930.3
Stddev	.259	.08	1.8	14.7
%RSD	3.230	.2547	.2652	1.579

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2013.3	41951.	10785.
Stddev	4.8	85.	51.
%RSD	.23758	.20361	.47530

Sample Name: 460-45763-t-3-c du@2 Acquired: 10/16/2012 21:42:36 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	201.6	5.083	.1707	79.22	-.0004	178900.
Stddev	15.4	2.184	.6723	1.46	.0138	12420.
%RSD	7.658	42.96	393.9	1.847	3804.	6.942

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1013	.4994	-1.397	5.444	914.0	F 117800.
Stddev	.0797	.4559	1.311	2.558	59.3	8348.
%RSD	78.63	91.29	93.82	46.98	6.493	7.086

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 352400.	246.3	F 1616000.	1.852	6.428	-6.217
Stddev	30360.	15.7	201300.	1.018	2.964	4.948
%RSD	8.617	6.384	12.45	54.97	46.11	79.57

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.600	3.376	1.831	6.134	1115.	4.213
Stddev	3.254	1.764	.426	.575	19.	.263
%RSD	33.89	52.25	23.25	9.367	1.671	6.239

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

Sample Name: 460-45763-t-3-c du@2 Acquired: 10/16/2012 21:42:36 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8848	2199.	16.43	2919.
Stddev	1.169	127.	1.14	148.
%RSD	132.1	5.791	6.922	5.067

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1372.7	26005.	7489.0
Stddev	62.6	2068.	1094.6
%RSD	4.5604	7.9511	14.617

Sample Name: 460-45763-t-3-c du@2 Acquired: 10/16/2012 21:46:25 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.688	3.446	-.0535	8.067	-.0154	17230.
Stddev	.686	.883	.2873	.082	.0289	28.
%RSD	8.925	25.64	537.2	1.010	187.3	.1630

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0590	-.3423	.2793	-1.182	82.59	10710.
Stddev	.1487	.3186	.7049	1.268	4.59	94.
%RSD	251.9	93.08	252.4	107.3	5.552	.8800

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31000.	23.02	F 263200.	.2942	.9966	-3.633
Stddev	48.	.05	3442.	.6244	.6606	3.750
%RSD	.1542	.2312	1.308	212.3	66.29	103.2

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.832	2.319	-.0461	2.069	112.3	.8018
Stddev	4.176	1.709	.0635	.065	.4	.2582
%RSD	147.4	73.68	138.0	3.140	.3238	32.20

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

Sample Name: 460-45763-t-3-c du@2 Acquired: 10/16/2012 21:46:25 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7905	208.7	1.485	269.5
Stddev	.8826	.1	.456	6.5
%RSD	111.7	.0428	30.73	2.419

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1695.3	34368.	9301.4
Stddev	3.9	64.	62.3
%RSD	.23080	.18584	.66986

Sample Name: 460-45763-t-3-b@2 Acquired: 10/16/2012 21:50:16 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	192.3	3.759	-3130	81.39	-0035	172100.
Stddev	5.0	4.126	.0995	.89	.0293	512.
%RSD	2.604	109.8	31.80	1.096	847.3	.2972

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1587	-.2132	-.6065	4.574	857.3	F 113600.
Stddev	.0800	.6104	.3786	1.917	9.2	415.
%RSD	50.43	286.3	62.42	41.92	1.075	.3656

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 321700.	235.1	F 1362000.	1.970	4.902	-6.411
Stddev	552.	.6	71370.	1.165	1.321	3.216
%RSD	.1716	.2733	5.242	59.14	26.95	50.17

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.82	5.107	.9698	5.557	1174.	5.166
Stddev	2.60	4.105	.5425	.141	8.	.311
%RSD	24.08	80.38	55.94	2.533	.7186	6.022

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

Sample Name: 460-45763-t-3-b@2 Acquired: 10/16/2012 21:50:16 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.049	2173.	14.70	3225.
Stddev	1.143	7.	.71	61.
%RSD	109.0	.3036	4.814	1.895

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1405.2	28349.	8940.0
Stddev	3.4	106.	95.2
%RSD	.24196	.37289	1.0652

Sample Name: 460-45763-t-3-b@20 Acquired: 10/16/2012 21:54:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.13	3.955	.2558	7.976	.0569	17480.
Stddev	6.46	2.570	.6923	.101	.0435	18.
%RSD	53.29	64.99	270.6	1.261	76.33	.1011

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0110	-.1978	-.0251	.6640	77.59	10910.
Stddev	.0655	.2105	.3682	1.299	10.70	49.
%RSD	595.4	106.4	1466.	195.7	13.79	.4457

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31330.	23.22	F 266200.	.0393	.7538	-2.348
Stddev	190.	.09	595.	.2229	1.507	1.316
%RSD	.6065	.3901	.2236	567.0	199.9	56.06

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6179	4.618	.1883	1.022	114.7	.4992
Stddev	3.113	2.627	.1267	.051	.1	.1934
%RSD	503.8	56.89	67.30	4.972	.1157	38.75

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

Sample Name: 460-45763-t-3-b@20 Acquired: 10/16/2012 21:54:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0348	212.2	1.433	272.3
Stddev	.6598	.2	.473	11.6
%RSD	1896.	.0887	33.01	4.260

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1687.8	34443.	9431.1
Stddev	6.3	232.	72.3
%RSD	.37402	.67468	.76621

Sample Name: sd 460-45763-t-3-b@1 Acquired: 10/16/2012 21:57:56 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.85	1.230	-1.1856	15.67	-.0133	33780.
Stddev	8.06	3.320	.1686	.29	.0386	39.
%RSD	26.13	269.9	90.82	1.825	289.3	.1165

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0335	-.2111	-.1458	.6359	152.2	20880.
Stddev	.1599	.2885	.1999	.8871	2.2	35.
%RSD	476.9	136.7	137.0	139.5	1.437	.1664

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60580.	44.99	F 486100.	1.003	2.602	-2.034
Stddev	232.	.07	6940.	.618	2.178	1.458
%RSD	.3824	.1526	1.428	61.56	83.73	71.67

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.808	5.560	.0680	1.631	220.8	1.314
Stddev	1.003	3.216	.3172	.101	1.6	.674
%RSD	20.87	57.84	466.3	6.185	.7022	51.29

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

Sample Name: sd 460-45763-t-3-b@1 Acquired: 10/16/2012 21:57:56 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8308	409.6	2.471	542.7
Stddev	.2133	.4	.426	24.4
%RSD	25.68	.0938	17.23	4.488

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1640.0	33279.	9299.4
Stddev	4.0	76.	77.4
%RSD	.24340	.22907	.83283

Sample Name: sd 460-45763-t-3-b@1 Acquired: 10/16/2012 22:01:46 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.645	3.104	.2617	1.337	-.0119	3477.
Stddev	8.380	3.327	.5923	.093	.0496	9.
%RSD	148.5	107.2	226.4	6.972	416.7	.2521

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0191	-.5461	.4714	.7309	2.869	2203.
Stddev	.0560	.2877	.5316	1.081	7.905	41.
%RSD	293.1	52.68	112.8	147.9	275.5	1.865

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6211.	4.634	57080.	.1210	3.180	-1.458
Stddev	21.	.028	135.	.2596	.541	.276
%RSD	.3310	.6034	.2370	214.5	17.03	18.93

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.195	3.842	-.1713	1.134	23.60	.1871
Stddev	4.704	2.088	.4054	.201	.47	.3271
%RSD	393.7	54.35	236.7	17.70	1.997	174.8

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

Sample Name: sd 460-45763-t-3-b@1 Acquired: 10/16/2012 22:01:46 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1378	42.47	.7268	51.78
Stddev	.8656	.06	.2623	9.03
%RSD	628.0	.1515	36.09	17.43

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1776.7	36880.	9668.7
Stddev	1.9	171.	98.4
%RSD	.10497	.46250	1.0172

Sample Name: 460-45763-t-3-d ms@2 Acquired: 10/16/2012 22:05:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1186.	1060.	27.69	1064.	23.85	172400.
Stddev	4.	2.	.97	1.	.11	66.
%RSD	.3604	.2025	3.522	.0546	.4491	.0384

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.51	234.4	96.94	126.0	1282.	F 117300.
Stddev	.30	.8	.79	1.8	8.	300.
%RSD	1.212	.3508	.8129	1.459	.6217	.2560

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 312100.	475.4	F 1371000.	236.3	238.4	246.0
Stddev	1994.	2.3	25610.	.3	1.6	2.9
%RSD	.6388	.4944	1.868	.1082	.6665	1.164

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1039.	927.4	249.1	250.5	1345.	246.1
Stddev	3.	6.4	1.2	.9	4.	1.4
%RSD	.2616	.6939	.4658	.3622	.2820	.5564

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

Sample Name: 460-45763-t-3-d ms@2 Acquired: 10/16/2012 22:05:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	237.1	2291.	260.3	3076.
Stddev	1.1	6.	1.0	21.
%RSD	.4501	.2429	.3789	.6666

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1411.7	28578.	8786.4
Stddev	2.9	191.	49.2
%RSD	.20659	.66855	.56018

Sample Name: 460-45763-t-3-d ms@1 Acquired: 10/16/2012 22:09:11 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	101.8	96.15	2.577	107.0	2.455	17520.
Stddev	3.3	1.72	.524	.4	.077	22.
%RSD	3.249	1.784	20.31	.3969	3.133	.1261

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.521	24.11	9.327	11.54	118.0	11200.
Stddev	.073	.20	.162	.90	4.5	37.
%RSD	2.905	.8197	1.739	7.762	3.840	.3332

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30410.	47.08	F 258800.	24.59	25.76	18.63
Stddev	155.	.16	1517.	.40	1.96	2.51
%RSD	.5092	.3453	.5863	1.608	7.608	13.49

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95.06	106.9	24.29	26.92	132.2	24.83
Stddev	1.32	2.6	.86	.10	.5	.47
%RSD	1.385	2.437	3.528	.3628	.3842	1.886

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

Sample Name: 460-45763-t-3-d ms@1 Acquired: 10/16/2012 22:09:11 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	25.54	223.8	25.42	259.5
Stddev	.15	.1	.88	9.0
%RSD	.5781	.0635	3.455	3.450

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1692.4	34534.	9318.8
Stddev	4.1	127.	62.7
%RSD	.24172	.36811	.67301

Sample Name: pds 460-45763-t-3-b@ Acquired: 10/16/2012 22:13:01 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2316.	2305.	60.12	2210.	51.85	191700.
Stddev	4.	3.	1.19	5.	.18	499.
%RSD	.1704	.1354	1.973	.2276	.3536	.2605

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.92	509.9	210.7	272.3	1936.	F 136000.
Stddev	.26	.7	1.4	.6	17.	336.
%RSD	.4865	.1370	.6667	.2157	.8527	.2471

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 338300.	784.8	F 1359000.	509.7	514.0	546.2
Stddev	1392.	2.4	32120.	2.5	2.0	1.5
%RSD	.4114	.3054	2.364	.4948	.3911	.2766

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2283.	2006.	538.8	534.8	1700.	526.8
Stddev	8.	2.	.5	1.3	6.	1.8
%RSD	.3536	.0938	.1004	.2360	.3715	.3438

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

Sample Name: pds 460-45763-t-3-b@ Acquired: 10/16/2012 22:13:01 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	509.7	2693.	546.5	3257.
Stddev	.2	2.	1.6	51.
%RSD	.0336	.0848	.2844	1.563

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1404.2	28450.	8869.9
Stddev	3.8	91.	81.4
%RSD	.27290	.32025	.91792

Sample Name: CCV Acquired: 10/16/2012 22:16:40 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123700.	2451.	1221.	9995.	976.7	129800.
Stddev	67.	7.	2.	2.	1.1	158.
%RSD	.0545	.2860	.1367	.0186	.1163	.1219

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1265.	2484.	4881.	12430.	100100.	51650.
Stddev	2.	3.	4.	15.	189.	23.
%RSD	.1971	.1064	.0920	.1220	.1887	.0439

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	5053.	131100.	2476.	7636.	990.8
Stddev	81.	3.	272.	2.	7.	5.1
%RSD	.0663	.0673	.2074	.0887	.0901	.5100

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2456.	2578.	2466.	2452.	980.4	2540.
Stddev	12.	7.	2.	2.	.5	3.
%RSD	.4974	.2798	.0721	.1013	.0559	.1260

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 22:16:40 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.7	5028.	10110.	9284.
Stddev	1.1	46.	4.	22.
%RSD	.1087	.9097	.0390	.2398

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1655.8	34680.	9430.0
Stddev	.7	36.	7.5
%RSD	.04160	.10422	.07993

Sample Name: CCB Acquired: 10/16/2012 22:20:10 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.983	1.922	.6567	.0782	.0700	8.859
Stddev	8.722	2.508	.1517	.4810	.0493	12.84
%RSD	145.8	130.5	23.10	614.8	70.48	144.9

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0807	-.3337	.5228	.2329	2.854	142.0
Stddev	.0479	.1917	.3116	1.982	6.656	23.7
%RSD	59.37	57.45	59.60	850.8	233.2	16.67

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.498	.3478	420.3	-.6093	2.837	1.991
Stddev	5.559	.2950	47.2	.3391	1.476	5.792
%RSD	58.53	84.83	11.22	55.66	52.02	290.8

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6112	3.739	-.1641	.3248	2.084	2.146
Stddev	1.369	.856	.4664	.1546	.661	.382
%RSD	223.9	22.89	284.2	47.61	31.74	17.81

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

Sample Name: CCB Acquired: 10/16/2012 22:20:10 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4900	.4575	1.064	1.086
Stddev	.2251	.3880	.805	8.704
%RSD	45.93	84.82	75.70	801.2

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1818.5	38534.	9641.0
Stddev	3.0	44.	42.1
%RSD	.16514	.11464	.43685

Sample Name: pds 460-45763-t-3-b@ Acquired: 10/16/2012 22:23:55 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1893.	1912.	47.39	1969.	47.46	38200.
Stddev	9.	2.	.47	3.	.13	139.
%RSD	.4817	.1251	.9930	.1706	.2683	.3641

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.87	479.6	192.0	235.9	1073.	30670.
Stddev	.03	1.1	.5	.7	2.	154.
%RSD	.0579	.2328	.2473	.3143	.2013	.5030

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49960.	524.5	F 286100.	480.7	493.7	455.3
Stddev	134.	1.1	711.	.4	1.1	1.1
%RSD	.2672	.2056	.2484	.0798	.2324	.2350

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1890.	2013.	482.7	489.4	588.8	476.8
Stddev	8.	8.	1.2	.7	1.4	.6
%RSD	.4193	.3833	.2535	.1395	.2352	.1314

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

Sample Name: pds 460-45763-t-3-b@ Acquired: 10/16/2012 22:23:55 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	484.5	679.4	483.4	328.0
Stddev	1.6	1.2	2.7	20.3
%RSD	.3270	.1796	.5518	6.204

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1678.2	34513.	9490.8
Stddev	1.7	85.	45.8
%RSD	.10006	.24596	.48291

Sample Name: 460-45763-t-1-b@20 Acquired: 10/16/2012 22:27:33 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.30	3.090	.2099	8.786	-.0102	34650.
Stddev	7.65	1.317	.6831	.195	.0734	62.
%RSD	25.25	42.62	325.5	2.218	719.0	.1799

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0367	-.2941	.1351	-1.099	35.00	8219.
Stddev	.0398	.1273	.3214	1.296	2.19	9.
%RSD	108.2	43.28	237.8	117.9	6.268	.1066

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4552.	1.622	170700.	.5255	2.636	-3.379
Stddev	7.	.023	1763.	.4427	.676	2.613
%RSD	.1627	1.413	1.033	84.23	25.65	77.33

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.497	5.447	.2619	1.240	35.72	1.555
Stddev	.303	1.232	.3412	.238	.44	.404
%RSD	12.13	22.62	130.3	19.17	1.222	25.99

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

Sample Name: 460-45763-t-1-b@20 Acquired: 10/16/2012 22:27:33 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9274	192.4	3.263	174.7
Stddev	.7855	.2	.816	10.2
%RSD	84.70	.0957	25.00	5.827

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1719.7	35516.	9607.8
Stddev	.8	143.	82.4
%RSD	.04642	.40303	.85739

Sample Name: 460-45763-t-2-b@20 Acquired: 10/16/2012 22:31:23 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41.40	3.085	.5078	16.52	-.0123	13830.
Stddev	4.12	1.565	.6069	.32	.0412	38.
%RSD	9.939	50.74	119.5	1.962	335.6	.2726

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0630	-.6428	.1366	.3358	91.18	5195.
Stddev	.1571	.2024	.2561	1.817	15.03	13.
%RSD	249.4	31.48	187.4	541.1	16.48	.2490

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7529.	28.95	105500.	.4469	.5732	-2.498
Stddev	28.	.03	116.	1.010	.8979	.816
%RSD	.3731	.0998	.1100	225.9	156.7	32.67

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.042	1.370	.0718	2.509	37.88	.2197
Stddev	1.410	4.000	.1087	.102	1.06	.1601
%RSD	34.88	292.1	151.5	4.057	2.806	72.86

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

Sample Name: 460-45763-t-2-b@20 Acquired: 10/16/2012 22:31:23 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8607	156.3	2.670	473.7
Stddev	.4403	.3	.401	2.7
%RSD	51.16	.1838	15.02	.5796

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1753.4	36346.	9670.3
Stddev	1.9	113.	40.8
%RSD	.10863	.31053	.42203

Sample Name: 460-45763-t-4-b@10 Acquired: 10/16/2012 22:35:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.473	11.83	.4952	31.41	.0020	24780.
Stddev	3.797	1.64	.8301	.07	.0380	21.
%RSD	58.66	13.89	167.6	.2094	1911.	.0859

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0570	-.4079	-.0456	.5468	140.1	3300.
Stddev	.1538	.2082	.1679	.8702	10.0	11.
%RSD	269.7	51.05	368.4	159.1	7.103	.3307

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5237.	216.7	111600.	.3945	1.550	-3.684
Stddev	11.	.4	47.	.6782	.301	1.878
%RSD	.2135	.1677	.0425	171.9	19.44	50.99

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.348	3.366	.1278	.9238	36.82	.4791
Stddev	4.253	.598	.2746	.0674	.66	.2769
%RSD	315.5	17.77	214.9	7.292	1.783	57.80

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

Sample Name: 460-45763-t-4-b@10 Acquired: 10/16/2012 22:35:05 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4698	221.2	.7727	904.8
Stddev	.8476	.5	.8436	5.5
%RSD	180.4	.2319	109.2	.6128

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1754.4	36394.	9670.4
Stddev	1.9	87.	11.9
%RSD	.10740	.23958	.12289

Sample Name: 460-45763-t-5-b@10 Acquired: 10/16/2012 22:38:47 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.235	2.761	.0171	19.06	-.0019	13220.
Stddev	7.336	.831	.5983	.10	.0837	8.
%RSD	226.7	30.11	3505.	.5109	4509.	.0604

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0651	-.2482	.2589	.5334	14.10	5674.
Stddev	.0376	.0254	.3966	2.907	6.61	25.
%RSD	57.84	10.25	153.2	544.9	46.88	.4381

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10690.	57.50	124900.	.5771	1.887	-4.404
Stddev	6.	.07	343.	.5192	.792	3.093
%RSD	.0527	.1263	.2743	89.97	41.99	70.23

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.333	4.089	.5976	2.022	66.35	.5273
Stddev	4.822	1.729	.3280	.069	.26	.3186
%RSD	206.7	42.28	54.89	3.394	.3974	60.41

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

Sample Name: 460-45763-t-5-b@10 Acquired: 10/16/2012 22:38:47 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9935	175.3	1.349	1277.
Stddev	.9194	.4	.145	5.
%RSD	92.54	.2345	10.73	.3800

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1744.8	36248.	9666.6
Stddev	.6	81.	48.3
%RSD	.03365	.22465	.49967

Sample Name: 460-45763-t-6-b@5 Acquired: 10/16/2012 22:42:28 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.331	.8750	.3661	39.92	-.0156	28960.
Stddev	6.530	1.519	.3405	.18	.0352	15.
%RSD	490.8	173.6	93.02	.4493	225.1	.0501

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1515	-.2378	.2401	1.816	53.04	11810.
Stddev	.0401	.2944	.2119	1.147	7.70	33.
%RSD	26.49	123.8	88.28	63.16	14.51	.2776

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6573.	49.52	173500.	.4837	1.533	-3.469
Stddev	27.	.22	623.	.7402	.813	1.265
%RSD	.4174	.4379	.3589	153.0	53.03	36.47

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.896	4.906	.4186	.9807	83.89	1.120
Stddev	4.221	3.448	.3364	.0906	.31	.198
%RSD	108.3	70.28	80.35	9.237	.3659	17.66

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

Sample Name: 460-45763-t-6-b@5 Acquired: 10/16/2012 22:42:28 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5168	320.0	2.057	2253.
Stddev	.6762	.2	.800	16.
%RSD	130.8	.0613	38.88	.7095

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1722.3	35622.	9573.8
Stddev	1.7	16.	35.6
%RSD	.09715	.04477	.37182

Sample Name: 460-45763-t-7-b@5 Acquired: 10/16/2012 22:46:18 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.037	4.001	.2682	42.71	-.0321	29340.
Stddev	10.51	1.585	.2724	.18	.0233	45.
%RSD	149.4	39.62	101.6	.4105	72.62	.1535

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0228	-.2172	-.3060	-1.181	185.1	12340.
Stddev	.2429	.2512	.3501	1.016	4.6	19.
%RSD	1064.	115.7	114.4	86.07	2.469	.1518

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8043.	56.54	185400.	.5354	3.372	-6.275
Stddev	12.	.14	673.	.7471	.824	1.509
%RSD	.1466	.2413	.3631	139.5	24.43	24.04

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.781	2.284	.3390	1.315	92.62	1.443
Stddev	2.465	.584	.0329	.107	.72	.350
%RSD	88.63	25.54	9.715	8.159	.7783	24.23

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

Sample Name: 460-45763-t-7-b@5 Acquired: 10/16/2012 22:46:18 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5149	327.7	2.821	2458.
Stddev	.0841	.4	.376	3.
%RSD	16.33	.1344	13.31	.1400

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1722.5	35548.	9565.0
Stddev	2.3	31.	68.2
%RSD	.13159	.08693	.71251

Sample Name: 460-45762-g-1-d@3 Acquired: 10/16/2012 22:50:08 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.37	350.4	.5345	84.34	.0032	77670.
Stddev	5.63	3.4	.2479	.30	.0314	96.
%RSD	10.55	.9628	46.38	.3505	989.4	.1231

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2203	2.374	-.2088	-.4369	9161.	12950.
Stddev	.1136	.388	.1267	1.499	23.	28.
%RSD	51.56	16.35	60.71	343.2	.2532	.2193

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25820.	1104.	175300.	5.874	2.389	-2.810
Stddev	38.	1.	929.	.562	1.318	1.190
%RSD	.1487	.0759	.5300	9.558	55.18	42.36

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.826	3.878	.4309	2.807	403.9	49.56
Stddev	2.680	1.440	.1152	.064	1.2	.60
%RSD	55.53	37.15	26.74	2.289	.2905	1.206

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

Sample Name: 460-45762-g-1-d@3 Acquired: 10/16/2012 22:50:08 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0456	2108.	5.339	2922.
Stddev	.5879	1.	.525	12.
%RSD	1290.	.0629	9.842	.4156

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1698.2	35285.	9647.8
Stddev	2.5	45.	14.7
%RSD	.14994	.12697	.15233

Sample Name: 460-45762-g-3-b@3 Acquired: 10/16/2012 22:53:56 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.92	55.89	-.0422	181.5	.0590	63670.
Stddev	5.25	1.30	.3730	.5	.0580	63.
%RSD	12.24	2.329	884.0	.2996	98.26	.0988

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1530	-.3842	.8065	.5465	6273.	11670.
Stddev	.2858	.1663	.1387	1.168	12.	25.
%RSD	186.8	43.28	17.20	213.8	.1888	.2184

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26220.	141.1	133800.	.8297	1.924	-5.612
Stddev	39.	.2	278.	.5198	1.726	1.849
%RSD	.1487	.1254	.2076	62.65	89.71	32.94

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.970	4.222	32.01	1.996	448.9	.4107
Stddev	1.203	2.511	.74	.226	1.5	.4796
%RSD	61.09	59.47	2.316	11.34	.3331	116.8

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

Sample Name: 460-45762-g-3-b@3 Acquired: 10/16/2012 22:53:56 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8090	1288.	3.231	3465.
Stddev	.4160	3.	.521	2.
%RSD	51.42	.2313	16.12	.0511

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1713.6	35425.	9578.5
Stddev	4.1	63.	15.2
%RSD	.23963	.17861	.15877

Sample Name: 460-45762-g-4-b@5 Acquired: 10/16/2012 22:57:34 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.424	6.336	.5918	558.7	-.0300	15500.
Stddev	8.009	.797	1.029	.8	.0576	37.
%RSD	84.99	12.58	173.9	.1412	192.0	.2387

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0450	-.1530	-.0715	1.389	2646.	14590.
Stddev	.0850	.3507	.4903	1.537	15.	47.
%RSD	189.0	229.2	685.8	110.7	.5693	.3202

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26350.	61.75	193300.	.5139	3.864	-2.458
Stddev	39.	.18	1863.	.3848	.750	.461
%RSD	.1497	.2851	.9639	74.88	19.40	18.76

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0247	6.216	.5143	1.631	445.5	6.519
Stddev	.7579	.850	.1440	.190	.8	.312
%RSD	3074.	13.67	27.99	11.66	.1867	4.781

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

Sample Name: 460-45762-g-4-b@5 Acquired: 10/16/2012 22:57:34 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3094	438.8	1.178	1108.
Stddev	.3277	1.5	.250	16.
%RSD	105.9	.3455	21.20	1.415

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1713.4	35192.	9487.0
Stddev	1.6	82.	89.7
%RSD	.09079	.23186	.94556

Sample Name: CCV Acquired: 10/16/2012 23:01:23 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123500.	2446.	1221.	9975.	972.3	129600.
Stddev	100.	3.	2.	6.	2.1	122.
%RSD	.0812	.1146	.1334	.0628	.2164	.0945

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1270.	2482.	4881.	12390.	100500.	51700.
Stddev	1.	1.	2.	4.	289.	68.
%RSD	.0413	.0399	.0386	.0354	.2879	.1318

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123400.	5067.	130400.	2470.	7662.	992.5
Stddev	249.	11.	110.	3.	9.	1.6
%RSD	.2015	.2101	.0846	.1076	.1183	.1585

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2449.	2585.	2464.	2461.	974.7	2541.
Stddev	12.	6.	3.	2.	1.3	2.
%RSD	.4948	.2386	.1377	.0714	.1366	.0923

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 23:01:23 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1000.	5009.	10080.	9108.
Stddev	1.	40.	5.	17.
%RSD	.1395	.7988	.0474	.1830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1654.3	34518.	9305.3
Stddev	1.2	50.	61.0
%RSD	.06976	.14558	.65593

Sample Name: CCB Acquired: 10/16/2012 23:04:52 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5106	2.118	.2804	.1256	.0714	9.389
Stddev	11.11	1.099	.0740	.2714	.0333	8.279
%RSD	2175.	51.89	26.39	216.1	46.61	88.19

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1151	.1011	.5310	1.508	-6.057	96.26
Stddev	.0610	.3882	.0209	.586	14.26	34.03
%RSD	53.01	384.1	3.943	38.87	235.5	35.35

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.293	.4194	124.2	.8189	2.951	-1.829
Stddev	6.331	.2244	20.1	.1380	1.753	1.675
%RSD	68.12	53.49	16.17	16.85	59.41	91.61

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.246	4.055	.4491	.2846	2.455	1.997
Stddev	3.735	2.183	.2230	.1289	.736	.131
%RSD	299.8	53.84	49.65	45.27	29.99	6.545

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

Sample Name: CCB Acquired: 10/16/2012 23:04:52 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0804	.4132	.5962	-6.926
Stddev	.0135	.4576	.5768	7.249
%RSD	16.73	110.8	96.75	104.7

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1813.5	38317.	9489.6
Stddev	1.6	126.	52.1
%RSD	.08831	.32782	.54936

Sample Name: 460-45769-a-7-b@2 Acquired: 10/16/2012 23:08:38 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.03	1.022	.2232	276.4	.0060	78000.
Stddev	3.92	1.559	.8514	.6	.0413	121.
%RSD	8.893	152.5	381.4	.2104	684.8	.1546

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3119	6.818	81.55	4.412	2306.	5116.
Stddev	.0780	.106	.22	.931	5.	13.
%RSD	25.00	1.550	.2667	21.10	.2073	.2455

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12780.	1460.	147000.	64.44	5.309	-.9351
Stddev	50.	2.	132.	.60	1.370	1.174
%RSD	.3892	.1384	.0896	.9335	25.80	125.6

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.507	2.997	1.222	3.313	59.05	4.828
Stddev	1.062	.485	.287	.087	.40	.162
%RSD	42.38	16.19	23.49	2.640	.6790	3.360

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

Sample Name: 460-45769-a-7-b@2 Acquired: 10/16/2012 23:08:38 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.420	340.2	4.891	4429.
Stddev	.559	.5	.765	18.
%RSD	39.37	.1534	15.64	.4076

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1702.2	35264.	9317.2
Stddev	1.9	81.	29.9
%RSD	.10960	.23109	.32073

Sample Name: 460-45701-h-2-c du Acquired: 10/16/2012 23:12:17 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.84	2.560	.0549	309.1	-.0163	156700.
Stddev	4.78	.933	.5114	.7	.0359	107.
%RSD	8.881	36.44	931.2	.2362	220.7	.0682

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0845	.0334	-.8770	.2456	37.50	1435.
Stddev	.1549	.1176	.8793	1.240	5.52	12.
%RSD	183.2	351.6	100.3	504.9	14.72	.8411

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33370.	3.450	44070.	1.391	2.503	-6.302
Stddev	20.	.149	33.	.876	1.453	2.144
%RSD	.0603	4.329	.0743	62.96	58.05	34.03

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.594	3.365	.9816	7.315	404.5	.8526
Stddev	1.557	.334	.0567	.128	.7	.5918
%RSD	16.22	9.925	5.779	1.754	.1607	69.41

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

Sample Name: 460-45701-h-2-c du Acquired: 10/16/2012 23:12:17 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0655	431.1	6.913	8665.
Stddev	.6908	.2	.481	67.
%RSD	1054.	.0478	6.960	.7778

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1704.2	35666.	9433.5
Stddev	1.1	49.	63.6
%RSD	.06213	.13821	.67429

Sample Name: 460-45701-h-2-b Acquired: 10/16/2012 23:15:56 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.18	2.355	.7426	313.1	-.1961	158500.
Stddev	15.05	1.350	.3549	.0	.0456	125.
%RSD	31.90	57.32	47.80	.0123	23.27	.0790

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1523	.1455	-1.302	1.119	-2.307	1462.
Stddev	.0621	.0806	.124	1.492	1.672	7.
%RSD	40.78	55.39	9.487	133.4	72.46	.4551

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33840.	3.360	44600.	1.572	1.301	-2.458
Stddev	48.	.070	36.	.232	.920	4.675
%RSD	.1427	2.081	.0815	14.75	70.73	190.2

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.77	3.377	.5815	6.909	409.5	.8266
Stddev	.59	.400	.6944	.235	1.4	.3198
%RSD	5.460	11.83	119.4	3.406	.3370	38.69

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

Sample Name: 460-45701-h-2-b Acquired: 10/16/2012 23:15:56 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1566	435.3	6.080	8768.
Stddev	.2465	.8	.467	27.
%RSD	157.4	.1952	7.677	.3085

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1700.5	35575.	9454.5
Stddev	.7	20.	.5
%RSD	.04104	.05707	.00505

Sample Name: sd 460-45701-h-2-b@5 Acquired: 10/16/2012 23:19:34 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.192	1.364	.3662	62.29	-.0174	32490.
Stddev	3.609	1.039	.3399	.13	.0334	39.
%RSD	113.0	76.13	92.82	.2116	192.0	.1209

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1288	-.4227	.4909	-.2190	-3.271	330.8
Stddev	.0516	.2483	.2258	1.774	5.186	5.2
%RSD	40.10	58.74	46.00	809.9	158.5	1.558

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6873.	.7730	8920.	.7153	2.108	-2.783
Stddev	9.	.0719	14.	.2210	.826	1.869
%RSD	.1256	9.300	.1562	30.90	39.20	67.15

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.133	3.501	-.1314	2.400	79.87	.2805
Stddev	4.407	1.079	.3568	.272	1.21	.2943
%RSD	388.8	30.83	271.4	11.33	1.512	104.9

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

Sample Name: sd 460-45701-h-2-b@5 Acquired: 10/16/2012 23:19:34 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1414	86.55	2.089	1629.
Stddev	.1247	.11	.653	5.
%RSD	88.18	.1250	31.28	.2815

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1783.4	37375.	9460.0
Stddev	1.7	76.	21.9
%RSD	.09693	.20261	.23153

Sample Name: 460-45701-h-2-d.ms Acquired: 10/16/2012 23:23:16 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1975.	1890.	46.41	2288.	48.02	173900.
Stddev	3.	4.	.27	4.	.22	241.
%RSD	.1639	.2068	.5757	.1693	.4553	.1387

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.56	480.5	192.1	238.9	980.1	21850.
Stddev	.08	.9	1.4	3.4	27.0	46.
%RSD	.1615	.1793	.7101	1.440	2.752	.2086

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52350.	504.3	64320.	480.9	500.0	459.8
Stddev	174.	.5	105.	2.0	2.0	2.3
%RSD	.3318	.1085	.1628	.4232	.4065	.5023

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1876.	2082.	482.8	485.7	879.2	481.7
Stddev	5.	7.	1.1	.3	2.3	1.1
%RSD	.2677	.3489	.2366	.0517	.2658	.2279

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

Sample Name: 460-45701-h-2-d.ms Acquired: 10/16/2012 23:23:16 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	488.3	900.7	494.4	8666.
Stddev	.8	1.6	1.7	22.
%RSD	.1614	.1784	.3366	.2586

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1686.7	35205.	9346.4
Stddev	1.4	139.	4.3
%RSD	.08516	.39391	.04653

Sample Name: pds 460-45701-h-2-b Acquired: 10/16/2012 23:26:44 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1942.	1867.	46.98	2261.	47.36	174100.
Stddev	8.	8.	.36	5.	.18	176.
%RSD	.3883	.4416	.7654	.2128	.3790	.1009

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.10	474.6	186.8	237.2	981.1	21580.
Stddev	.10	1.1	1.2	3.3	10.3	58.
%RSD	.1940	.2303	.6283	1.380	1.046	.2674

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52180.	497.8	64260.	473.4	494.0	452.7
Stddev	117.	.8	144.	1.2	3.4	2.4
%RSD	.2241	.1706	.2243	.2556	.6821	.5342

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1859.	2063.	476.1	479.1	877.8	476.6
Stddev	4.	5.	1.6	.8	3.2	.4
%RSD	.2347	.2503	.3358	.1741	.3605	.0932

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

Sample Name: pds 460-45701-h-2-b Acquired: 10/16/2012 23:26:44 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	482.0	894.9	485.3	8784.
Stddev	1.1	.6	1.7	7.
%RSD	.2207	.0708	.3548	.0753

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1682.6	35200.	9454.8
Stddev	1.4	98.	31.0
%RSD	.08115	.27842	.32736

Sample Name: 460-45701-h-1-b Acquired: 10/16/2012 23:30:13 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.79	3.398	.0233	124.1	.0303	130100.
Stddev	6.07	2.651	.2428	.8	.0667	67.
%RSD	14.87	78.01	1041.	.6818	220.0	.0512

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1972	.2045	1.558	1.624	1.775	1262.
Stddev	.1412	.2148	.228	.913	1.557	9.
%RSD	71.58	105.0	14.64	56.23	87.69	.7372

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31830.	1.153	43080.	1.123	4.580	-5.311
Stddev	38.	.066	30.	.893	2.400	1.300
%RSD	.1188	5.754	.0688	79.56	52.40	24.47

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.25	4.102	.7832	9.362	445.3	.9934
Stddev	2.12	1.254	.4781	.219	1.3	.0685
%RSD	17.33	30.56	61.05	2.335	.2855	6.896

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

Sample Name: 460-45701-h-1-b Acquired: 10/16/2012 23:30:13 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8487	582.1	5.875	7846.
Stddev	.1740	.4	.475	22.
%RSD	20.50	.0733	8.086	.2793

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1706.6	35654.	9412.2
Stddev	1.9	61.	30.5
%RSD	.11025	.17035	.32426

Sample Name: 460-45701-h-3-b Acquired: 10/16/2012 23:33:53 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.00	2.643	-.0896	97.15	-.0406	79710.
Stddev	4.18	.520	.2730	.12	.0540	180.
%RSD	27.86	19.66	304.8	.1269	132.9	.2258

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8244	.0614	1.802	1.496	-.7300	1925.
Stddev	.0905	.2944	.241	1.799	7.258	1.
%RSD	10.98	479.7	13.38	120.3	994.3	.0755

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22540.	7.465	24730.	1.501	3.571	-5.041
Stddev	52.	.079	26.	.569	.237	.117
%RSD	.2298	1.059	.1047	37.92	6.645	2.319

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.243	1.840	.5102	6.309	34.44	1.467
Stddev	3.067	1.453	.4219	.143	.51	.298
%RSD	49.13	78.98	82.70	2.273	1.480	20.29

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

Sample Name: 460-45701-h-3-b Acquired: 10/16/2012 23:33:53 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6196	1117.	4.002	7399.
Stddev	1.249	1.	.763	19.
%RSD	201.6	.1087	19.07	.2561

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1741.2	36449.	9403.9
Stddev	2.6	26.	63.3
%RSD	.14983	.07173	.67273

Sample Name: 460-45701-h-4-b Acquired: 10/16/2012 23:37:35 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.21	1.393	.4376	377.8	.0089	130300.
Stddev	3.79	1.459	.2772	.6	.0113	620.
%RSD	8.968	104.7	63.35	.1589	126.4	.4756

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4232	-.3028	.7785	.5533	2.452	2134.
Stddev	.2121	.4797	.3662	1.831	6.839	13.
%RSD	50.12	158.4	47.04	330.8	278.9	.6143

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35190.	5.116	46670.	2.878	4.445	-5.742
Stddev	110.	.026	182.	.045	1.184	1.876
%RSD	.3135	.5167	.3906	1.565	26.65	32.67

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.220	3.777	.8302	22.04	120.8	2.210
Stddev	2.690	1.825	.2386	.11	.5	.412
%RSD	43.25	48.33	28.74	.5117	.3844	18.64

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

Sample Name: 460-45701-h-4-b Acquired: 10/16/2012 23:37:35 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6473	542.2	5.068	7636.
Stddev	.2476	1.9	.409	31.
%RSD	38.25	.3551	8.075	.4021

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1710.1	35702.	9431.0
Stddev	1.2	40.	35.4
%RSD	.06907	.11340	.37554

Sample Name: lcs 460-132179/2-a Acquired: 10/16/2012 23:41:14 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1926.	1848.	45.93	2019.	48.22	21380.
Stddev	6.	7.	.71	1.	.20	25.
%RSD	.2952	.3785	1.544	.0670	.4220	.1188

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.96	495.9	194.3	242.0	1026.	20440.
Stddev	.41	.4	.6	1.6	8.	74.
%RSD	.8057	.0711	.3169	.6490	.8139	.3631

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19580.	512.7	21180.	495.4	518.2	453.4
Stddev	28.	.7	63.	1.3	1.1	3.4
%RSD	.1412	.1368	.2975	.2562	.2208	.7477

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1844.	2193.	485.5	494.9	476.5	488.7
Stddev	1.	9.	.7	.5	1.1	.4
%RSD	.0683	.3941	.1520	.0978	.2398	.0798

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-132179/2-a Acquired: 10/16/2012 23:41:14 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	501.2	475.5	491.6	83.55
Stddev	1.1	.7	2.0	21.60
%RSD	.2260	.1430	.4152	25.85

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1765.7	36938.	9518.1
Stddev	1.7	31.	52.7
%RSD	.09910	.08409	.55416

Sample Name: CCV Acquired: 10/16/2012 23:44:45 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123700.	2426.	1225.	9953.	974.3	130200.
Stddev	245.	11.	2.	13.	1.4	318.
%RSD	.1981	.4526	.1549	.1348	.1439	.2442

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1269.	2475.	4878.	12420.	100700.	52130.
Stddev	1.	3.	7.	20.	33.	174.
%RSD	.1080	.1359	.1349	.1635	.0326	.3333

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123700.	5080.	131600.	2456.	7653.	980.9
Stddev	208.	11.	226.	6.	12.	1.9
%RSD	.1677	.2117	.1716	.2382	.1576	.1977

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2436.	2575.	2470.	2460.	968.6	2539.
Stddev	9.	8.	6.	5.	3.0	6.
%RSD	.3699	.3257	.2319	.1955	.3068	.2331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2012 23:44:45 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.8	5001.	10130.	8960.
Stddev	2.7	69.	22.	26.
%RSD	.2711	1.381	.2187	.2882

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1658.1	34454.	9207.1
Stddev	2.5	98.	28.0
%RSD	.15296	.28315	.30420

Sample Name: CCB Acquired: 10/16/2012 23:48:15 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1934	2.029	.4114	.2240	.1018	3.370
Stddev	10.06	2.479	.2809	.3474	.0767	10.93
%RSD	5202.	122.2	68.29	155.1	75.29	324.4

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0402	-.2481	.5420	-.6536	-6.090	105.6
Stddev	.2000	.5458	.4704	.5291	8.952	30.1
%RSD	497.4	220.0	86.79	80.96	147.0	28.49

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.11	.3405	66.23	-.0429	2.415	-2.000
Stddev	6.16	.2995	23.56	.3887	1.522	1.614
%RSD	60.97	87.96	35.57	906.2	63.04	80.72

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.036	2.435	.1896	.3734	2.030	1.717
Stddev	4.414	2.039	.0115	.2464	1.399	.259
%RSD	426.3	83.73	6.042	66.00	68.92	15.09

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

Sample Name: CCB Acquired: 10/16/2012 23:48:15 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7587	.4190	1.405	-.3701
Stddev	.4883	.4421	.733	11.57
%RSD	64.36	105.5	52.16	3127.

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1814.2	38427.	9461.8
Stddev	1.0	55.	65.8
%RSD	.05295	.14373	.69592

Sample Name: mb 460-132174/1-b Acquired: 10/16/2012 23:52:00 Type: QC

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.301	.9414	.5524	.0200	-.0100	-2.144
Stddev	8.318	1.205	.3969	.1080	.0373	6.703
%RSD	100.2	128.0	71.85	539.2	373.0	312.6

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0722	-.4453	.2283	-.5410	-1.571	59.20
Stddev	.1858	.0937	.0839	1.139	7.743	16.09
%RSD	257.4	21.04	36.74	210.5	493.0	27.18

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1114	.0793	42.76	.9641	.9833	-4.140
Stddev	2.138	.0095	6.09	.5140	1.171	1.532
%RSD	1919.	11.96	14.25	53.32	119.1	37.00

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.331	5.200	-.0304	3.683	1.506	.1990
Stddev	1.965	1.038	.0900	.294	.895	.3541
%RSD	58.98	19.96	296.4	7.989	59.43	177.9

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

Sample Name: mb 460-132174/1-b Acquired: 10/16/2012 23:52:00 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6455	.0725	.9905	9.576
Stddev	.1086	.0142	.1699	9.902
%RSD	16.83	19.54	17.15	103.4

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1811.4	38422.	9432.5
Stddev	1.3	63.	63.0
%RSD	.07053	.16339	.66747

Sample Name: 460-45869-a-2-b Acquired: 10/16/2012 23:55:43 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.68	1.601	.5509	409.6	-.0155	39180.
Stddev	8.53	1.168	.7181	.7	.0263	76.
%RSD	58.12	72.95	130.4	.1717	170.2	.1927

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1481	2.835	1.973	-.0577	6138.	4960.
Stddev	.0433	.158	.621	1.379	31.	51.
%RSD	29.21	5.555	31.46	2390.	.5088	1.037

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31100.	1303.	91670.	.5503	2.635	-1.947
Stddev	55.	2.	150.	.1285	1.057	1.666
%RSD	.1766	.1438	.1635	23.35	40.11	85.58

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.586	3.856	.2447	2.136	34.10	.3727
Stddev	1.581	1.415	.0768	.170	.20	.5086
%RSD	34.46	36.69	31.40	7.973	.5772	136.5

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

Sample Name: 460-45869-a-2-b Acquired: 10/16/2012 23:55:43 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7781	333.4	1.105	8548.
Stddev	.5578	.4	.144	63.
%RSD	71.69	.1186	13.03	.7328

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1725.0	35918.	9464.4
Stddev	5.7	90.	59.3
%RSD	.32961	.24951	.62649

Sample Name: 460-45869-a-3-b Acquired: 10/16/2012 23:59:22 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.179	2.148	.2033	140.9	-.0022	34450.
Stddev	5.060	1.576	.1349	.2	.0760	37.
%RSD	61.86	73.36	66.35	.1224	3385.	.1070

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1570	2.024	1.513	125.7	-8.148	7186.
Stddev	.0483	.068	.527	.4	6.052	21.
%RSD	30.76	3.339	34.86	.3403	74.27	.2984

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16840.	39.81	138100.	1.524	3.273	-4.216
Stddev	39.	.06	225.	.555	1.234	2.149
%RSD	.2344	.1587	.1631	36.41	37.72	50.98

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.233	5.440	.1965	4.694	25.48	.2006
Stddev	5.552	1.860	.3533	.184	.31	.2181
%RSD	106.1	34.20	179.8	3.928	1.199	108.7

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

Sample Name: 460-45869-a-3-b Acquired: 10/16/2012 23:59:22 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1183	233.5	1.278	9436.
Stddev	.5829	.9	.503	18.
%RSD	492.6	.3944	39.37	.1927

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1729.1	35753.	9372.5
Stddev	2.2	48.	20.5
%RSD	.12719	.13495	.21847

Sample Name: 460-45869-a-4-f Acquired: 10/17/2012 0:03:03 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	243.7	5.673	.1267	67.20	.0064	37930.
Stddev	6.7	2.994	.2346	.28	.0267	54.
%RSD	2.755	52.78	185.2	.4205	418.9	.1436

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0110	-.5361	1.217	1.989	-1.299	6410.
Stddev	.1866	.3663	.342	.336	5.478	3.
%RSD	1691.	68.32	28.06	16.90	421.7	.0521

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	254.9	.1025	140100.	12.99	.9650	-3.749
Stddev	7.0	.0519	367.	.11	.6145	.290
%RSD	2.741	50.69	.2617	.8779	63.68	7.745

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.033	4.926	10.43	1.496	10.42	13.28
Stddev	3.629	2.959	.38	.189	.19	.23
%RSD	89.99	60.07	3.599	12.62	1.844	1.695

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

Sample Name: 460-45869-a-4-f Acquired: 10/17/2012 0:03:03 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0275	954.3	2.006	2433.
Stddev	.2130	1.8	.273	22.
%RSD	773.3	.1937	13.59	.9089

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1724.2	35740.	9451.3
Stddev	.8	74.	41.6
%RSD	.04838	.20765	.43999

Sample Name: 460-45757-h-1-b Acquired: 10/17/2012 0:06:45 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.23	7.765	.2965	213.5	-.0405	91710.
Stddev	9.81	.883	.6297	.2	.0530	339.
%RSD	30.44	11.38	212.4	.0849	130.7	.3699

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4902	.2856	1.116	1.131	7.834	1245.
Stddev	.1598	.1014	.264	.851	2.370	24.
%RSD	32.60	35.52	23.64	75.25	30.25	1.895

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31270.	53.15	33940.	3.168	2.312	-4.026
Stddev	160.	.05	98.	.623	2.052	1.646
%RSD	.5104	.1004	.2888	19.66	88.76	40.90

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.900	1.357	1.294	11.99	105.3	2.450
Stddev	2.378	3.848	.067	.16	.2	.290
%RSD	48.53	283.6	5.166	1.320	.2259	11.83

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

Sample Name: 460-45757-h-1-b Acquired: 10/17/2012 0:06:45 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7398	1873.	4.621	7696.
Stddev	.3007	2.	.403	43.
%RSD	40.64	.1330	8.714	.5538

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1722.1	35909.	9375.2
Stddev	4.1	145.	76.3
%RSD	.23987	.40249	.81337

Sample Name: 460-45757-h-2-b Acquired: 10/17/2012 0:10:25 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36.02	2.578	.3864	218.0	-.0612	140000.
Stddev	7.24	1.329	.8031	.5	.0364	103.
%RSD	20.11	51.57	207.8	.2283	59.60	.0737

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1117	-.2614	1.290	1.220	-9.267	1269.
Stddev	.1356	.1601	.446	2.918	8.995	19.
%RSD	121.3	61.25	34.55	239.2	97.07	1.470

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32800.	3.395	33410.	2.896	.7325	-2.845
Stddev	95.	.030	43.	.300	.6363	1.744
%RSD	.2889	.8955	.1277	10.36	86.86	61.30

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.238	6.219	1.031	3.834	102.1	1.276
Stddev	1.799	2.831	.190	.251	.4	.221
%RSD	19.47	45.52	18.44	6.549	.3957	17.34

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

Sample Name: 460-45757-h-2-b Acquired: 10/17/2012 0:10:25 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.526	475.7	5.750	7961.
Stddev	.463	.3	.521	25.
%RSD	30.34	.0705	9.070	.3081

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1703.9	35548.	9225.2
Stddev	1.7	76.	14.0
%RSD	.10263	.21518	.15192

Sample Name: 460-45757-h-3-b Acquired: 10/17/2012 0:14:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.56	3.355	.1352	96.51	-.0250	115900.
Stddev	8.49	.804	.2653	.08	.0492	157.
%RSD	30.81	23.97	196.2	.0808	197.0	.1350

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2243	-.1282	1.105	3.447	-1.129	1140.
Stddev	.1242	.3902	.118	1.559	4.382	8.
%RSD	55.35	304.4	10.69	45.22	388.2	.6846

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31150.	.8456	38780.	1.523	1.246	-2.823
Stddev	83.	.0840	63.	.403	2.946	1.608
%RSD	.2663	9.931	.1632	26.45	236.5	56.96

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.243	4.013	.8855	7.028	205.9	.6604
Stddev	2.982	1.572	.4977	.074	1.2	.1768
%RSD	70.30	39.18	56.21	1.054	.5655	26.77

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

Sample Name: 460-45757-h-3-b Acquired: 10/17/2012 0:14:05 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7076	689.6	5.778	7635.
Stddev	.9308	.6	.988	29.
%RSD	131.5	.0924	17.11	.3839

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1716.6	35700.	9353.8
Stddev	2.2	118.	44.4
%RSD	.13037	.33147	.47491

Sample Name: 460-45757-h-4-b Acquired: 10/17/2012 0:17:46 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.84	3.780	.6151	327.1	.0125	125800.
Stddev	9.54	1.360	.4555	.2	.0363	259.
%RSD	27.37	35.99	74.05	.0654	289.8	.2056

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0981	.0908	.5221	.9145	-.6448	3286.
Stddev	.0780	.0931	.3189	2.804	8.701	32.
%RSD	79.49	102.6	61.09	306.7	1349.	.9587

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35920.	1418.	49250.	.4808	3.105	-5.679
Stddev	122.	1.	98.	.5377	1.623	2.401
%RSD	.3390	.0944	.1996	111.8	52.28	42.27

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.294	4.475	.2251	2.594	542.4	2.434
Stddev	3.990	1.856	.0625	.082	.8	.455
%RSD	54.70	41.46	27.75	3.152	.1566	18.68

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

Sample Name: 460-45757-h-4-b Acquired: 10/17/2012 0:17:46 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6250	618.5	6.582	7157.
Stddev	.2455	1.8	.466	38.
%RSD	39.28	.2874	7.086	.5374

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1706.5	35626.	9405.4
Stddev	4.2	80.	26.5
%RSD	.24581	.22469	.28135

Sample Name: 460-45836-h-1-b Acquired: 10/17/2012 0:21:24 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.250	2.871	-.3451	69.19	-.0197	7273.
Stddev	6.482	2.173	.2872	.45	.0309	1.
%RSD	70.08	75.69	83.21	.6482	156.8	.0084

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0655	-.3550	4.034	2.363	-.4743	70520.
Stddev	.1389	.1007	.755	2.603	8.873	193.
%RSD	212.1	28.37	18.73	110.2	1871.	.2742

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127.7	.1395	115000.	.9074	.5161	-3.701
Stddev	7.1	.0844	187.	.3688	1.945	3.064
%RSD	5.599	60.52	.1624	40.64	376.8	82.80

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.840	3.416	.2730	2.215	162.8	8.529
Stddev	4.910	2.479	.4143	.005	.1	.089
%RSD	172.9	72.57	151.8	.2110	.0875	1.039

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

Sample Name: 460-45836-h-1-b Acquired: 10/17/2012 0:21:24 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9812	850.4	.3657	1087.
Stddev	.6820	1.3	.6520	11.
%RSD	69.50	.1532	178.3	1.036

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1731.7	35691.	9424.5
Stddev	3.9	32.	35.0
%RSD	.22364	.08907	.37160

Sample Name: 460-45836-h-2-b Acquired: 10/17/2012 0:25:07 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.15	9.423	.2294	141.4	-.0273	64120.
Stddev	5.65	1.298	.6871	.3	.0539	74.
%RSD	31.11	13.77	299.5	.1930	197.3	.1150

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0914	-.3148	.0062	1.068	-5.125	750.8
Stddev	.0948	.0982	.2988	1.706	7.234	52.3
%RSD	103.7	31.20	4813.	159.8	141.2	6.959

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30340.	2.033	26830.	2.203	3.948	-3.662
Stddev	13.	.105	44.	.529	1.490	2.049
%RSD	.0427	5.170	.1650	24.00	37.74	55.95

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.373	2.811	5.084	9.576	143.6	5.714
Stddev	3.708	.800	.690	.113	.7	.317
%RSD	156.3	28.48	13.56	1.181	.4930	5.552

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

Sample Name: 460-45836-h-2-b Acquired: 10/17/2012 0:25:07 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4724	4873.	3.828	8353.
Stddev	.6287	62.	.064	52.
%RSD	133.1	1.266	1.662	.6227

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1740.9	36391.	9458.6
Stddev	1.9	47.	39.5
%RSD	.11063	.12818	.41735

Sample Name: CCV Acquired: 10/17/2012 0:28:59 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124200.	2447.	1227.	10020.	976.9	130700.
Stddev	195.	6.	1.	6.	1.7	229.
%RSD	.1567	.2462	.0444	.0625	.1741	.1752

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1281.	2495.	4909.	12480.	101400.	52420.
Stddev	1.	2.	13.	8.	168.	74.
%RSD	.0744	.0623	.2740	.0609	.1660	.1419

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	5112.	132000.	2474.	7715.	993.2
Stddev	348.	9.	123.	2.	2.	1.4
%RSD	.2795	.1778	.0929	.0922	.0267	.1454

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2464.	2603.	2481.	2480.	973.3	2558.
Stddev	9.	3.	4.	2.	1.8	3.
%RSD	.3633	.1080	.1722	.0943	.1886	.0985

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 0:28:59 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1008.	4992.	10160.	8990.
Stddev	2.	100.	16.	8.
%RSD	.1637	1.994	.1580	.0846

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1652.0	34367.	9169.3
Stddev	1.6	118.	40.1
%RSD	.09551	.34256	.43737

Sample Name: CCB Acquired: 10/17/2012 0:32:29 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.304	2.980	.4227	.0357	.0792	10.42
Stddev	2.653	3.106	.4812	.5563	.1001	13.26
%RSD	28.52	104.2	113.9	1558.	126.4	127.3

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0002	.0027	.8604	.7617	2.475	100.5
Stddev	.1322	.2419	.4666	.2475	5.284	44.7
%RSD	56170.	9025.	54.23	32.49	213.5	44.47

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.742	.4013	56.78	-.1505	.6441	-4.243
Stddev	6.789	.3797	22.78	.2373	1.589	2.029
%RSD	77.66	94.63	40.13	157.7	246.7	47.83

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.702	3.163	-.3592	.3799	1.559	1.406
Stddev	1.821	1.934	.6815	.1617	.337	.460
%RSD	49.19	61.15	189.7	42.56	21.62	32.74

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

Sample Name: CCB Acquired: 10/17/2012 0:32:29 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4620	.4532	1.306	-1.719
Stddev	.6025	.4746	.767	3.277
%RSD	130.4	104.7	58.72	190.6

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1810.3	38180.	9387.5
Stddev	2.4	142.	22.2
%RSD	.13247	.37089	.23697

Sample Name: 460-45763-s-1-d Acquired: 10/17/2012 0:36:15 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	177.7	12.67	.0711	165.3	-.0105	F 517900.
Stddev	12.8	.82	.6262	.4	.0580	9269.
%RSD	7.206	6.509	880.2	.2324	552.8	1.790

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0647	-.5919	-5.556	.0643	10.89	F 175000.
Stddev	.1309	.5946	.196	1.221	3.67	1530.
%RSD	202.2	100.4	3.535	1900.	33.66	.8741

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83570.	18.55	F 1396000.	7.212	6.205	-6.683
Stddev	976.	.08	69190.	.350	.742	.839
%RSD	1.168	.4109	4.956	4.855	11.96	12.56

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.89	-.0127	1.193	1.315	688.1	19.92
Stddev	2.78	1.357	.256	.095	4.0	.16
%RSD	11.62	10660.	21.42	7.232	.5747	.8128

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

Sample Name: 460-45763-s-1-d Acquired: 10/17/2012 0:36:15 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.030	3889.	14.46	2935.
Stddev	1.217	20.	1.11	26.
%RSD	59.94	.5128	7.677	.8908

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1357.7	27557.	8752.8
Stddev	1.4	137.	115.5
%RSD	.10556	.49566	1.3191

Sample Name: 460-45763-s-1-d@20 Acquired: 10/17/2012 0:40:21 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.573	2.649	.7024	8.390	.0078	35140.
Stddev	14.91	.764	.4373	.269	.0696	96.
%RSD	196.9	28.84	62.26	3.207	888.1	.2744

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1562	-.1694	-.3345	.6648	-7.043	8584.
Stddev	.0106	.3012	.1963	1.258	9.482	56.
%RSD	6.814	177.8	58.67	189.3	134.6	.6511

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4405.	.9999	166300.	.5484	2.621	-3.386
Stddev	20.	.0707	852.	.2030	1.427	1.941
%RSD	.4486	7.071	.5120	37.01	54.43	57.33

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.893	1.155	.0796	1.740	35.00	1.581
Stddev	4.376	1.741	.1374	.220	1.13	.228
%RSD	112.4	150.8	172.5	12.64	3.227	14.42

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

Sample Name: 460-45763-s-1-d@20 Acquired: 10/17/2012 0:40:21 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3736	192.5	2.358	111.8
Stddev	.5341	.3	.619	5.9
%RSD	143.0	.1536	26.25	5.237

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1721.4	35360.	9414.6
Stddev	6.0	83.	78.3
%RSD	.34836	.23487	.83191

Sample Name: 460-45763-s-2-b Acquired: 10/17/2012 0:44:11 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84.06	4.818	.3891	313.2	-.0412	F 251300.
Stddev	9.04	.482	.3999	.7	.1075	1350.
%RSD	10.76	9.999	102.8	.2337	260.9	.5372

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0906	-.9075	-2.245	.4236	11.99	F 108200.
Stddev	.1139	.2434	.012	1.407	7.45	226.
%RSD	125.7	26.82	.5184	332.2	62.17	.2091

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	145100.	550.1	F 1154000.	1.921	3.882	-5.371
Stddev	814.	2.2	35660.	.676	2.025	2.923
%RSD	.5612	.4021	3.089	35.21	52.17	54.43

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.80	3.026	1.473	.2341	743.1	.9782
Stddev	3.96	4.108	.631	.0106	.9	.2168
%RSD	33.53	135.8	42.82	4.508	.1144	22.16

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

Sample Name: 460-45763-s-2-b Acquired: 10/17/2012 0:44:11 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7702	3124.	9.920	9316.
Stddev	1.372	2.	1.135	74.
%RSD	178.1	.0684	11.44	.7895

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1443.4	29632.	9153.2
Stddev	1.7	170.	161.9
%RSD	.11556	.57388	1.7684

Sample Name: 460-45763-s-2-b@20 Acquired: 10/17/2012 0:47:58 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-10.75	.9039	.4102	15.74	.0045	13730.
Stddev	9.06	1.566	.6870	.29	.0541	15.
%RSD	84.26	173.2	167.5	1.819	1210.	.1104

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0515	-.5555	-.0153	-1.664	1.923	5378.
Stddev	.0386	.0416	.2709	1.586	3.113	50.
%RSD	74.97	7.492	1774.	95.32	161.8	.9330

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7363.	27.60	103900.	.1507	1.867	-2.529
Stddev	11.	.14	411.	.1332	.171	1.216
%RSD	.1483	.4894	.3956	88.39	9.131	48.10

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7777	3.688	-.0217	1.095	36.98	.0691
Stddev	3.630	.447	.3179	.081	.14	.3821
%RSD	466.8	12.12	1464.	7.391	.3767	553.2

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

Sample Name: 460-45763-s-2-b@20 Acquired: 10/17/2012 0:47:58 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4829	153.4	-.1204	395.3
Stddev	.2907	.2	.9790	5.9
%RSD	60.20	.1493	813.2	1.498

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1746.9	36332.	9544.3
Stddev	2.5	32.	69.4
%RSD	.14117	.08925	.72715

Sample Name: 460-45763-s-3-b@2 Acquired: 10/17/2012 0:51:40 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56.01	3.663	-.0306	70.70	-.0286	158300.
Stddev	3.09	2.908	.4020	.21	.0611	72.
%RSD	5.510	79.39	1314.	.2934	213.4	.0454

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1735	-.8585	-2.827	-.7421	403.2	F 106100.
Stddev	.1832	.4215	.098	1.224	7.1	34.
%RSD	105.6	49.09	3.452	165.0	1.769	.0322

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 288100.	218.4	F 1260000.	1.554	4.517	-8.221
Stddev	347.	.6	42930.	.411	1.389	.827
%RSD	.1203	.2779	3.406	26.47	30.74	10.06

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.695	3.733	.7077	1.034	1077.	4.105
Stddev	2.438	2.263	.7626	.191	2.	.467
%RSD	28.03	60.62	107.8	18.42	.1723	11.38

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

Sample Name: 460-45763-s-3-b@2 Acquired: 10/17/2012 0:51:40 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.890	1990.	5.720	2603.
Stddev	.562	4.	.539	59.
%RSD	29.74	.1774	9.420	2.257

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1420.0	29064.	9146.4
Stddev	6.6	52.	67.1
%RSD	.46566	.17730	.73408

Sample Name: 460-45763-s-3-b@20 Acquired: 10/17/2012 0:55:29 Type: Unk

Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9548	1.632	-.2534	6.947	-.0128	16110.
Stddev	7.780	2.489	.7133	.229	.0313	39.
%RSD	814.8	152.5	281.5	3.294	244.8	.2438

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0479	-.4928	-.4891	-.2945	35.69	10210.
Stddev	.1544	.1363	.2738	2.796	4.66	56.
%RSD	322.2	27.66	55.98	949.3	13.07	.5519

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28190.	21.66	248400.	.1775	1.021	-5.130
Stddev	40.	.16	2976.	.1497	.355	1.672
%RSD	.1414	.7311	1.198	84.37	34.74	32.59

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8197	3.265	-.0350	1.282	105.3	.4679
Stddev	2.184	1.837	.2210	.112	.9	.1362
%RSD	266.4	56.25	630.7	8.706	.8719	29.11

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

Sample Name: 460-45763-s-3-b@20 Acquired: 10/17/2012 0:55:29 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7125	193.5	.1931	221.8
Stddev	.2861	.3	.3317	3.1
%RSD	40.15	.1433	171.7	1.389

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1700.2	35050.	9503.0
Stddev	6.0	9.	27.1
%RSD	.35470	.02602	.28526

Sample Name: 460-45763-s-4-b Acquired: 10/17/2012 0:59:20 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79.08	77.92	.6195	322.7	.0042	225600.
Stddev	11.80	2.32	.5029	.3	.0628	929.
%RSD	14.92	2.978	81.18	.0826	1500.	.4117

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2368	-.2702	-2.030	1.234	884.9	37750.
Stddev	.1396	.2399	.324	1.858	10.6	189.
%RSD	58.96	88.78	15.94	150.6	1.194	.5011

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57780.	1996.	F 859100.	2.312	2.585	-6.474
Stddev	122.	4.	20650.	.473	.151	.746
%RSD	.2104	.2110	2.404	20.45	5.853	11.52

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.625	2.313	2.000	1.269	394.7	3.471
Stddev	.169	1.182	.475	.075	.4	.338
%RSD	1.758	51.10	23.76	5.953	.0988	9.742

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

Sample Name: 460-45763-s-4-b Acquired: 10/17/2012 0:59:20 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.095	2276.	9.372	10560.
Stddev	.238	4.	.725	39.
%RSD	21.78	.1554	7.740	.3715

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1536.5	31596.	9366.2
Stddev	3.2	127.	74.3
%RSD	.21068	.40219	.79361

Sample Name: 460-45763-s-4-b@10 Acquired: 10/17/2012 1:03:07 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6422	9.741	-.5211	32.34	.0197	24500.
Stddev	3.206	2.328	.2856	.04	.0435	55.
%RSD	499.2	23.90	54.82	.1191	220.4	.2236

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1402	-.5241	.2411	-1.691	89.45	3777.
Stddev	.0571	.2097	.4682	.940	3.85	36.
%RSD	40.76	40.02	194.1	55.60	4.309	.9541

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5906.	202.3	115900.	.1956	1.246	-1.441
Stddev	6.	.5	387.	.5790	1.029	1.053
%RSD	.0975	.2697	.3338	296.1	82.57	73.07

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.000	3.223	.2999	.5894	40.29	.1076
Stddev	2.421	.130	.4175	.1097	.60	.4661
%RSD	121.1	4.033	139.2	18.62	1.496	433.2

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

Sample Name: 460-45763-s-4-b@10 Acquired: 10/17/2012 1:03:07 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0763	224.7	1.031	934.9
Stddev	.4535	.2	.204	9.8
%RSD	594.5	.1110	19.84	1.048

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1748.8	36445.	9674.1
Stddev	4.5	43.	101.4
%RSD	.25907	.11698	1.0485

Sample Name: 460-45763-s-5-b Acquired: 10/17/2012 1:06:49 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.72	4.975	-.0414	174.8	-.0006	117000.
Stddev	6.92	1.067	.4442	.5	.0673	280.
%RSD	16.21	21.44	1074.	.2689	11050.	.2394

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0028	-.6125	.1440	-.8067	132.6	46670.
Stddev	.1397	.2332	.8473	2.560	11.1	239.
%RSD	5055.	38.07	588.5	317.3	8.372	.5123

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53290.	600.2	F 708500.	2.328	1.564	-6.106
Stddev	123.	1.4	11640.	1.047	1.745	2.295
%RSD	.2313	.2264	1.643	45.00	111.5	37.58

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.632	6.153	6.266	1.034	440.0	2.329
Stddev	2.908	3.091	.224	.086	.4	.142
%RSD	80.07	50.23	3.567	8.300	.0826	6.120

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

Sample Name: 460-45763-s-5-b Acquired: 10/17/2012 1:06:49 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5722	1538.	9.316	13440.
Stddev	.4240	2.	.199	65.
%RSD	74.11	.1547	2.135	.4807

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1573.0	32624.	9531.5
Stddev	1.0	39.	21.6
%RSD	.06160	.11840	.22694

Sample Name: 460-45763-s-5-b@10 Acquired: 10/17/2012 1:10:36 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.965	1.501	.0031	17.49	-.0004	11950.
Stddev	.567	1.339	.6720	.28	.0570	15.
%RSD	8.147	89.22	21420.	1.623	13610.	.1283

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1508	-.5788	.0781	-.4160	8.861	4678.
Stddev	.0637	.1083	.5221	1.791	10.27	46.
%RSD	42.24	18.71	668.8	430.7	115.9	.9886

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5434.	60.02	89370.	.4137	.3708	-.8742
Stddev	22.	.18	202.	.0519	1.388	.9756
%RSD	.4010	.2999	.2261	12.54	374.3	111.6

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.172	2.339	.6053	.7563	43.96	.5038
Stddev	3.765	1.657	.4628	.1677	.36	.1510
%RSD	321.3	70.83	76.45	22.17	.8145	29.97

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

Sample Name: 460-45763-s-5-b@10 Acquired: 10/17/2012 1:10:36 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9804	151.8	.5064	1205.
Stddev	.7235	.2	.7155	9.
%RSD	73.80	.1160	141.3	.7171

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1760.9	36896.	9765.0
Stddev	4.6	96.	44.6
%RSD	.26014	.26017	.45654

Sample Name: CCV Acquired: 10/17/2012 1:14:19 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122500.	2430.	1213.	9914.	959.3	128800.
Stddev	345.	4.	1.	14.	2.5	291.
%RSD	.2814	.1707	.0985	.1392	.2657	.2259

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1257.	2460.	4826.	12280.	99290.	51860.
Stddev	.	4.	9.	24.	141.	101.
%RSD	.0166	.1578	.1780	.1972	.1416	.1942

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	5009.	130900.	2445.	7576.	977.4
Stddev	179.	4.	356.	5.	10.	7.4
%RSD	.1474	.0742	.2720	.1972	.1346	.7560

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2442.	2562.	2441.	2417.	969.0	2524.
Stddev	10.	1.	1.	4.	2.2	3.
%RSD	.4083	.0373	.0446	.1830	.2307	.1063

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 1:14:19 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	989.4	4946.	9996.	9027.
Stddev	2.2	22.	30.	25.
%RSD	.2253	.4495	.2967	.2760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1665.1	34900.	9480.3
Stddev	.4	92.	55.7
%RSD	.02471	.26268	.58747

Sample Name: CCB Acquired: 10/17/2012 1:17:48 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.024	1.653	.1031	.5009	.0757	-.5053
Stddev	13.09	.196	.6764	.4253	.0647	14.81
%RSD	325.2	11.86	656.3	84.89	85.54	2932.

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1197	-.3986	.3967	1.962	-6.210	149.5
Stddev	.0815	.1331	.2390	1.377	1.921	43.2
%RSD	68.09	33.39	60.26	70.16	30.93	28.89

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.399	.3302	233.4	-.2211	2.068	-.0578
Stddev	3.643	.3094	22.4	.3287	2.096	.4822
%RSD	38.76	93.71	9.582	148.6	101.3	834.5

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.514	3.401	-.1100	.2823	1.469	1.846
Stddev	5.017	2.730	.2870	.0298	.576	.385
%RSD	331.4	80.29	260.8	10.57	39.22	20.87

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

Sample Name: CCB Acquired: 10/17/2012 1:17:48 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5428	.4311	.6433	1.293
Stddev	.2321	.3973	.8661	2.046
%RSD	42.76	92.16	134.6	158.2

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1824.4	39014.	9670.9
Stddev	1.4	66.	16.2
%RSD	.07727	.16975	.16716

Sample Name: 460-45763-s-6-b Acquired: 10/17/2012 1:21:34 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.60	1.861	.4440	198.1	.0243	138400.
Stddev	15.24	.632	.4071	.5	.0551	247.
%RSD	28.44	33.97	91.68	.2513	227.1	.1785

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1129	-.4372	-.4121	1.903	296.6	61690.
Stddev	.0391	.1950	.6196	2.590	12.3	81.
%RSD	34.61	44.61	150.3	136.1	4.134	.1317

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33330.	252.3	F 715900.	2.482	2.900	-5.336
Stddev	72.	.5	6164.	.817	.716	2.034
%RSD	.2161	.2013	.8610	32.91	24.68	38.12

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.665	1.236	2.842	.9116	428.8	6.363
Stddev	5.250	1.170	.456	.1319	1.3	.259
%RSD	68.50	94.63	16.03	14.47	.2924	4.068

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

Sample Name: 460-45763-s-6-b Acquired: 10/17/2012 1:21:34 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9551	1605.	9.538	12550.
Stddev	.3688	1.	.454	16.
%RSD	38.61	.0387	4.755	.1288

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1584.7	32708.	9583.0
Stddev	3.0	45.	14.9
%RSD	.18849	.13619	.15546

Sample Name: 460-45763-s-6-b@5 Acquired: 10/17/2012 1:25:21 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.60	1.592	.0913	38.97	-.0272	28140.
Stddev	8.36	.723	.3961	.18	.0136	20.
%RSD	72.04	45.43	433.7	.4494	50.02	.0726

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1338	-.3655	.3944	-1.243	55.03	11920.
Stddev	.0558	.3068	.2860	.505	11.88	18.
%RSD	41.68	83.94	72.52	40.67	21.58	.1484

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6688.	49.06	169800.	.6739	.0192	-3.817
Stddev	24.	.29	441.	.7176	1.732	1.476
%RSD	.3535	.5882	.2599	106.5	9022.	38.66

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.297	3.540	.5832	.6714	83.85	1.174
Stddev	3.128	1.131	.1471	.1411	.32	.218
%RSD	136.2	31.95	25.23	21.02	.3796	18.56

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

Sample Name: 460-45763-s-6-b@5 Acquired: 10/17/2012 1:25:21 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4280	311.2	1.569	2248.
Stddev	1.038	.7	.322	19.
%RSD	242.4	.2305	20.54	.8359

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1732.6	36000.	9708.6
Stddev	3.0	112.	72.9
%RSD	.17329	.31081	.75055

Sample Name: 460-45763-s-7-b Acquired: 10/17/2012 1:29:11 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57.99	1.658	.2317	204.3	-.0164	141800.
Stddev	7.26	.957	.9042	.2	.0121	257.
%RSD	12.52	57.71	390.2	.1041	73.67	.1814

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0710	-.7206	-.3458	.6338	338.6	63590.
Stddev	.1683	.2436	.1883	2.587	8.3	90.
%RSD	236.9	33.80	54.45	408.2	2.465	.1412

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34360.	260.6	F 718300.	2.682	6.269	-6.029
Stddev	82.	1.1	16060.	.404	.808	4.659
%RSD	.2385	.4389	2.236	15.07	12.89	77.29

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.875	6.105	2.434	1.690	445.3	6.263
Stddev	1.393	1.626	.165	.252	1.5	.132
%RSD	20.27	26.64	6.789	14.89	.3266	2.100

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

Sample Name: 460-45763-s-7-b Acquired: 10/17/2012 1:29:11 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.549	1656.	8.356	13040.
Stddev	.950	1.	.306	52.
%RSD	61.33	.0687	3.660	.4019

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1580.4	32718.	9602.9
Stddev	1.3	61.	21.8
%RSD	.08110	.18680	.22696

Sample Name: 460-45763-s-7-b@5 Acquired: 10/17/2012 1:32:58 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.419	1.719	.2376	40.46	-.0190	29080.
Stddev	6.748	.848	.1248	.31	.0664	11.
%RSD	279.0	49.34	52.52	.7596	348.6	.0381

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1157	-.2910	.0291	-.9113	64.81	12420.
Stddev	.0802	.0997	.3167	.4447	7.22	31.
%RSD	69.35	34.27	1089.	48.79	11.14	.2533

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6964.	51.44	173200.	.2762	2.177	-1.948
Stddev	14.	.23	1026.	.1969	.654	2.358
%RSD	.1949	.4462	.5922	71.30	30.05	121.1

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.668	2.801	.2559	.9615	87.66	1.136
Stddev	1.875	2.411	.3353	.1630	.76	.136
%RSD	112.4	86.08	131.0	16.95	.8620	12.00

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

Sample Name: 460-45763-s-7-b@5 Acquired: 10/17/2012 1:32:58 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6839	322.7	1.707	2390.
Stddev	.7732	.6	.438	11.
%RSD	113.1	.1723	25.64	.4715

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1727.1	36150.	9937.3
Stddev	2.5	51.	36.7
%RSD	.14285	.14187	.36901

Sample Name: 460-45803-b-1-h du@4 Acquired: 10/17/2012 1:36:48 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16810.	22.34	-.0419	88.49	1.004	36510.
Stddev	30.	2.24	.5148	.22	.020	45.
%RSD	.1813	10.05	1229.	.2505	1.953	.1239

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7413	9.799	58.85	106.5	43800.	3083.
Stddev	.2043	.061	.89	1.3	216.	21.
%RSD	27.55	.6187	1.520	1.198	.4926	.6740

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7685.	476.0	1168.	18.37	101.1	-2.510
Stddev	53.	1.4	57.	.27	1.8	1.451
%RSD	.6902	.2871	4.888	1.487	1.750	57.81

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3806	2.041	80.34	125.5	20.48	1.690
Stddev	2.742	4.176	.51	.4	.42	.317
%RSD	720.4	204.6	.6333	.2920	2.064	18.75

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

Sample Name: 460-45803-b-1-h du@4 Acquired: 10/17/2012 1:36:48 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.91	155.5	370.4	1623.
Stddev	.87	.3	1.0	53.
%RSD	6.770	.1616	.2770	3.287

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1811.1	38617.	10104.
Stddev	9.2	58.	63.
%RSD	.50927	.14961	.62558

Sample Name: 460-45803-b-1-g@4 Acquired: 10/17/2012 1:40:25 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16740.	23.89	-.0446	88.00	1.014	36310.
Stddev	8.	1.62	.4751	.26	.042	54.
%RSD	.0475	6.782	1065.	.2923	4.160	.1477

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7633	9.796	58.80	105.1	43630.	3023.
Stddev	.0745	.264	.33	2.0	31.	16.
%RSD	9.755	2.697	.5571	1.899	.0710	.5147

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7642.	472.0	1070.	18.21	100.5	-4.061
Stddev	22.	.4	13.	.28	.8	.285
%RSD	.2882	.0875	1.198	1.559	.8418	7.011

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.291	4.154	79.44	125.2	20.33	1.874
Stddev	5.996	3.177	.33	.3	.45	.162
%RSD	464.5	76.49	.4125	.2009	2.205	8.634

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

Sample Name: 460-45803-b-1-g@4 Acquired: 10/17/2012 1:40:25 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.26	154.7	366.3	1614.
Stddev	.34	.1	1.9	70.
%RSD	2.576	.0732	.5268	4.325

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1814.2	38786.	10133.
Stddev	1.7	119.	29.
%RSD	.09411	.30675	.29044

Sample Name: sd 460-45803-b-1-g@2 Acquired: 10/17/2012 1:44:04 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3239.	5.147	.5748	17.11	.2111	7068.
Stddev	3.	2.019	.3165	.17	.0211	7.
%RSD	.0805	39.22	55.06	1.007	9.980	.0941

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1910	1.419	11.87	19.22	8642.	656.5
Stddev	.0817	.356	.20	2.00	26.	20.2
%RSD	42.74	25.10	1.644	10.42	.3008	3.072

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1528.	93.23	337.9	4.056	21.29	-2.126
Stddev	2.	.02	5.8	.892	1.66	.734
%RSD	.1063	.0260	1.730	21.99	7.808	34.51

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.665	1.369	15.12	24.93	4.563	.5046
Stddev	1.378	1.889	.36	.12	.565	.3883
%RSD	82.76	138.0	2.399	.4666	12.38	76.96

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

Sample Name: sd 460-45803-b-1-g@2 Acquired: 10/17/2012 1:44:04 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.171	30.10	70.59	296.0
Stddev	.906	.06	.74	11.3
%RSD	28.56	.1979	1.048	3.805

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1848.3	39469.	10032.
Stddev	5.0	37.	35.
%RSD	.27002	.09476	.35222

Sample Name: 460-45803-b-1-i ms@4 Acquired: 10/17/2012 1:47:46 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25700.	965.0	23.17	1162.	25.98	62570.
Stddev	60.	.7	.47	1.	.13	118.
%RSD	.2338	.0729	2.015	.1108	.5115	.1886

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.41	261.6	157.3	170.9	42680.	14950.
Stddev	.09	.5	.6	1.7	57.	73.
%RSD	.3454	.1988	.3837	1.016	.1339	.4909

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17610.	633.5	12020.	277.6	364.8	163.7
Stddev	51.	.6	20.	.9	1.7	.9
%RSD	.2886	.0870	.1665	.3371	.4677	.5542

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	942.6	1099.	325.8	413.5	275.4	248.3
Stddev	3.4	2.	1.0	.3	.7	.1
%RSD	.3578	.1664	.2977	.0746	.2563	.0587

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

Sample Name: 460-45803-b-1-i ms@4 Acquired: 10/17/2012 1:47:46 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	253.0	493.8	754.5	2163.
Stddev	1.4	.4	1.9	15.
%RSD	.5681	.0849	.2498	.6841

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1789.0	37974.	10004.
Stddev	4.4	112.	23.
%RSD	.24635	.29478	.23407

Sample Name: pds 460-45803-b-1-g@ Acquired: 10/17/2012 1:51:20 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18770.	1809.	44.50	2024.	47.16	57100.
Stddev	18.	3.	.43	3.	.09	51.
%RSD	.0971	.1497	.9581	.1443	.1955	.0901

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.62	481.0	242.2	335.4	44650.	22740.
Stddev	.10	.6	.4	1.5	58.	36.
%RSD	.2056	.1312	.1766	.4421	.1290	.1572

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25660.	951.2	21440.	485.5	580.0	427.5
Stddev	72.	1.1	9.	1.1	1.4	5.2
%RSD	.2790	.1107	.0411	.2269	.2404	1.219

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1776.	2043.	540.2	581.2	478.0	469.2
Stddev	3.	3.	1.4	1.6	2.4	1.0
%RSD	.1865	.1539	.2550	.2822	.4957	.2129

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

Sample Name: pds 460-45803-b-1-g@ Acquired: 10/17/2012 1:51:20 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	480.6	616.9	842.1	1724.
Stddev	2.1	1.0	1.4	40.
%RSD	.4337	.1609	.1694	2.335

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1781.8	37921.	9944.3
Stddev	3.6	33.	14.5
%RSD	.20096	.08742	.14567

Sample Name: lcssrm 460-132139/2- Acquired: 10/17/2012 1:54:49 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26300.	797.2	198.2	1030.	533.8	36100.
Stddev	43.	4.3	1.2	1.	.6	69.
%RSD	.1654	.5341	.5891	.0887	.1191	.1907

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	551.4	695.8	574.7	593.8	55600.	13300.
Stddev	.9	.8	.4	1.1	118.	16.
%RSD	.1677	.1157	.0692	.1866	.2129	.1240

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10850.	1761.	1763.	365.5	395.8	1012.
Stddev	39.	3.	6.	.8	1.3	4.
%RSD	.3597	.1492	.3165	.2254	.3399	.4400

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	613.7	1164.	419.0	1356.	410.5	361.7
Stddev	8.6	6.	.8	1.	1.3	.8
%RSD	1.407	.4882	.1821	.0787	.3184	.2139

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

Sample Name: lcssrm 460-132139/2- Acquired: 10/17/2012 1:54:49 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	715.4	652.7	756.4	1883.
Stddev	2.2	.9	.8	23.
%RSD	.3060	.1412	.1115	1.235

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1866.5	39887.	10413.
Stddev	1.5	86.	56.
%RSD	.08048	.21487	.53785

Sample Name: CCV Acquired: 10/17/2012 1:58:16 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	2454.	1219.	9966.	960.7	129200.
Stddev	137.	10.	2.	23.	2.2	189.
%RSD	.1115	.3883	.1964	.2286	.2285	.1459

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1269.	2479.	4814.	12370.	99600.	52500.
Stddev	2.	5.	7.	23.	147.	143.
%RSD	.1965	.1879	.1528	.1824	.1477	.2718

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	5028.	131900.	2452.	7626.	997.3
Stddev	232.	4.	268.	8.	21.	1.5
%RSD	.1917	.0881	.2032	.3163	.2806	.1471

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2470.	2593.	2450.	2421.	975.4	2556.
Stddev	4.	8.	1.	10.	.7	2.
%RSD	.1521	.3030	.0513	.4302	.0672	.0797

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 1:58:16 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.1	4972.	10070.	9066.
Stddev	2.5	47.	18.	29.
%RSD	.2452	.9498	.1794	.3243

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1667.2	35274.	9605.5
Stddev	2.3	70.	28.9
%RSD	.14024	.19895	.30122

Sample Name: CCB Acquired: 10/17/2012 2:01:46 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4170	2.340	.4752	.4982	.0980	-1.801
Stddev	13.76	.743	.5374	.4114	.0595	18.20
%RSD	3300.	31.77	113.1	82.57	60.74	1010.

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0731	-.1546	.3167	1.649	1.969	122.4
Stddev	.0608	.3563	.3881	.834	6.856	44.3
%RSD	83.23	230.5	122.5	50.59	348.1	36.22

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.04	.3600	97.78	.3078	1.480	-.3992
Stddev	5.58	.3135	24.40	.0555	.545	2.199
%RSD	55.55	87.09	24.95	18.04	36.79	550.8

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.148	5.152	-.1233	.1480	2.005	1.996
Stddev	3.482	1.621	.4711	.0461	.297	.317
%RSD	303.3	31.47	381.9	31.17	14.83	15.87

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

Sample Name: CCB Acquired: 10/17/2012 2:01:46 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5805	.4263	1.265	4.966
Stddev	.5359	.4839	.634	7.175
%RSD	92.31	113.5	50.11	144.5

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1838.4	39374.	9880.0
Stddev	2.5	39.	34.1
%RSD	.13612	.09891	.34552

Sample Name: mb 460-132139/1-a@2 Acquired: 10/17/2012 2:05:32 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.566	1.758	.2456	-.2052	.0331	32.83
Stddev	9.119	1.034	.4805	.0885	.0177	3.49
%RSD	106.5	58.84	195.7	43.13	53.45	10.63

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0490	-.3614	.4813	-.0262	-9.246	71.11
Stddev	.0854	.3190	.0973	3.340	4.569	5.94
%RSD	174.2	88.27	20.21	12770.	49.41	8.357

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.412	.0569	95.57	.0851	1.621	-3.614
Stddev	4.384	.0364	1.55	.4271	.220	.727
%RSD	181.8	63.95	1.619	501.7	13.58	20.12

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.229	2.031	-.4872	.8653	3.921	.9602
Stddev	2.000	3.126	.4483	.1004	.506	.3599
%RSD	61.93	153.9	92.02	11.60	12.90	37.48

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

Sample Name: mb 460-132139/1-a@2 Acquired: 10/17/2012 2:05:32 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9429	.2368	.6970	14.74
Stddev	.2662	.0555	.2464	12.38
%RSD	28.23	23.43	35.35	83.97

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1801.2	38710.	9633.8
Stddev	14.0	325.	67.0
%RSD	.77778	.83914	.69565

Sample Name: 460-45812-a-1-b@4 Acquired: 10/17/2012 2:09:15 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32550.	20.01	-4262	343.6	1.300	53990.
Stddev	48.	.75	.1141	.7	.053	59.
%RSD	.1463	3.772	26.78	.2132	4.083	.1090

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.066	42.43	169.0	234.3	59060.	10870.
Stddev	.080	.47	.7	1.4	41.	28.
%RSD	7.534	1.113	.4158	.6006	.0688	.2585

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32660.	1360.	3111.	84.33	76.79	-1.742
Stddev	55.	1.	11.	.28	1.37	1.379
%RSD	.1672	.0794	.3517	.3318	1.781	79.13

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.728	2.982	114.9	610.8	59.13	31.65
Stddev	3.339	1.418	.7	.4	.05	.14
%RSD	122.4	47.55	.6237	.0636	.0800	.4349

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

Sample Name: 460-45812-a-1-b@4 Acquired: 10/17/2012 2:09:15 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.758	224.6	1944.	939.7
Stddev	.808	.5	7.	18.3
%RSD	16.99	.2413	.3472	1.944

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1935.4	41286.	10997.
Stddev	1.8	96.	67.
%RSD	.09271	.23269	.61376

Sample Name: 460-45812-a-2-b@4 Acquired: 10/17/2012 2:12:51 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44490.	27.33	-7.923	207.2	1.656	23720.
Stddev	14.	.36	.3058	.4	.024	31.
%RSD	.0305	1.309	38.60	.1819	1.449	.1289

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.411	36.92	75.66	167.1	82060.	3656.
Stddev	.087	.29	.74	2.8	193.	14.
%RSD	6.190	.7754	.9829	1.660	.2347	.3787

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17990.	1400.	1892.	67.53	194.8	1.658
Stddev	41.	2.	5.	.66	.6	.032
%RSD	.2275	.1766	.2434	.9728	.3170	1.946

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0715	-.1872	122.7	390.8	46.04	4.864
Stddev	3.123	.6357	.4	.3	.98	.253
%RSD	4370.	339.6	.3358	.0688	2.121	5.201

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

Sample Name: 460-45812-a-2-b@4 Acquired: 10/17/2012 2:12:51 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.733	136.4	1401.	886.5
Stddev	.224	.2	2.	6.6
%RSD	3.332	.1609	.1150	.7475

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1898.9	40348.	10538.
Stddev	4.7	177.	35.
%RSD	.24973	.43761	.33160

Sample Name: 460-45812-a-3-b@4 Acquired: 10/17/2012 2:16:27 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39340.	24.61	-.5969	194.8	1.392	41360.
Stddev	36.	1.70	.3997	.2	.009	23.
%RSD	.0922	6.908	66.97	.1278	.6635	.0562

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.784	36.28	72.84	138.2	80530.	3326.
Stddev	.032	.27	.54	2.3	37.	3.
%RSD	1.777	.7463	.7379	1.661	.0464	.0959

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23470.	1226.	1356.	50.27	147.2	-3.680
Stddev	29.	1.	5.	.35	.2	.914
%RSD	.1252	.0842	.3547	.6995	.1460	24.85

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3291	4.136	125.5	299.6	68.02	3.626
Stddev	1.838	4.031	.0	.2	.74	.382
%RSD	558.4	97.47	.0338	.0612	1.089	10.54

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

Sample Name: 460-45812-a-3-b@4 Acquired: 10/17/2012 2:16:27 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.019	131.9	1346.	850.0
Stddev	1.141	.2	1.	6.8
%RSD	28.38	.1522	.0527	.8045

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1875.0	39807.	10437.
Stddev	4.2	119.	88.
%RSD	.22567	.29847	.84714

Sample Name: 460-45812-a-4-b@4 Acquired: 10/17/2012 2:20:04 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45560.	35.04	-.2366	247.8	1.892	41680.
Stddev	42.	.99	.0792	.9	.013	50.
%RSD	.0930	2.821	33.46	.3438	.6591	.1205

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.402	37.85	73.12	261.0	92420.	4096.
Stddev	.228	.18	.25	2.2	112.	14.
%RSD	6.714	.4633	.3415	.8287	.1206	.3450

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24360.	1628.	1477.	80.45	223.1	-.3565
Stddev	40.	1.	9.	.28	1.6	1.916
%RSD	.1661	.0680	.6203	.3435	.7366	537.6

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.568	.0022	144.6	404.0	43.24	5.433
Stddev	2.099	1.162	.6	.5	.88	.351
%RSD	133.9	53790.	.4490	.1217	2.033	6.464

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

Sample Name: 460-45812-a-4-b@4 Acquired: 10/17/2012 2:20:04 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.66	153.1	1490.	1124.
Stddev	.19	.2	5.	6.
%RSD	1.192	.1108	.3324	.5242

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1881.2	40077.	10549.
Stddev	3.0	185.	42.
%RSD	.15707	.46088	.39686

Sample Name: 460-45812-a-5-b@4 Acquired: 10/17/2012 2:23:40 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34520.	20.89	-.0987	118.7	1.110	16540.
Stddev	41.	1.13	.6210	.3	.008	18.
%RSD	.1188	5.415	629.4	.2554	.7193	.1084

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9960	37.32	48.75	139.5	77280.	2828.
Stddev	.2204	.30	.21	1.8	223.	7.
%RSD	22.13	.8016	.4209	1.274	.2887	.2518

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12400.	1262.	1863.	44.48	87.17	-4.390
Stddev	65.	3.	7.	.52	.34	.718
%RSD	.5256	.2096	.3579	1.159	.3903	16.35

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6826	.7903	153.4	222.0	54.58	5.154
Stddev	1.787	1.276	.7	.7	.66	.058
%RSD	261.8	161.5	.4567	.3066	1.215	1.125

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

Sample Name: 460-45812-a-5-b@4 Acquired: 10/17/2012 2:23:40 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.046	79.61	1107.	669.1
Stddev	.390	.16	.	3.9
%RSD	7.735	.1993	.0435	.5846

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1884.1	40102.	10441.
Stddev	3.0	25.	77.
%RSD	.16095	.06307	.73370

Sample Name: 460-45812-a-6-b@4 Acquired: 10/17/2012 2:27:19 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33960.	15.44	.1407	172.4	1.165	13270.
Stddev	72.	1.57	.1770	.3	.028	10.
%RSD	.2105	10.19	125.8	.1593	2.399	.0783

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.073	35.21	59.05	137.6	71100.	3382.
Stddev	.115	.34	.29	1.1	112.	16.
%RSD	10.68	.9603	.4860	.8103	.1572	.4652

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13610.	1086.	898.3	41.93	114.0	-4.419
Stddev	27.	1.	4.8	.55	2.3	2.155
%RSD	.1949	.1046	.5296	1.308	2.000	48.78

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9718	1.161	111.7	306.6	194.2	2.231
Stddev	3.063	3.385	.2	.5	.6	.212
%RSD	315.2	291.6	.1784	.1702	.2858	9.520

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

Sample Name: 460-45812-a-6-b@4 Acquired: 10/17/2012 2:27:19 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.946	59.67	1419.	766.9
Stddev	.170	.08	2.	7.9
%RSD	2.136	.1278	.1347	1.034

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1885.7	40236.	10449.
Stddev	2.7	82.	52.
%RSD	.14330	.20321	.49576

Sample Name: 460-45812-a-7-b@4 Acquired: 10/17/2012 2:30:55 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3025.	5.061	.3499	147.5	.2013	19490.
Stddev	14.	1.942	.8870	.2	.0153	10.
%RSD	.4637	38.37	253.5	.1235	7.585	.0490

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.070	1.779	8.433	27.79	4908.	543.9
Stddev	.057	.144	.391	2.02	12.	13.2
%RSD	5.291	8.097	4.639	7.254	.2351	2.430

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3330.	239.4	141.9	7.614	23.84	-1.838
Stddev	18.	.6	2.7	.418	.64	1.760
%RSD	.5455	.2313	1.897	5.486	2.697	95.75

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6368	3.401	8.840	110.5	17.14	1.084
Stddev	1.999	2.230	.294	.1	.14	.354
%RSD	313.9	65.58	3.321	.0887	.8087	32.68

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

Sample Name: 460-45812-a-7-b@4 Acquired: 10/17/2012 2:30:55 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.442	72.08	111.3	565.6
Stddev	.500	.04	.1	9.4
%RSD	34.69	.0624	.0544	1.654

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1829.5	39463.	10110.
Stddev	2.1	47.	55.
%RSD	.11610	.11868	.54849

Sample Name: 460-45812-a-8-b@4 Acquired: 10/17/2012 2:34:35 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20140.	9.471	.0001	158.4	.6587	25150.
Stddev	40.	1.142	.8995	.3	.0805	47.
%RSD	.1975	12.05	1532000.	.2072	12.23	.1877

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.768	17.18	33.36	89.42	43850.	3263.
Stddev	.072	.23	.51	.93	120.	5.
%RSD	4.092	1.335	1.530	1.044	.2726	.1391

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8072.	577.4	1160.	28.77	91.62	-5.455
Stddev	27.	1.5	3.	.27	1.20	1.086
%RSD	.3383	.2516	.2680	.9420	1.313	19.91

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.762	4.878	92.58	196.5	41.05	2.059
Stddev	3.687	2.289	.30	.5	.22	.100
%RSD	133.5	46.92	.3237	.2387	.5274	4.877

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

Sample Name: 460-45812-a-8-b@4 Acquired: 10/17/2012 2:34:35 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.218	97.87	1307.	1014.
Stddev	.808	.02	4.	.
%RSD	15.48	.0201	.3091	.0405

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1857.5	40025.	10376.
Stddev	2.8	53.	35.
%RSD	.14969	.13262	.34127

Sample Name: 460-45812-a-9-b@4 Acquired: 10/17/2012 2:38:12 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20930.	11.33	-.4605	121.9	.8589	20640.
Stddev	36.	1.25	.1905	.1	.0541	26.
%RSD	.1707	11.01	41.37	.0543	6.299	.1252

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.126	14.08	37.29	78.88	43540.	4477.
Stddev	.121	.36	.60	3.10	110.	20.
%RSD	10.73	2.542	1.604	3.928	.2535	.4356

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10300.	572.4	561.7	30.13	76.37	-2.323
Stddev	69.	1.1	5.3	.63	1.08	1.338
%RSD	.6680	.1855	.9465	2.099	1.418	57.59

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.494	1.972	83.30	284.1	14.96	1.188
Stddev	2.469	.501	.29	.2	.83	.089
%RSD	98.99	25.43	.3474	.0689	5.570	7.531

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

Sample Name: 460-45812-a-9-b@4 Acquired: 10/17/2012 2:38:12 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.422	59.66	815.9	921.8
Stddev	.251	.11	.9	10.4
%RSD	7.332	.1821	.1118	1.131

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1874.1	40203.	10401.
Stddev	3.5	67.	46.
%RSD	.18805	.16634	.44096

Sample Name: CCV Acquired: 10/17/2012 2:41:51 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	2429.	1215.	9942.	955.7	129000.
Stddev	165.	14.	1.	9.	1.0	298.
%RSD	.1349	.5700	.0958	.0882	.1044	.2307

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1263.	2466.	4809.	12310.	99280.	52430.
Stddev	1.	3.	17.	11.	286.	98.
%RSD	.0971	.1264	.3582	.0900	.2885	.1876

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120700.	5009.	131600.	2443.	7594.	982.9
Stddev	300.	9.	275.	1.	8.	2.0
%RSD	.2487	.1845	.2086	.0538	.1011	.2058

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2441.	2571.	2442.	2415.	970.9	2540.
Stddev	5.	6.	3.	1.	1.3	1.
%RSD	.1877	.2463	.1208	.0580	.1303	.0457

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 2:41:51 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	991.6	4993.	10010.	9003.
Stddev	1.1	39.	16.	71.
%RSD	.1155	.7731	.1635	.7888

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1674.2	35361.	9590.8
Stddev	2.7	67.	47.1
%RSD	.15906	.19061	.49097

Sample Name: CCB Acquired: 10/17/2012 2:45:22 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.888	2.140	.2569	.5159	.0754	5.838
Stddev	11.41	1.864	.4159	.3971	.0654	8.562
%RSD	193.8	87.09	161.9	76.98	86.67	146.7

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1254	-.3026	.4401	-.2812	6.046	125.5
Stddev	.2238	.4493	.5465	1.168	2.398	22.1
%RSD	178.5	148.5	124.2	415.2	39.66	17.60

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.665	.2740	54.24	-.1684	2.527	-1.383
Stddev	3.070	.3276	21.89	.5278	1.896	1.003
%RSD	46.06	119.5	40.35	313.4	75.02	72.48

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.433	6.181	.1486	.1518	1.323	1.915
Stddev	2.147	2.033	.3394	.0406	.959	.505
%RSD	88.26	32.89	228.3	26.76	72.53	26.38

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

Sample Name: CCB Acquired: 10/17/2012 2:45:22 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6335	.4440	1.192	1.185
Stddev	.5994	.4556	.219	3.442
%RSD	94.61	102.6	18.39	290.5

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1848.7	39669.	9868.9
Stddev	2.2	91.	32.0
%RSD	.12124	.23045	.32425

Sample Name: 460-45812-a-10-b@4 Acquired: 10/17/2012 2:49:07 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25240.	13.64	.0204	149.5	1.234	160900.
Stddev	24.	2.27	.6154	.2	.045	445.
%RSD	.0951	16.66	3022.	.1284	3.646	.2766

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.061	19.77	49.18	124.4	58900.	5139.
Stddev	.123	.12	.31	1.0	93.	18.
%RSD	11.56	.6262	.6238	.7932	.1584	.3472

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42170.	964.1	2092.	46.49	69.91	-6.189
Stddev	175.	1.9	10.	.53	1.93	1.530
%RSD	.4148	.1966	.4563	1.135	2.765	24.73

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.788	2.017	114.8	197.5	29.24	1.831
Stddev	1.730	3.551	.9	.6	.24	.365
%RSD	36.13	176.1	.7839	.2925	.8267	19.94

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

Sample Name: 460-45812-a-10-b@4 Acquired: 10/17/2012 2:49:07 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.074	515.2	1187.	880.4
Stddev	.193	.7	2.	1.5
%RSD	3.806	.1430	.1369	.1670

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1798.4	38430.	10316.
Stddev	5.9	105.	28.
%RSD	.33057	.27423	.27420

Sample Name: 460-45814-b-1-c@4 Acquired: 10/17/2012 2:52:44 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71080.	23.46	.6847	505.8	3.942	12390.
Stddev	80.	1.57	.4400	.1	.028	26.
%RSD	.1122	6.688	64.27	.0205	.7112	.2103

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.982	56.36	105.6	101.0	124100.	5364.
Stddev	.153	.50	.2	1.2	105.	21.
%RSD	7.704	.8947	.2283	1.165	.0845	.3896

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20370.	4122.	752.7	100.1	171.4	3.045
Stddev	38.	2.	3.1	.9	1.2	2.832
%RSD	.1857	.0489	.4075	.8530	.7102	93.00

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0486	2.293	155.6	365.1	27.46	3.037
Stddev	2.835	.810	.1	.5	.35	.178
%RSD	5833.	35.32	.0683	.1279	1.260	5.857

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

Sample Name: 460-45814-b-1-c@4 Acquired: 10/17/2012 2:52:44 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.259	59.07	946.2	1005.
Stddev	.501	.06	2.3	18.
%RSD	6.067	.0950	.2418	1.789

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1892.2	40197.	10536.
Stddev	4.1	123.	45.
%RSD	.21416	.30608	.42888

Sample Name: 460-45814-b-2-a@4 Acquired: 10/17/2012 2:56:21 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	77160.	22.06	-1.787	520.3	4.487	10950.
Stddev	73.	.75	.5589	.7	.065	6.
%RSD	.0940	3.382	312.8	.1401	1.446	.0551

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.140	61.66	124.1	90.59	141800.	6648.
Stddev	.199	.11	.4	1.84	130.	28.
%RSD	9.298	.1745	.3169	2.033	.0913	.4277

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24860.	4439.	528.4	119.6	178.6	2.212
Stddev	81.	4.	2.6	.3	.6	1.948
%RSD	.3256	.0835	.4948	.2390	.3144	88.04

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.411	4.192	159.9	382.2	35.38	3.423
Stddev	4.526	1.301	.2	.8	.34	.225
%RSD	320.7	31.04	.1461	.1992	.9591	6.584

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

Sample Name: 460-45814-b-2-a@4 Acquired: 10/17/2012 2:56:21 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.311	57.80	1052.	1071.
Stddev	1.239	.04	3.	12.
%RSD	13.30	.0724	.2976	1.140

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1887.1	40072.	10474.
Stddev	3.4	58.	7.
%RSD	.17898	.14411	.06674

Sample Name: 460-45814-b-3-a@4 Acquired: 10/17/2012 2:59:57 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69040.	24.61	.7184	484.9	3.673	7780.
Stddev	47.	.24	.7068	.4	.031	6.
%RSD	.0679	.9707	98.39	.0788	.8382	.0712

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.589	47.51	126.6	108.5	137800.	4816.
Stddev	.041	.27	1.4	1.1	123.	21.
%RSD	1.564	.5582	1.107	1.027	.0891	.4307

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16800.	3492.	309.6	89.30	159.3	1.335
Stddev	5.	2.	2.6	.58	1.8	1.752
%RSD	.0317	.0454	.8361	.6549	1.100	131.2

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.846	1.818	130.7	342.7	27.33	5.971
Stddev	3.179	1.204	.4	.0	.70	.435
%RSD	172.2	66.24	.2955	.0106	2.575	7.288

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

Sample Name: 460-45814-b-3-a@4 Acquired: 10/17/2012 2:59:57 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.73	54.96	985.9	1179.
Stddev	.24	.15	1.9	9.
%RSD	1.766	.2680	.1919	.7348

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1908.7	40572.	10588.
Stddev	2.0	154.	26.
%RSD	.10720	.37874	.24712

Sample Name: 460-45838-a-6-b@4 Acquired: 10/17/2012 3:03:34 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26270.	29.90	.0366	62.10	1.767	36960.
Stddev	39.	.35	.3379	.33	.024	27.
%RSD	.1502	1.171	924.5	.5268	1.373	.0732

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9204	17.39	62.67	26.82	76200.	5898.
Stddev	.0467	.20	.25	1.48	38.	3.
%RSD	5.073	1.171	.3918	5.521	.0499	.0481

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11380.	836.4	1487.	43.92	33.34	-.4661
Stddev	27.	.9	1.	.22	.93	1.403
%RSD	.2396	.1030	.0971	.5050	2.779	301.0

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2781	.8734	70.87	131.3	34.77	4.233
Stddev	1.641	1.827	.67	.4	.47	.266
%RSD	590.0	209.2	.9469	.2765	1.347	6.279

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

Sample Name: 460-45838-a-6-b@4 Acquired: 10/17/2012 3:03:34 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.371	206.8	633.1	886.3
Stddev	.721	.3	1.2	4.5
%RSD	21.40	.1292	.1859	.5130

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1864.6	39752.	10256.
Stddev	5.0	67.	8.
%RSD	.27034	.16790	.07363

Sample Name: 460-45838-a-8-c@4 Acquired: 10/17/2012 3:07:12 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43870.	40.40	-1.299	90.42	2.752	16540.
Stddev	40.	1.79	.5954	.17	.019	22.
%RSD	.0920	4.427	458.3	.1825	.6932	.1311

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.476	27.86	100.3	38.74	111600.	9769.
Stddev	.062	.17	.3	.82	172.	30.
%RSD	4.171	.5988	.2963	2.115	.1543	.3114

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20010.	1387.	8040.	72.12	39.54	-1.082
Stddev	40.	1.	10.	.20	1.20	.579
%RSD	.2003	.0656	.1289	.2830	3.030	53.55

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.529	5.325	110.0	208.4	66.89	8.141
Stddev	2.720	.557	.5	.5	1.14	.271
%RSD	77.09	10.45	.4866	.2328	1.706	3.325

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

Sample Name: 460-45838-a-8-c@4 Acquired: 10/17/2012 3:07:12 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.503	110.8	946.4	1040.
Stddev	.882	.2	3.0	13.
%RSD	19.59	.1836	.3215	1.235

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1906.2	40693.	10532.
Stddev	4.0	52.	29.
%RSD	.20997	.12840	.27320

Sample Name: 460-45838-a-11-b@4 Acquired: 10/17/2012 3:10:50 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15040.	19.94	.0099	45.31	1.176	20490.
Stddev	35.	1.54	.1412	.18	.036	39.
%RSD	.2331	7.713	1432.	.4022	3.039	.1894

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5216	11.43	38.44	38.68	44120.	3420.
Stddev	.0456	.16	.09	.89	187.	7.
%RSD	8.734	1.414	.2361	2.292	.4232	.1933

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5483.	369.3	5039.	25.63	41.23	-4.136
Stddev	25.	1.1	6.	.90	1.91	2.004
%RSD	.4492	.2979	.1232	3.498	4.623	48.45

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4138	3.975	55.28	99.36	22.35	1.290
Stddev	2.669	1.083	.23	.24	.59	.436
%RSD	645.0	27.24	.4127	.2405	2.622	33.78

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

Sample Name: 460-45838-a-11-b@4 Acquired: 10/17/2012 3:10:50 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.587	68.98	379.4	777.7
Stddev	.040	.11	.8	14.3
%RSD	1.116	.1611	.2139	1.843

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1855.1	39647.	10152.
Stddev	2.9	58.	45.
%RSD	.15804	.14688	.44055

Sample Name: 460-45917-a-1-a@4 Acquired: 10/17/2012 3:14:29 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94340.	23.85	-1.247	270.8	6.346	3547.
Stddev	173.	2.10	.206	.3	.083	6.
%RSD	.1834	8.821	16.55	.1221	1.308	.1555

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.694	53.34	116.9	31.74	172200.	9477.
Stddev	.042	.31	.5	1.96	371.	24.
%RSD	2.449	.5868	.4313	6.160	.2155	.2516

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20290.	1038.	400.1	75.59	70.55	5.533
Stddev	68.	2.	8.9	.63	.04	.789
%RSD	.3355	.2361	2.219	.8310	.0574	14.27

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.225	1.719	98.82	294.1	19.87	.3817
Stddev	.611	3.590	.04	.9	.27	.3030
%RSD	18.94	208.8	.0375	.2991	1.348	79.37

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

Sample Name: 460-45917-a-1-a@4 Acquired: 10/17/2012 3:14:29 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.055	60.12	1126.	1346.
Stddev	.105	.19	3.	7.
%RSD	2.076	.3124	.2847	.5540

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1960.9	41424.	10733.
Stddev	6.0	152.	61.
%RSD	.30538	.36798	.57268

Sample Name: 460-45919-a-1-a@4 Acquired: 10/17/2012 3:18:06 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34770.	27.55	.2875	201.2	2.103	13790.
Stddev	68.	3.27	.1082	.3	.068	30.
%RSD	.1945	11.86	37.64	.1423	3.210	.2183

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.904	41.41	67.34	187.1	91340.	2902.
Stddev	.095	.44	.36	2.1	105.	10.
%RSD	5.003	1.071	.5416	1.133	.1144	.3580

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16880.	1077.	1944.	73.08	94.42	-.2493
Stddev	76.	1.	9.	1.05	1.28	2.195
%RSD	.4472	.0631	.4842	1.433	1.356	880.8

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.086	3.158	184.1	258.9	65.69	2.138
Stddev	.382	.763	.4	.2	.53	.351
%RSD	18.32	24.15	.2382	.0580	.7997	16.40

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

Sample Name: 460-45919-a-1-a@4 Acquired: 10/17/2012 3:18:06 Type: Unk
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.570	99.78	2243.	728.5
Stddev	.747	.39	6.	13.9
%RSD	7.802	.3887	.2569	1.902

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1884.4	40079.	10332.
Stddev	3.6	102.	40.
%RSD	.18873	.25551	.39091

Sample Name: 460-45919-a-6-a@4 Acquired: 10/17/2012 3:21:42 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33570.	9.928	.7467	123.1	1.046	22860.
Stddev	133.	1.564	.2574	.2	.038	86.
%RSD	.3973	15.75	34.47	.1770	3.671	.3773

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.669	44.80	48.56	218.5	92970.	2065.
Stddev	.140	.33	.42	4.4	159.	16.
%RSD	8.409	.7386	.8686	2.022	.1713	.7861

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19120.	1121.	2795.	62.38	149.5	-1.287
Stddev	16.	1.	7.	.43	1.5	1.447
%RSD	.0839	.1022	.2352	.6836	1.001	112.4

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.002	2.858	213.7	242.2	155.0	1.204
Stddev	1.311	2.389	.6	.7	.2	.282
%RSD	43.66	83.61	.2765	.2949	.1156	23.44

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

Sample Name: 460-45919-a-6-a@4 Acquired: 10/17/2012 3:21:42 Type: Unk
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	23.17	76.05	3052.	696.1
Stddev	.85	.26	9.	8.2
%RSD	3.666	.3411	.3072	1.180

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1876.1	40127.	10401.
Stddev	1.6	103.	16.
%RSD	.08645	.25688	.15086

Sample Name: CCV Acquired: 10/17/2012 3:25:22 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122700.	2440.	1214.	9955.	953.7	129000.
Stddev	102.	7.	2.	8.	1.4	80.
%RSD	.0829	.2878	.1665	.0783	.1505	.0618

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1267.	2471.	4803.	12280.	99210.	52760.
Stddev	1.	2.	2.	29.	173.	29.
%RSD	.1097	.0802	.0312	.2353	.1743	.0550

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120600.	5007.	132100.	2448.	7609.	986.3
Stddev	173.	5.	175.	4.	8.	6.2
%RSD	.1438	.1059	.1322	.1532	.1046	.6255

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2455.	2566.	2443.	2418.	971.9	2544.
Stddev	5.	6.	5.	2.	1.8	.
%RSD	.2229	.2425	.2049	.0767	.1875	.0155

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 3:25:22 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	993.7	5009.	10010.	F 8895.
Stddev	1.5	51.	16.	42.
%RSD	.1502	1.008	.1583	.4684

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1674.9	35494.	9546.6
Stddev	2.5	68.	17.7
%RSD	.15030	.19145	.18572

Sample Name: CCB Acquired: 10/17/2012 3:28:52 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.668	1.822	.7126	.6477	.0605	.1306
Stddev	12.95	.628	.4057	.3152	.1152	12.86
%RSD	776.1	34.47	56.94	48.67	190.3	9848.

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1223	-.6000	.7358	.8652	2.807	152.4
Stddev	.0269	.2530	.2861	.1200	14.93	40.1
%RSD	21.96	42.16	38.88	13.86	531.7	26.31

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.855	.3183	39.00	.4704	1.902	-2.628
Stddev	8.336	.2912	17.25	.2808	.598	.675
%RSD	106.1	91.49	44.21	59.69	31.41	25.70

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7852	5.898	-.0428	.1225	1.879	2.113
Stddev	3.222	1.704	.6779	.0495	.697	.204
%RSD	410.3	28.89	1584.	40.42	37.11	9.655

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

Sample Name: CCB Acquired: 10/17/2012 3:28:52 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7364	.4483	.9429	2.042
Stddev	.4824	.4047	.8638	6.054
%RSD	65.52	90.26	91.61	296.4

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1846.7	39531.	9819.0
Stddev	1.3	22.	23.9
%RSD	.06923	.05566	.24364

Sample Name: CCV Acquired: 10/17/2012 3:32:36 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122500.	2427.	1211.	9927.	952.2	129000.
Stddev	66.	4.	1.	7.	.3	60.
%RSD	.0541	.1528	.0774	.0683	.0356	.0464

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1259.	2459.	4801.	12240.	98940.	52670.
Stddev	1.	2.	10.	10.	128.	103.
%RSD	.0833	.0745	.2145	.0789	.1288	.1961

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120600.	4998.	132000.	2440.	7573.	978.0
Stddev	216.	4.	76.	5.	6.	6.8
%RSD	.1790	.0711	.0573	.2199	.0796	.6943

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2444.	2544.	2437.	2410.	966.6	2529.
Stddev	2.	5.	2.	2.	1.4	3.
%RSD	.0807	.1949	.0973	.0653	.1409	.1202

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 3:32:36 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	987.8	5020.	9982.	F 8835.
Stddev	3.4	19.	9.	75.
%RSD	.3464	.3739	.0946	.8503

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1672.9	35284.	9446.5
Stddev	1.5	38.	37.4
%RSD	.08916	.10901	.39630

Sample Name: CCB Acquired: 10/17/2012 3:36:06 Type: QC
Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.157	2.583	.4790	.4284	.0775	4.051
Stddev	13.93	1.612	.3509	.2994	.0648	5.586
%RSD	1204.	62.40	73.26	69.89	83.61	137.9

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1368	-.3859	.5486	.9785	.2859	152.4
Stddev	.1325	.4501	.3878	1.714	5.825	59.5
%RSD	96.86	116.6	70.68	175.1	2037.	39.03

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.899	.3155	50.84	-.2015	1.970	-2.754
Stddev	5.564	.2916	20.33	.0920	1.012	.330
%RSD	56.21	92.43	39.98	45.63	51.38	11.97

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.792	3.503	-.0565	.2341	1.532	1.785
Stddev	5.766	.553	.3326	.2635	.689	.374
%RSD	206.5	15.78	588.9	112.6	44.93	20.93

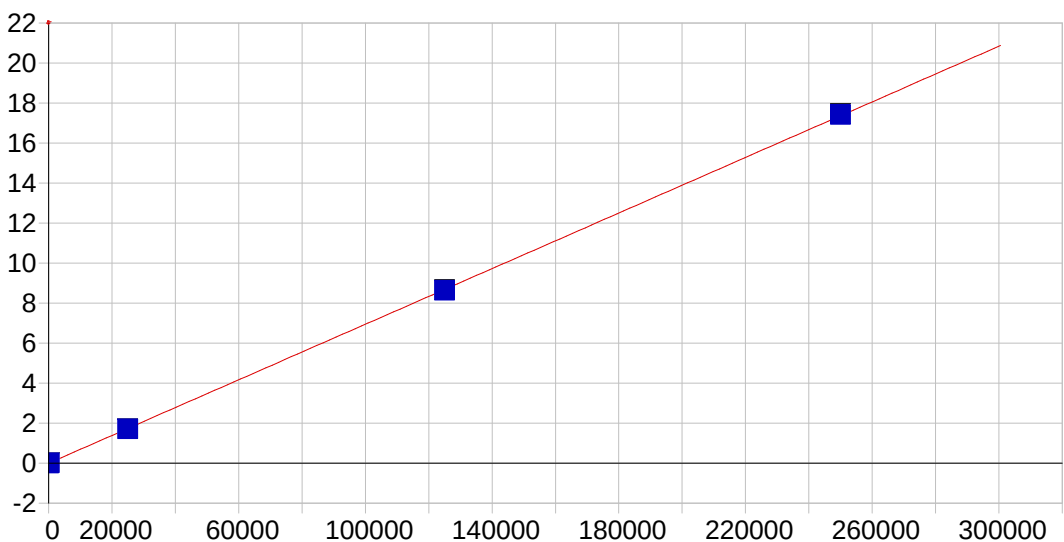
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 3:36:06 Type: QC
 Method: SW846_101112(v9) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4416	.4527	.3431	11.76
Stddev	.1144	.3782	.9307	3.63
%RSD	25.91	83.54	271.2	30.84

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1842.0	39400.	9728.3
Stddev	2.1	56.	5.4
%RSD	.11186	.14276	.05506

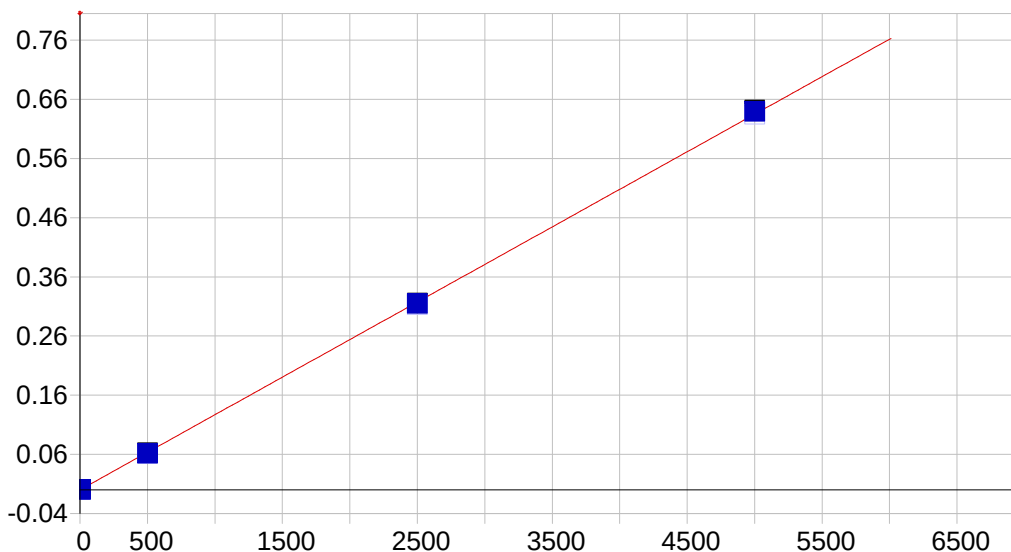


AI 396.152 { 85}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

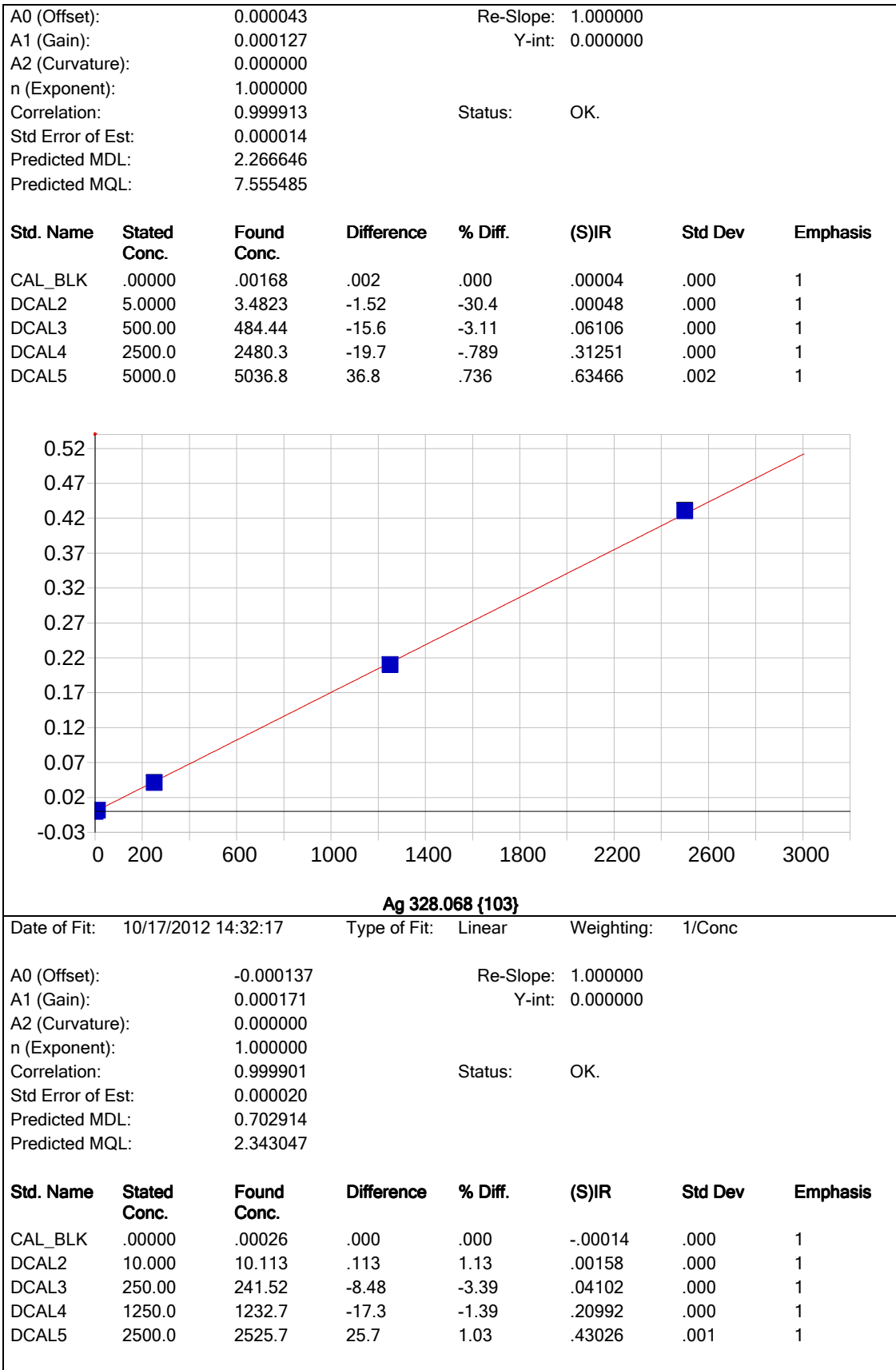
A0 (Offset): -0.001536 Re-Slope: 1.000000
 A1 (Gain): 0.000069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 10.970939
 Predicted MQL: 36.569795

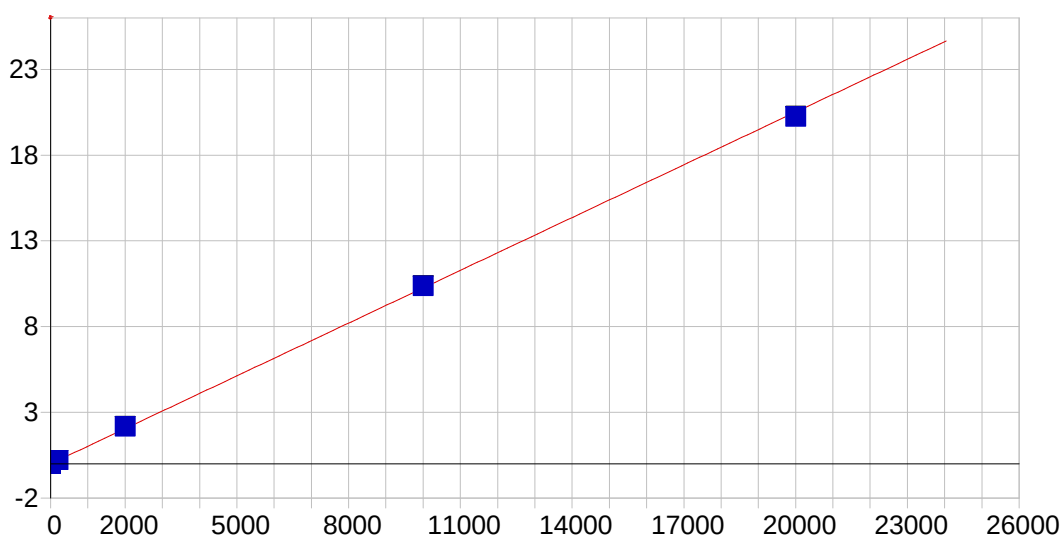
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00884	.009	.000	-.00154	.001	1
DCAL2	200.00	193.62	-6.38	-3.19	.01194	.001	1
DCAL3	25000.	24729.	-271.	-1.08	1.7177	.003	1
DCAL4	125000.	124350.	-653.	-.522	8.6431	.011	1
DCAL5	250000.	250930.	930.	.372	17.443	.024	1



As 189.042 {478}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc



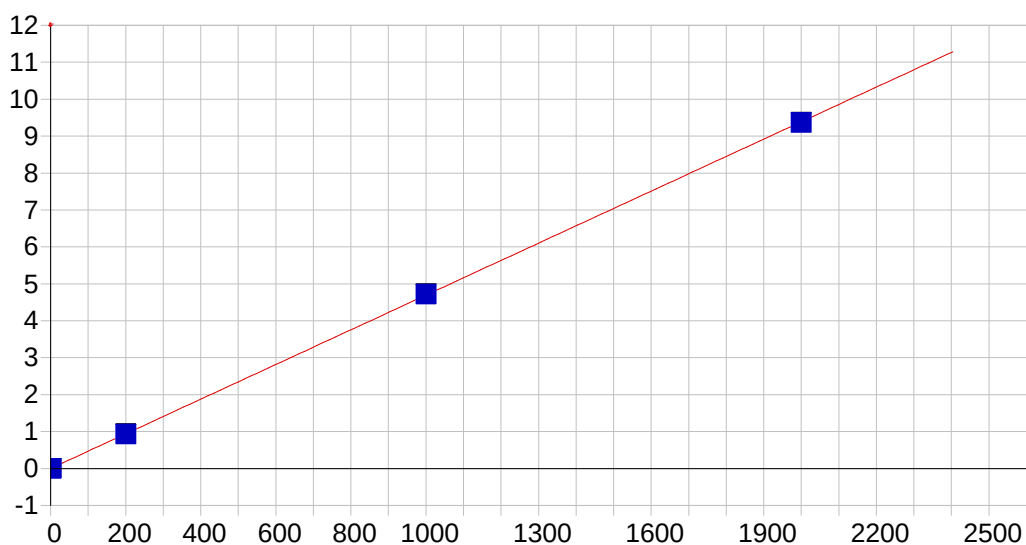


Ba 233.527 {445}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000148	Re-Slope:	1.000000
A1 (Gain):	0.001026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999776	Status:	OK.
Std Error of Est:	0.002248		
Predicted MDL:	0.286975		
Predicted MQL:	0.956583		

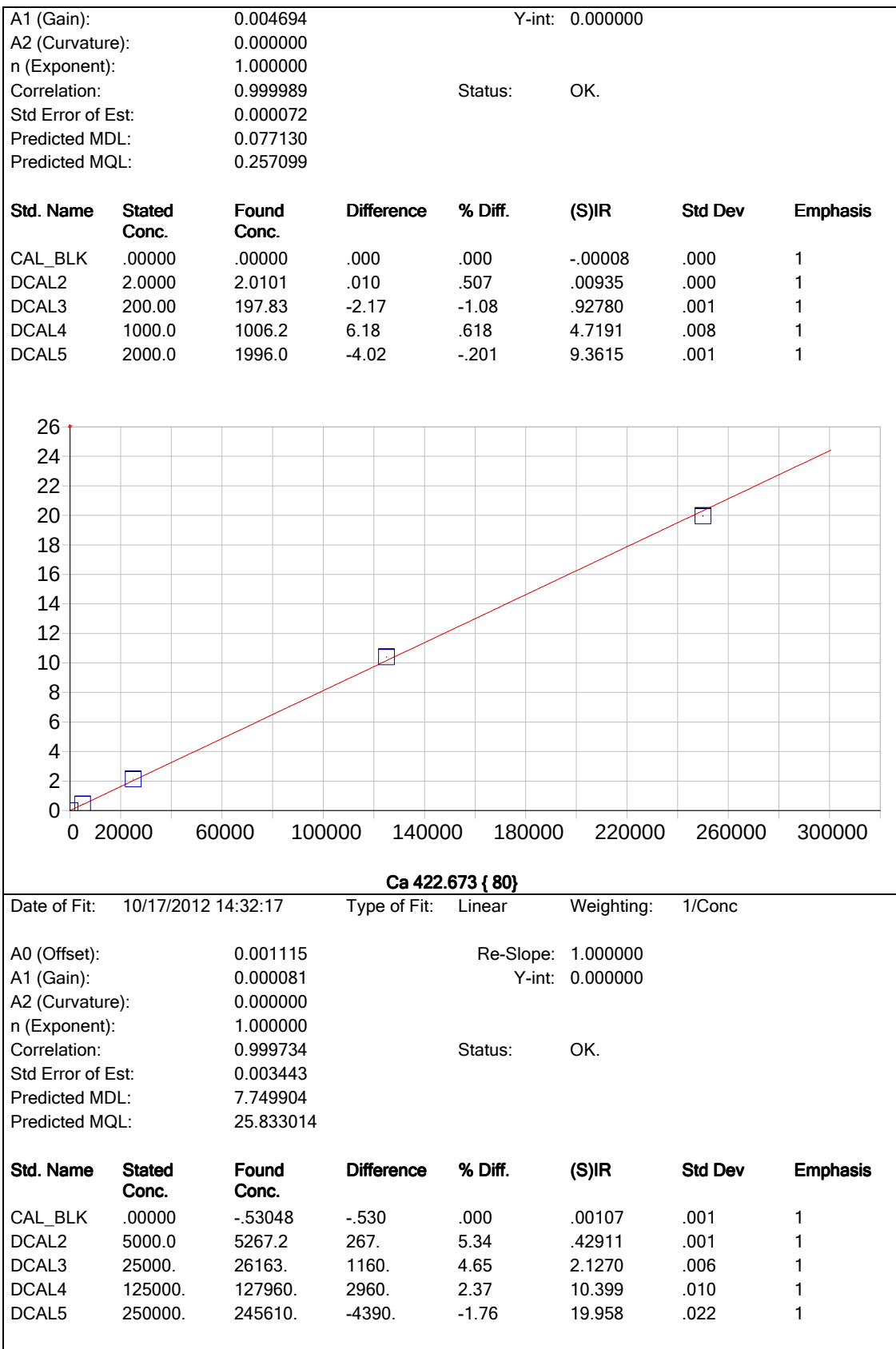
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02603	-.026	.000	-.00017	.000	1
DCAL2	200.00	213.03	13.0	6.51	.21828	.000	1
DCAL3	2000.0	2133.1	133.	6.66	2.1856	.003	1
DCAL4	10000.	10115.	115.	1.15	10.364	.010	1
DCAL5	20000.	19739.	-261.	-1.30	20.225	.024	1

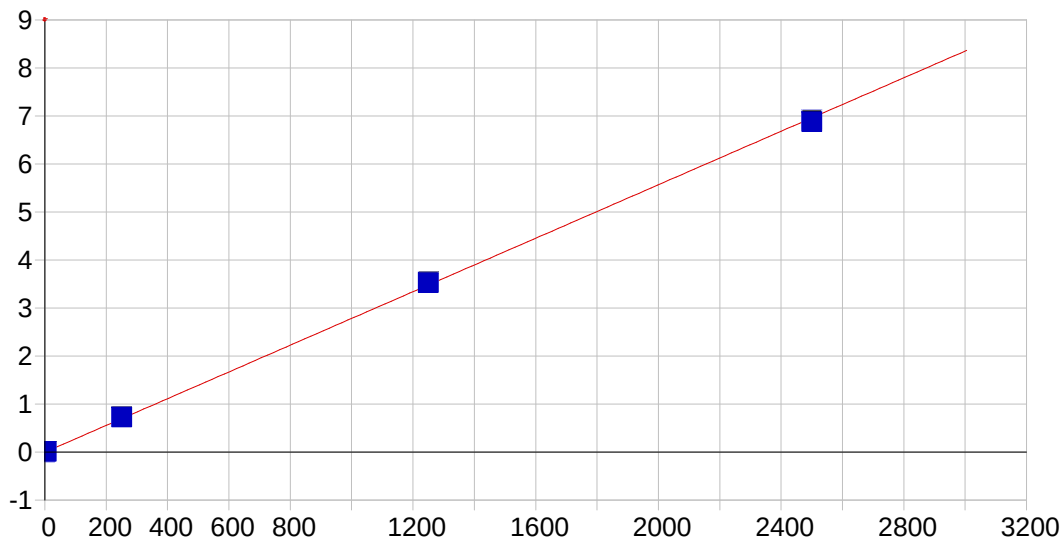


Be 313.042 {108}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000078	Re-Slope:	1.000000



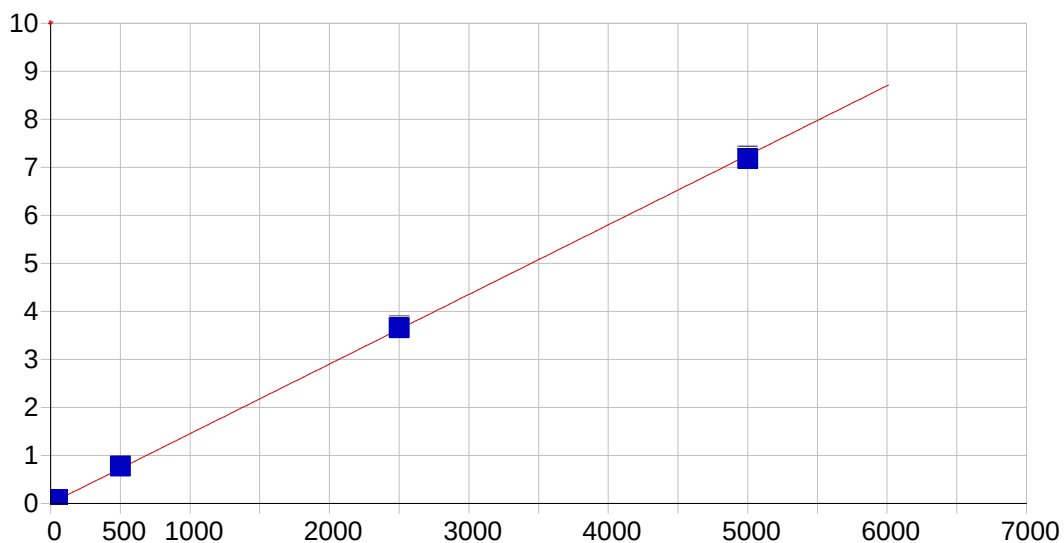


Cd 226.502 {449}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001463 Re-Slope: 1.000000
 A1 (Gain): 0.002785 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.155082
 Predicted MQL: 0.516939

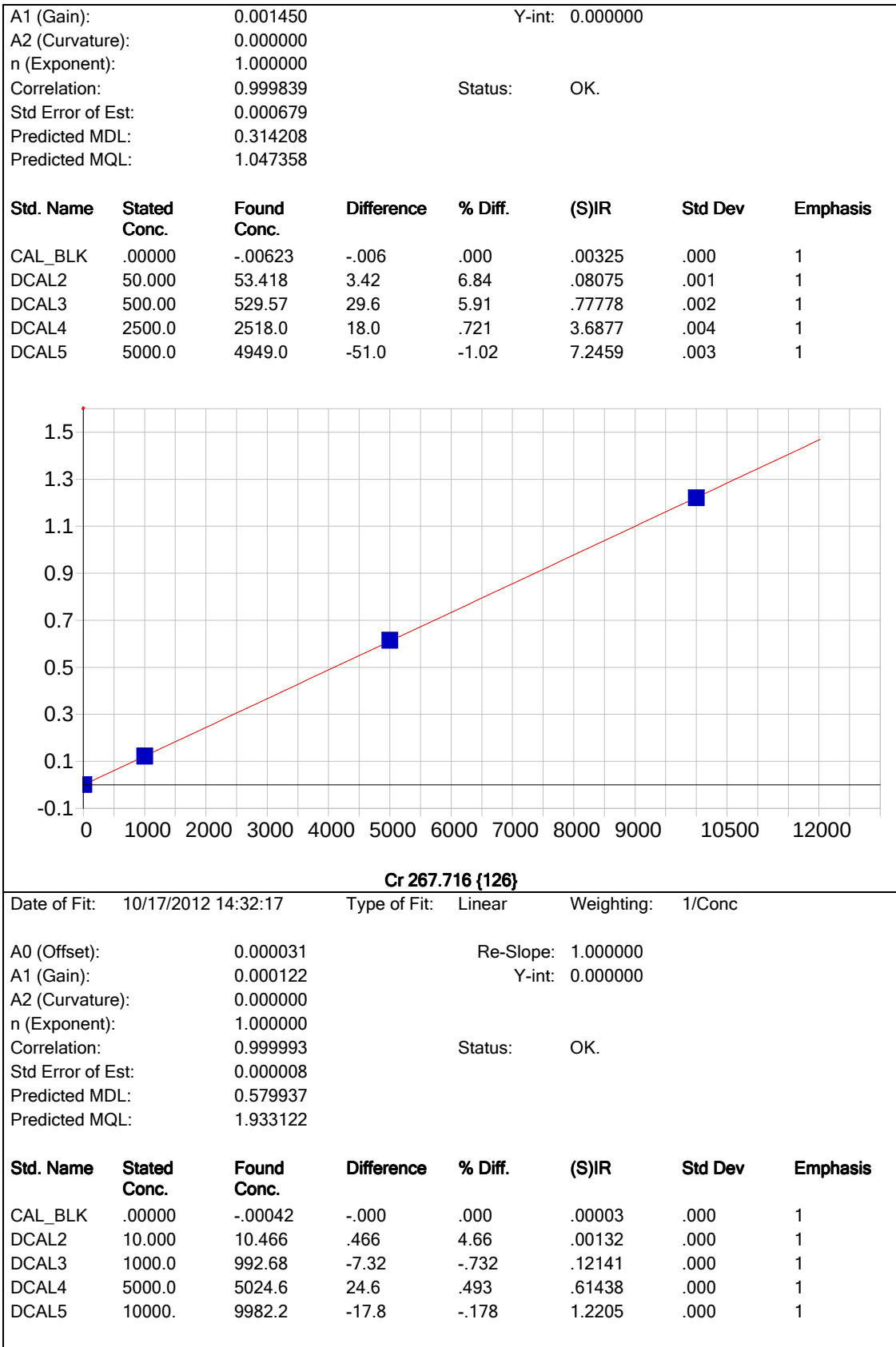
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00037	-.000	.000	-.00146	.000	1
DCAL2	4.0000	4.1756	.176	4.39	.01020	.000	1
DCAL3	250.00	261.42	11.4	4.57	.73082	.001	1
DCAL4	1250.0	1266.6	16.6	1.33	3.5472	.006	1
DCAL5	2500.0	2471.8	-28.2	-1.13	6.9249	.004	1

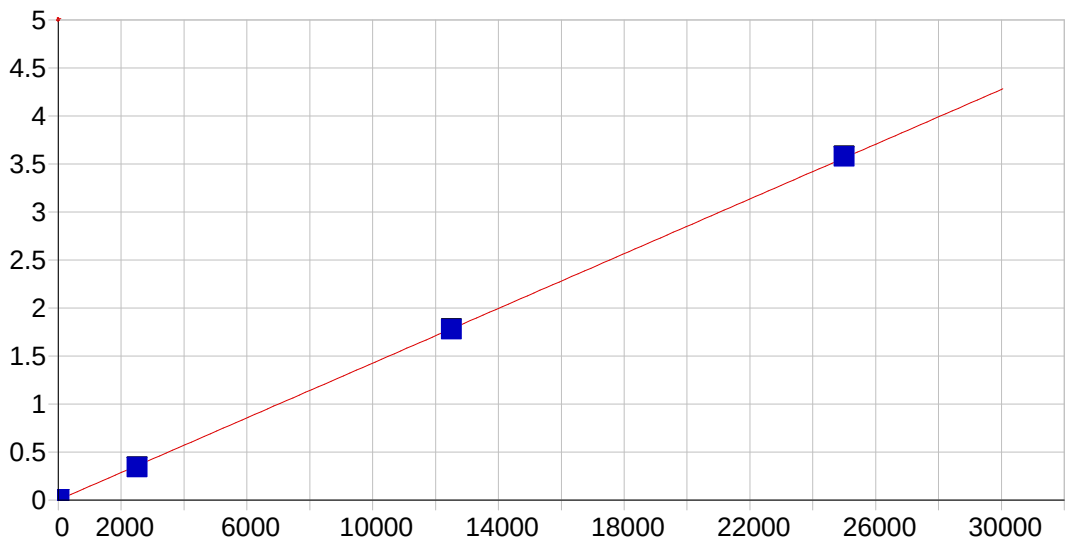


Co 228.616 {447}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003254 Re-Slope: 1.000000



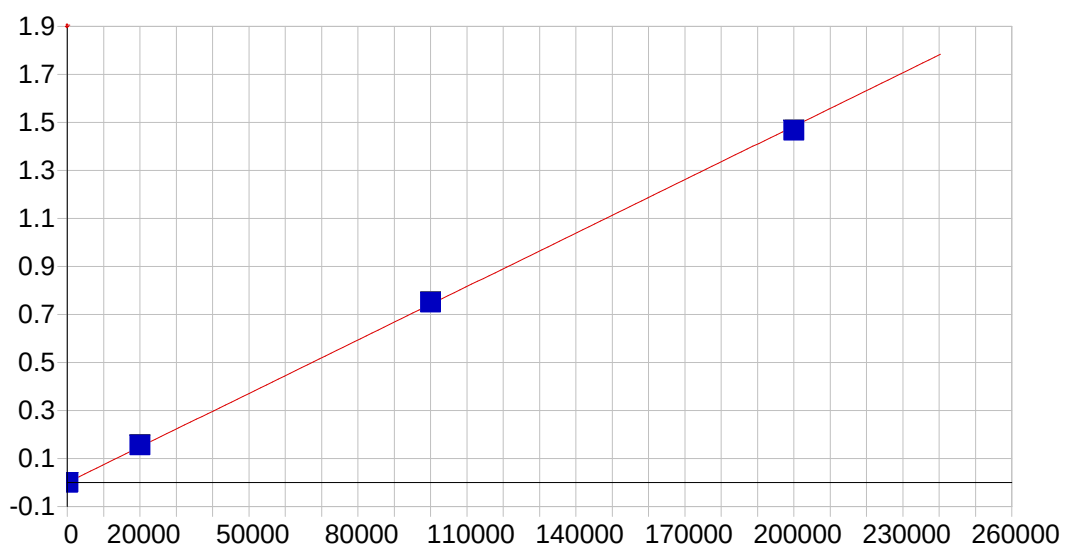


Cu 324.754 {104}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

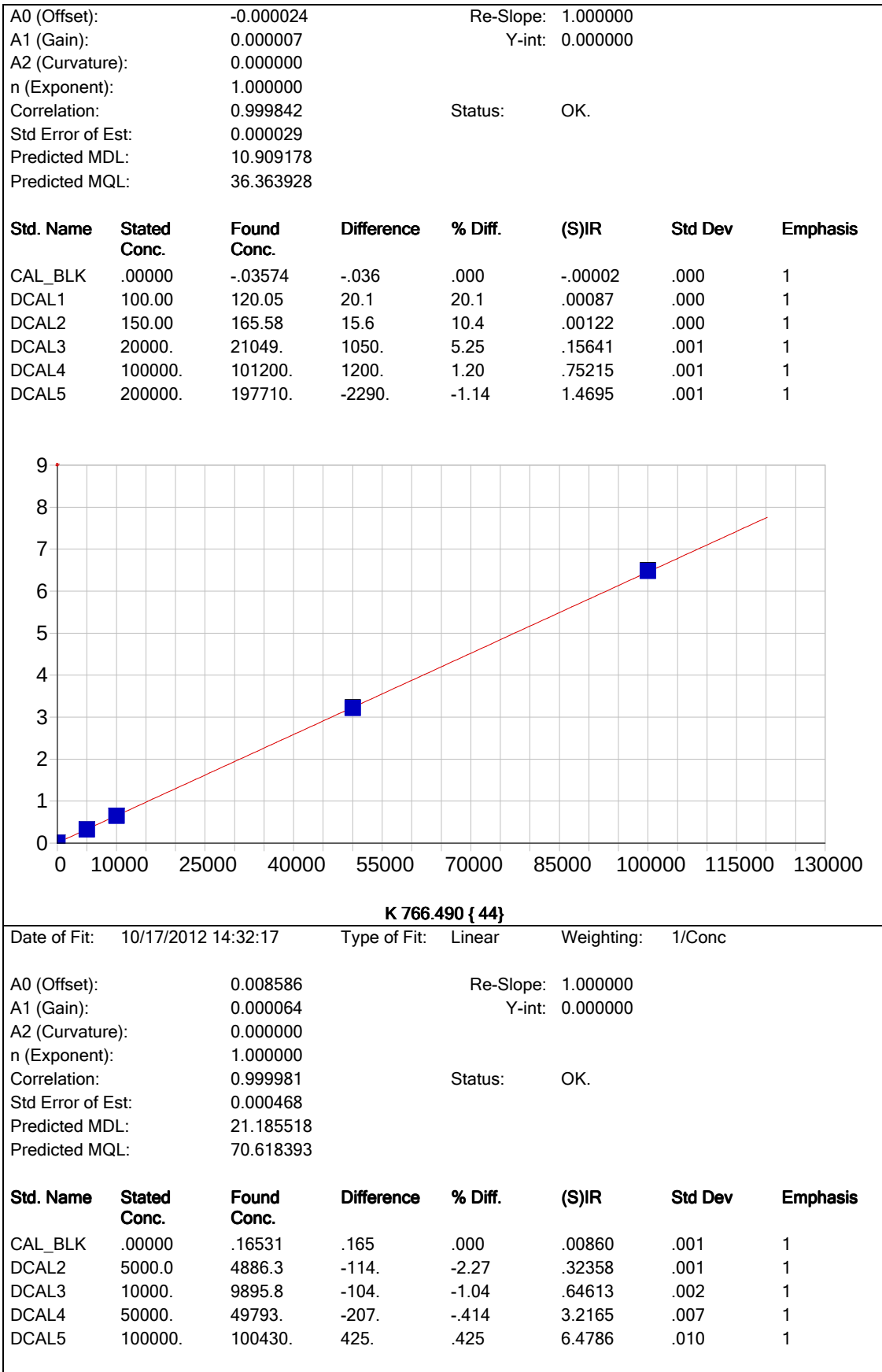
A0 (Offset): 0.001455 Re-Slope: 1.000000
 A1 (Gain): 0.000142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 2.468694
 Predicted MQL: 8.228981

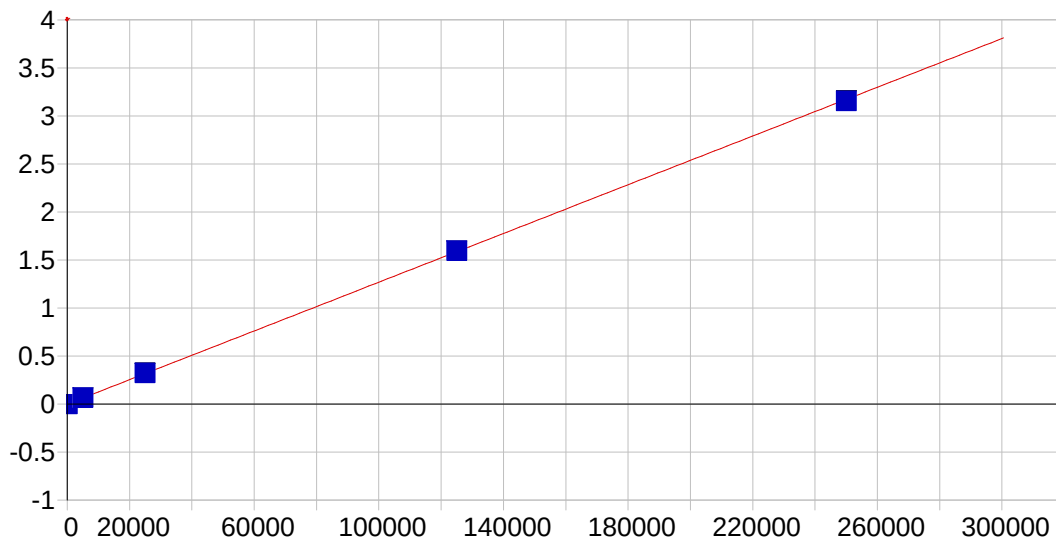
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00192	-.002	.000	.00145	.000	1
DCAL1	10.000	11.389	1.39	13.9	.00308	.000	1
DCAL2	25.000	27.245	2.25	8.98	.00533	.000	1
DCAL3	2500.0	2400.8	-99.2	-3.97	.34299	.001	1
DCAL4	12500.	12482.	-18.1	-.145	1.7772	.003	1
DCAL5	25000.	25114.	114.	.455	3.5744	.003	1



Fe 271.441 {124}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc



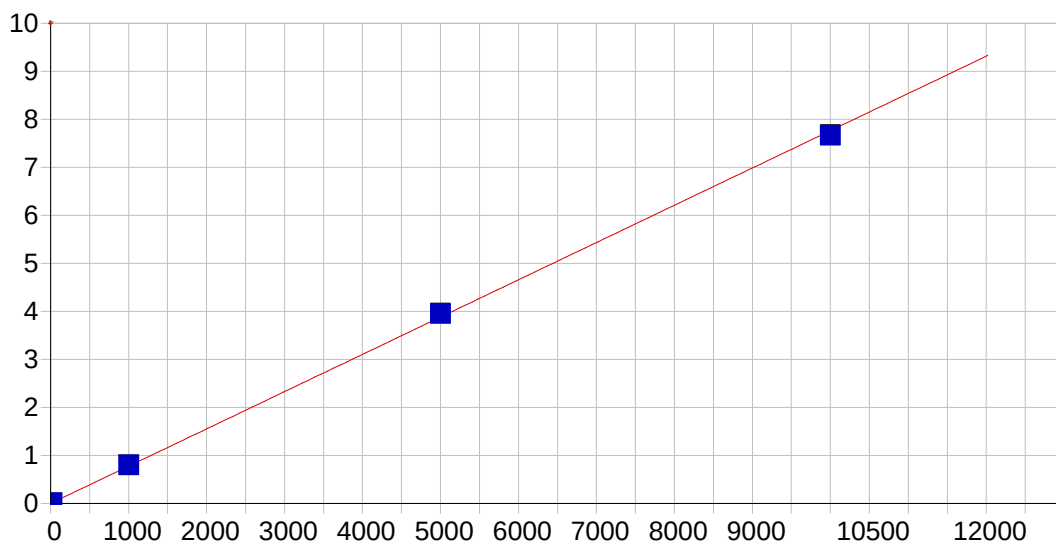


Mg 279.079 {121}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.000013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 5.803943
 Predicted MQL: 19.346477

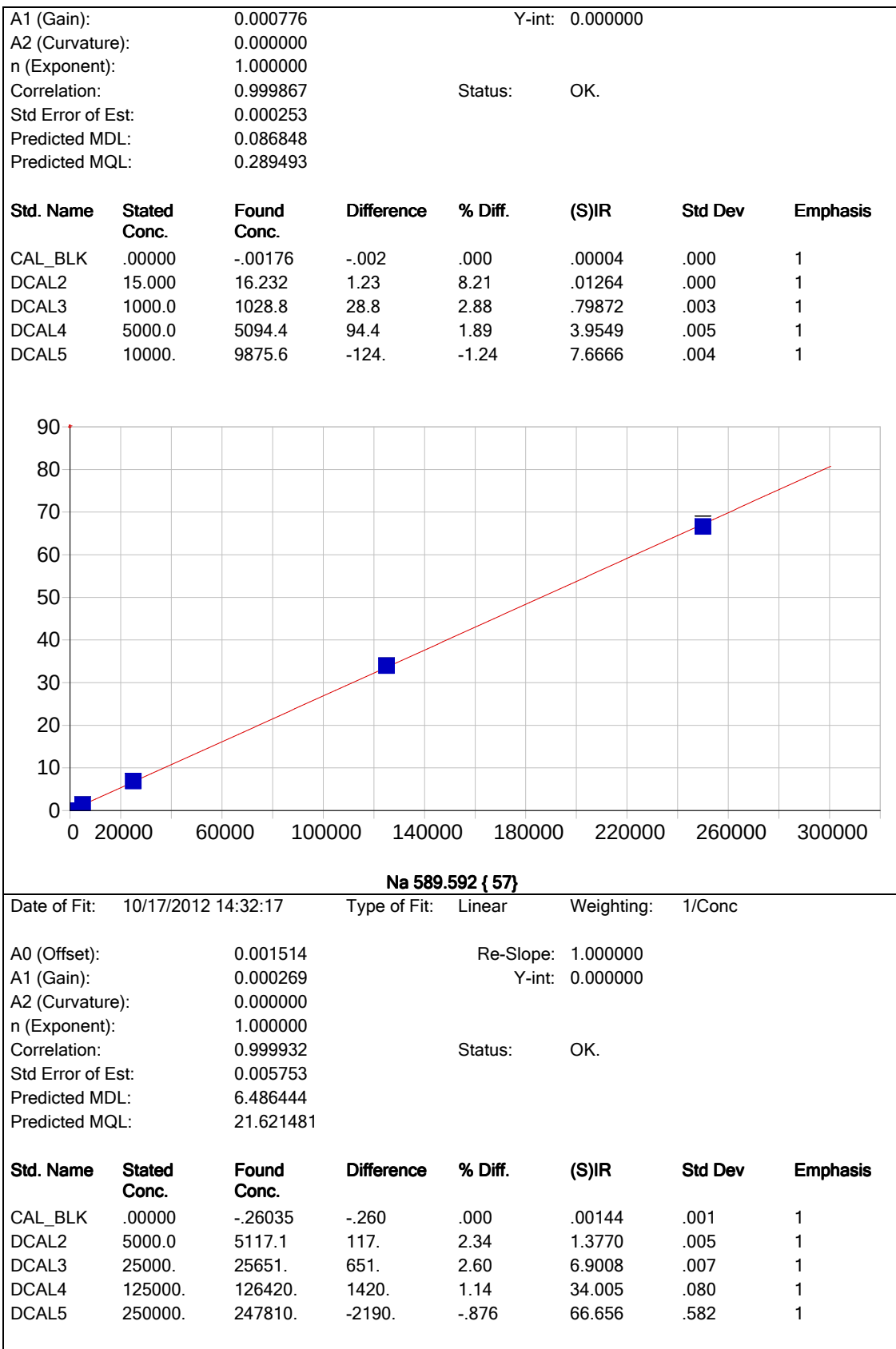
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.18729	-.187	.000	-.00004	.000	1
DCAL2	5000.0	5109.7	110.	2.19	.06477	.000	1
DCAL3	25000.	25347.	347.	1.39	.32138	.001	1
DCAL4	125000.	125870.	870.	.696	1.5961	.004	1
DCAL5	250000.	248670.	-1330.	-.531	3.1533	.004	1

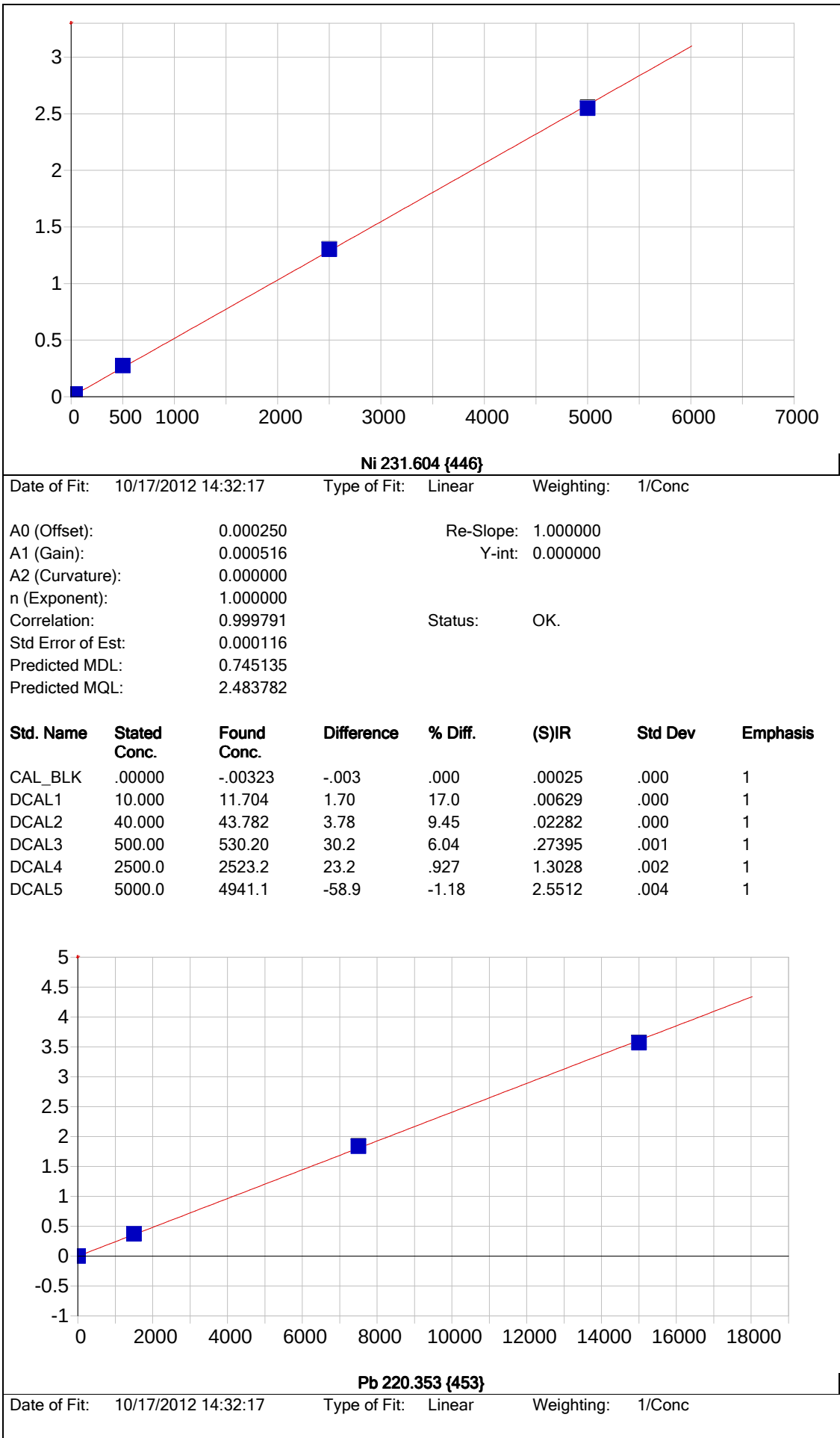


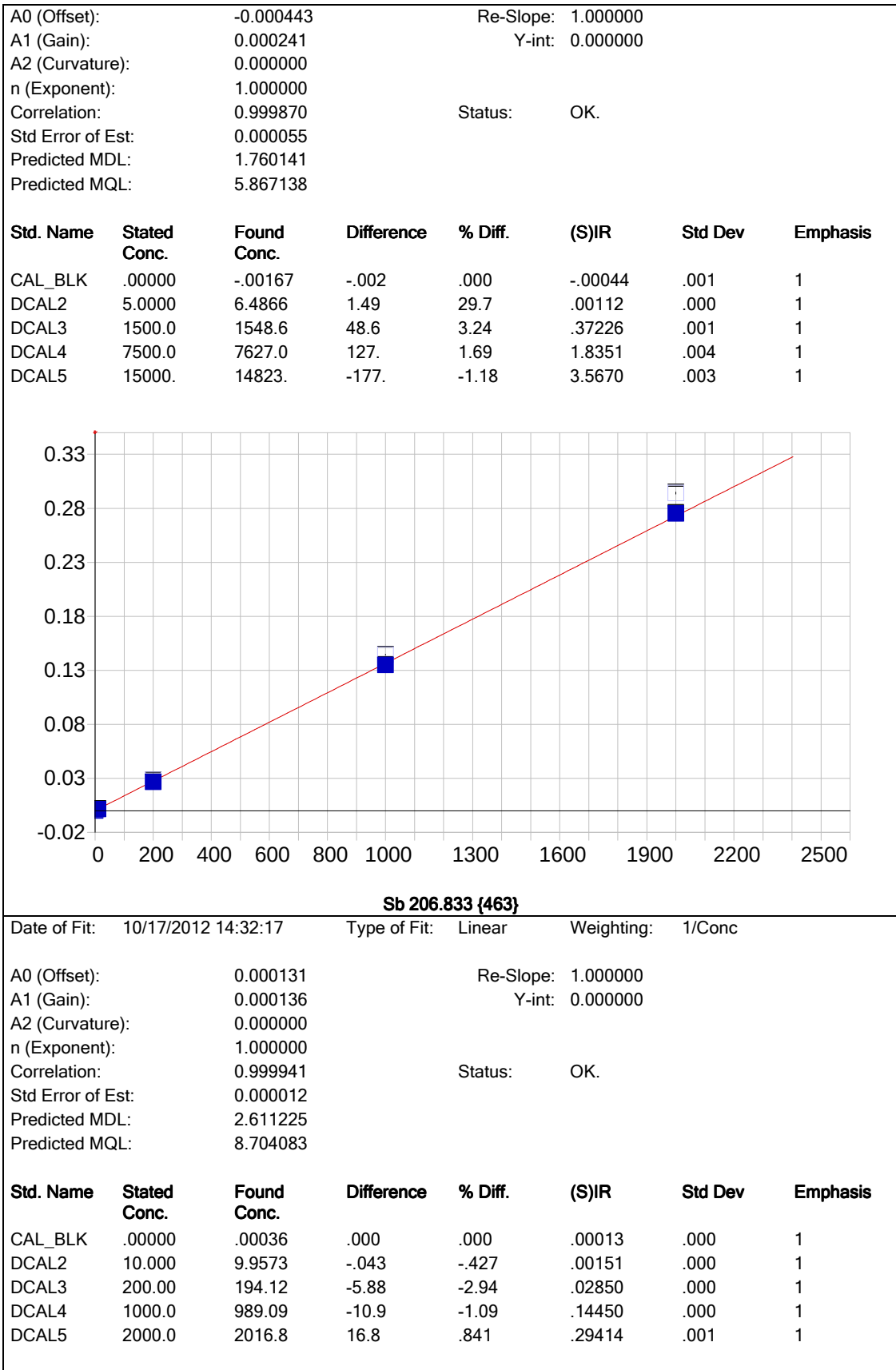
Mn 257.610 {131}

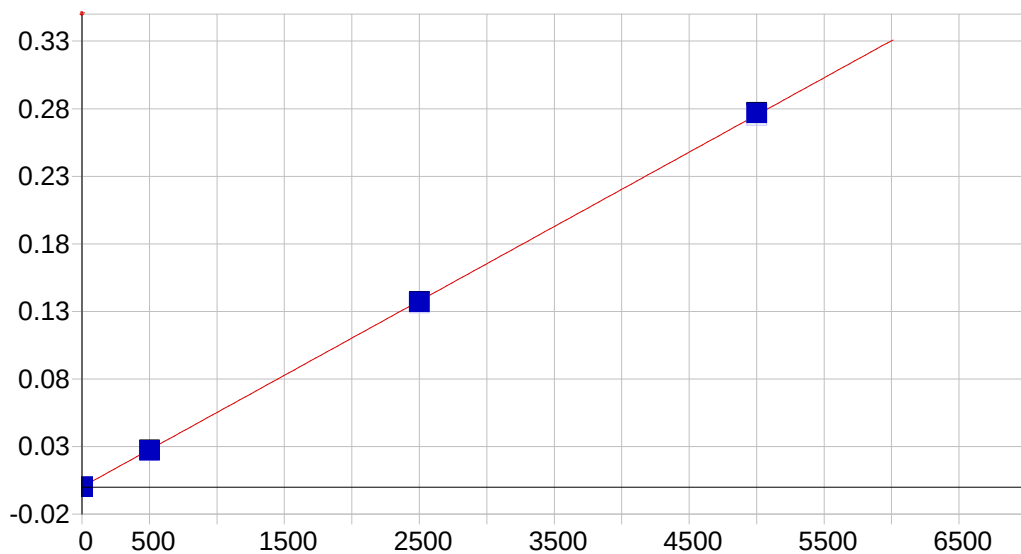
Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000







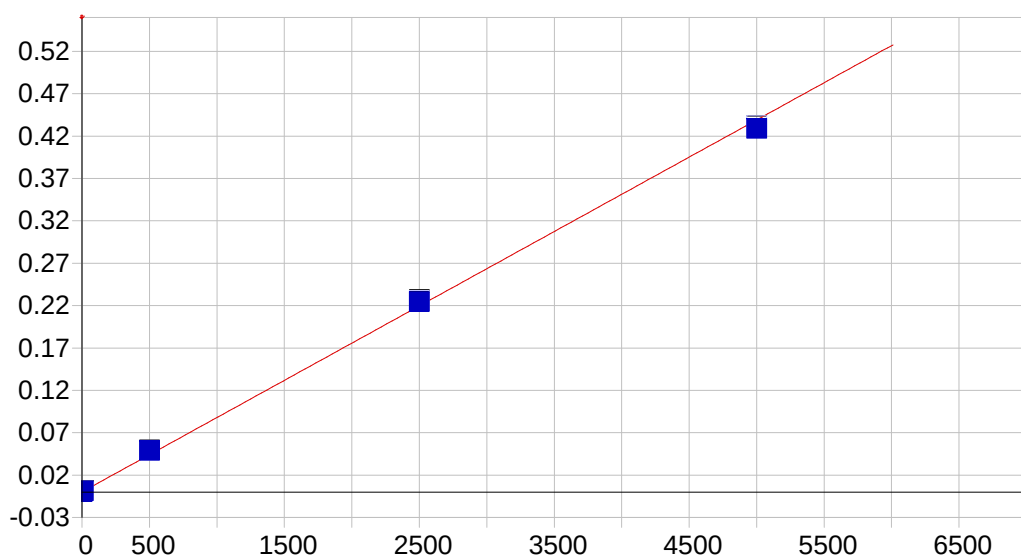


Se 196.090 {472}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.000055 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 4.099625
 Predicted MQL: 13.665417

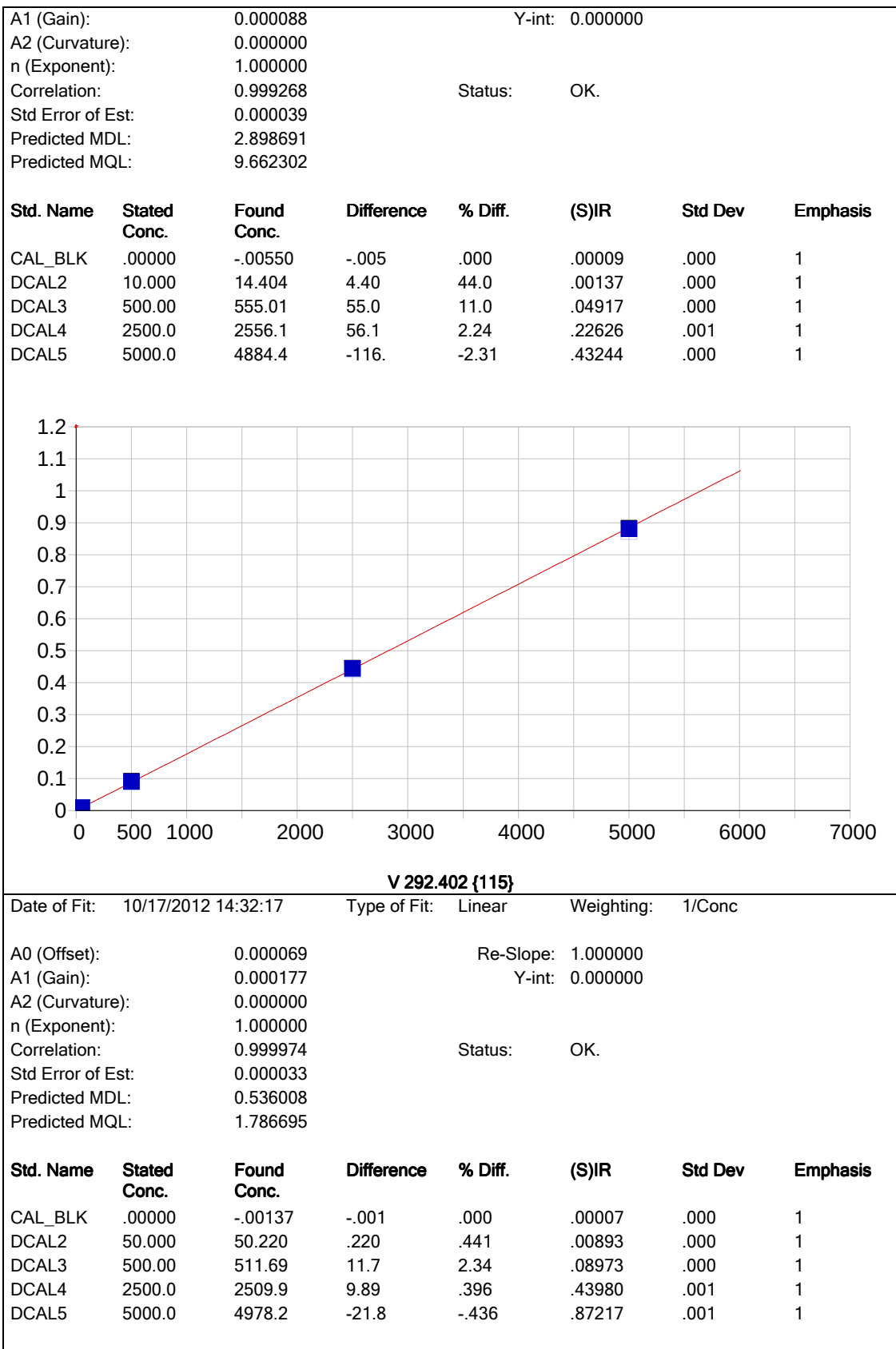
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00308	.003	.000	.00013	.000	1
DCAL2	5.0000	2.0163	-2.98	-59.7	.00023	.000	1
DCAL3	500.00	489.88	-10.1	-2.02	.02692	.000	1
DCAL4	2500.0	2487.3	-12.7	-.507	.13614	.000	1
DCAL5	5000.0	5025.6	25.6	.512	.27496	.001	1

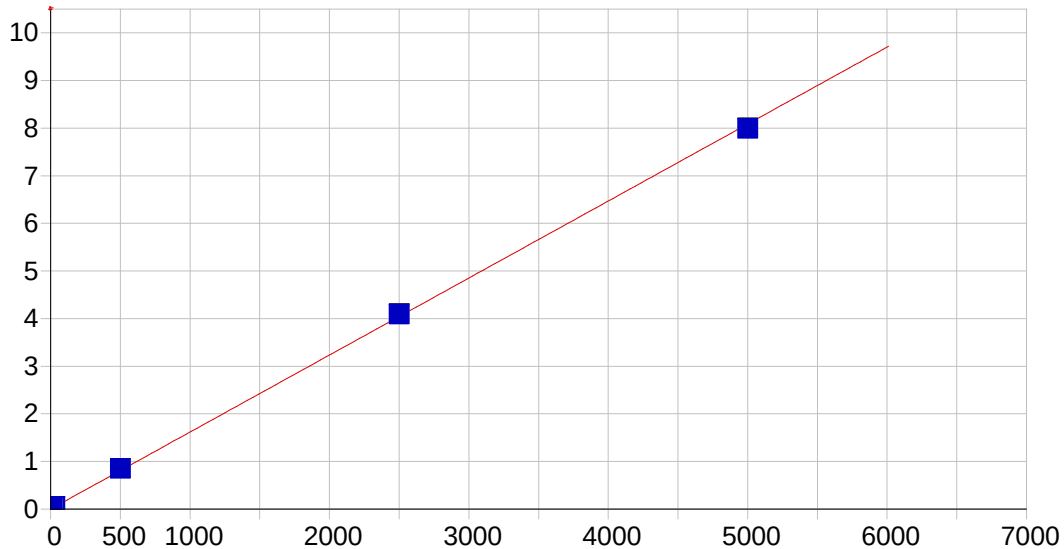


TI 190.856 {477}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000088 Re-Slope: 1.000000



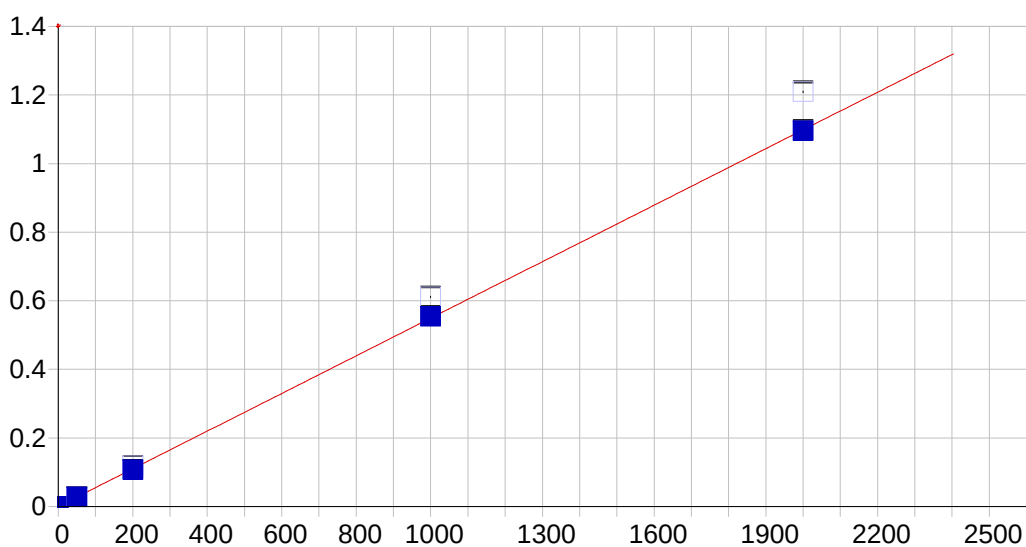


Zn 206.200 {463}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

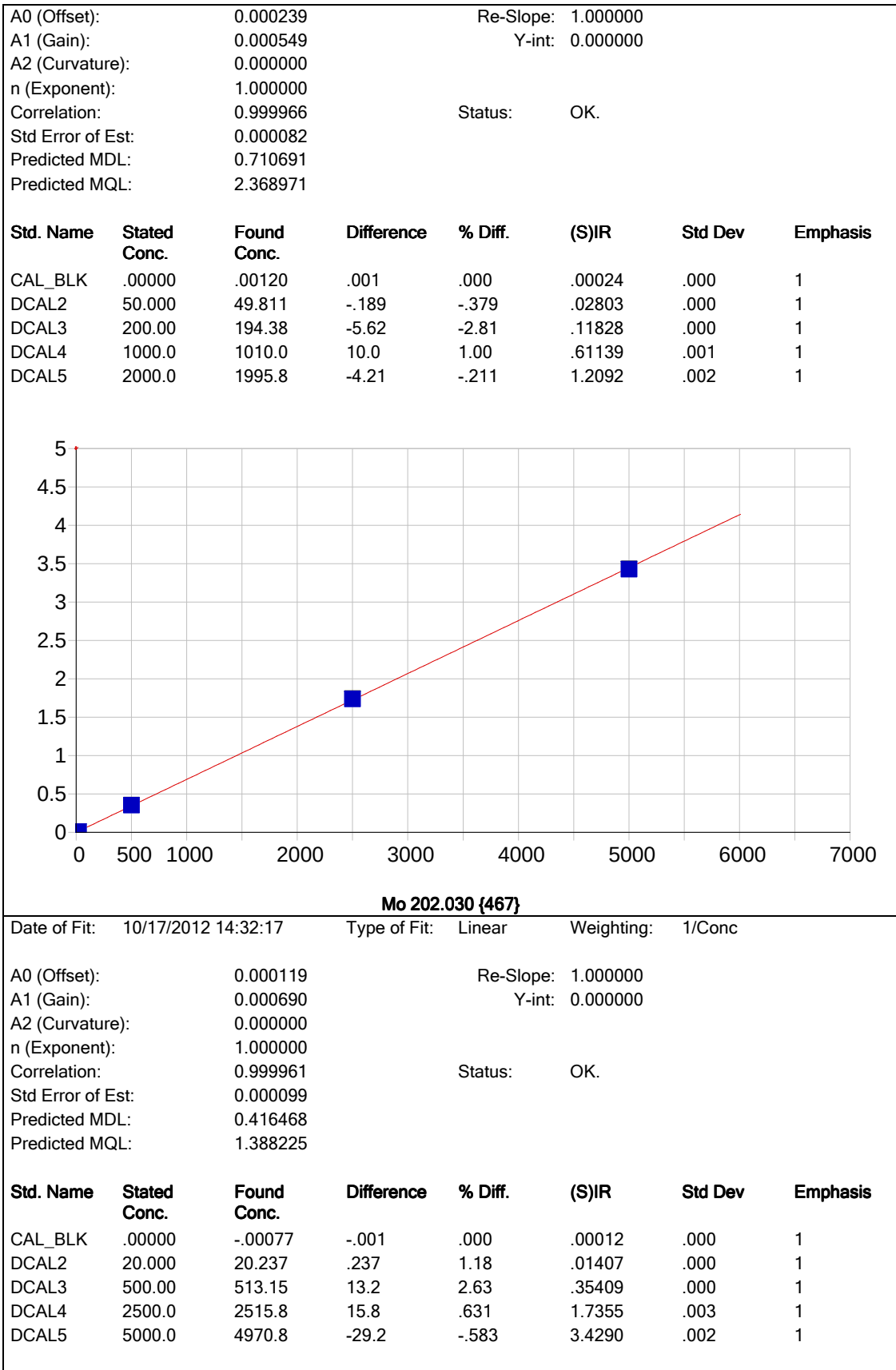
A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.001617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000312
 Predicted MDL: 0.207984
 Predicted MQL: 0.693280

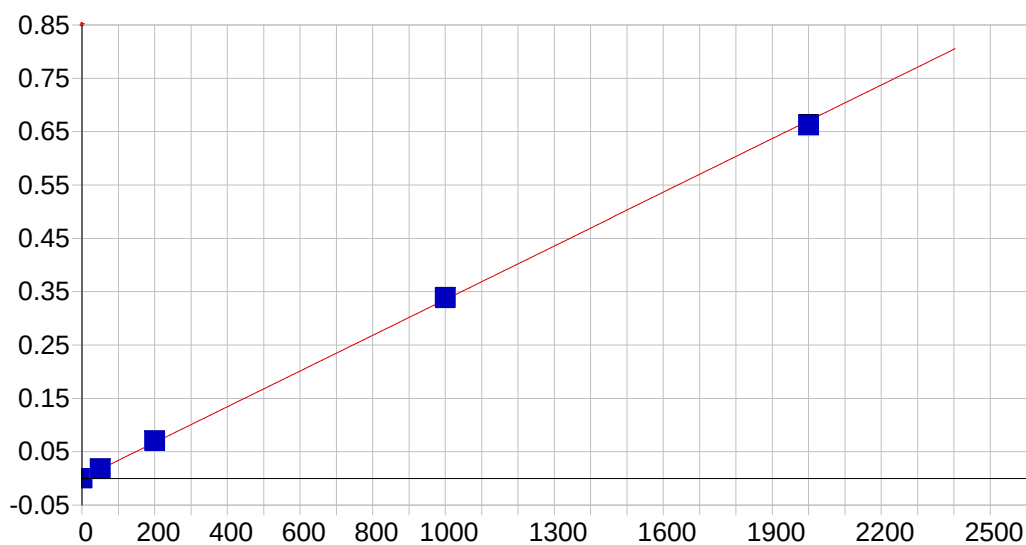
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00178	-.002	.000	.00021	.000	1
DCAL2	30.000	31.414	1.41	4.71	.05103	.000	1
DCAL3	500.00	525.97	26.0	5.19	.85115	.002	1
DCAL4	2500.0	2529.3	29.3	1.17	4.0923	.007	1
DCAL5	5000.0	4942.5	-57.5	-1.15	7.9967	.005	1
DCAL1	10.000	10.785	.785	7.85	.01766	.000	1



B 208.959 {461}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc



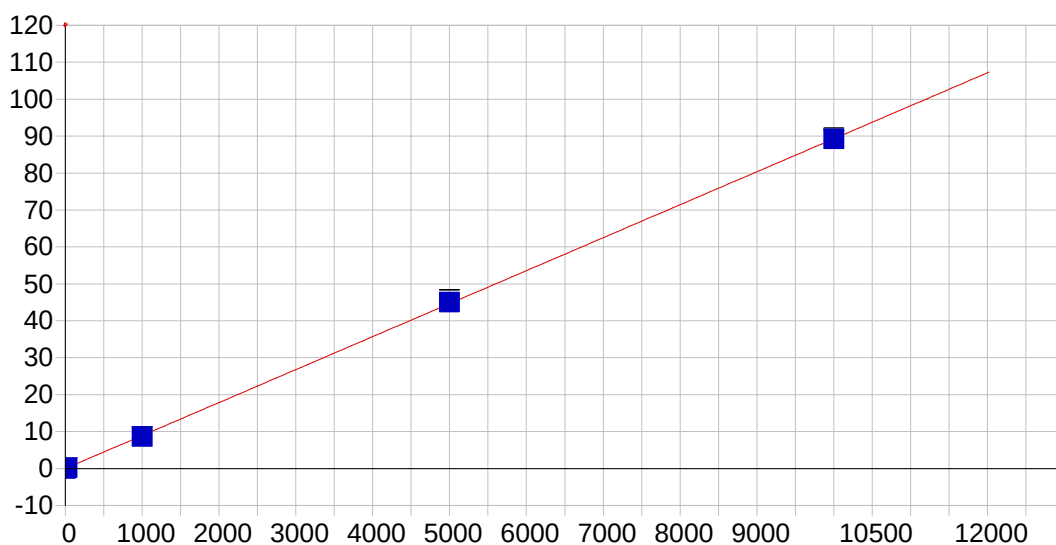


Sn 189.989 {477}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.000335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.782726
 Predicted MQL: 2.609088

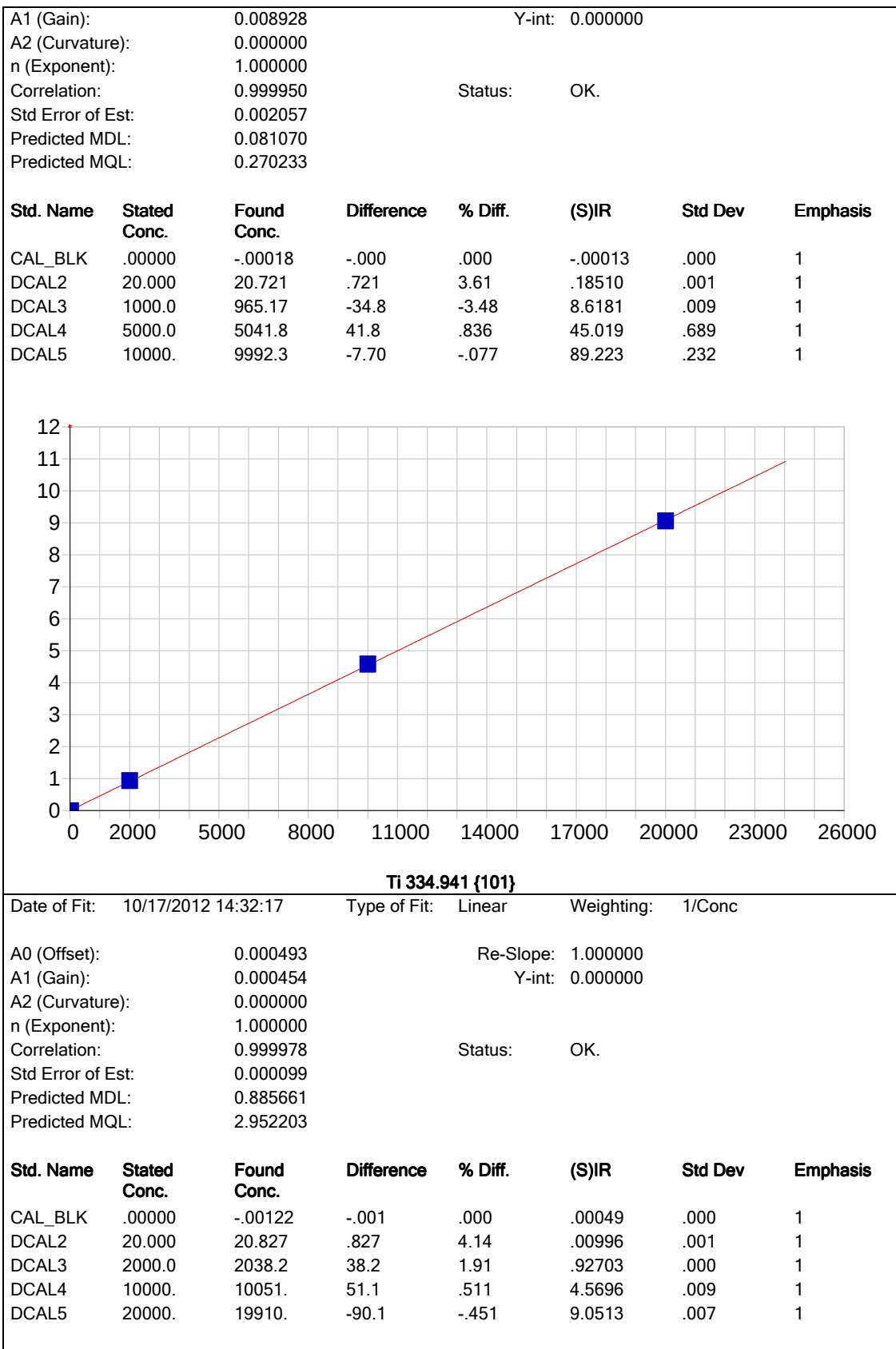
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00533	-.005	.000	.00012	.000	1
DCAL2	50.000	52.836	2.84	5.67	.01783	.000	1
DCAL3	200.00	210.20	10.2	5.10	.07037	.000	1
DCAL4	1000.0	1010.7	10.7	1.07	.33785	.001	1
DCAL5	2000.0	1976.3	-23.7	-1.19	.66049	.001	1

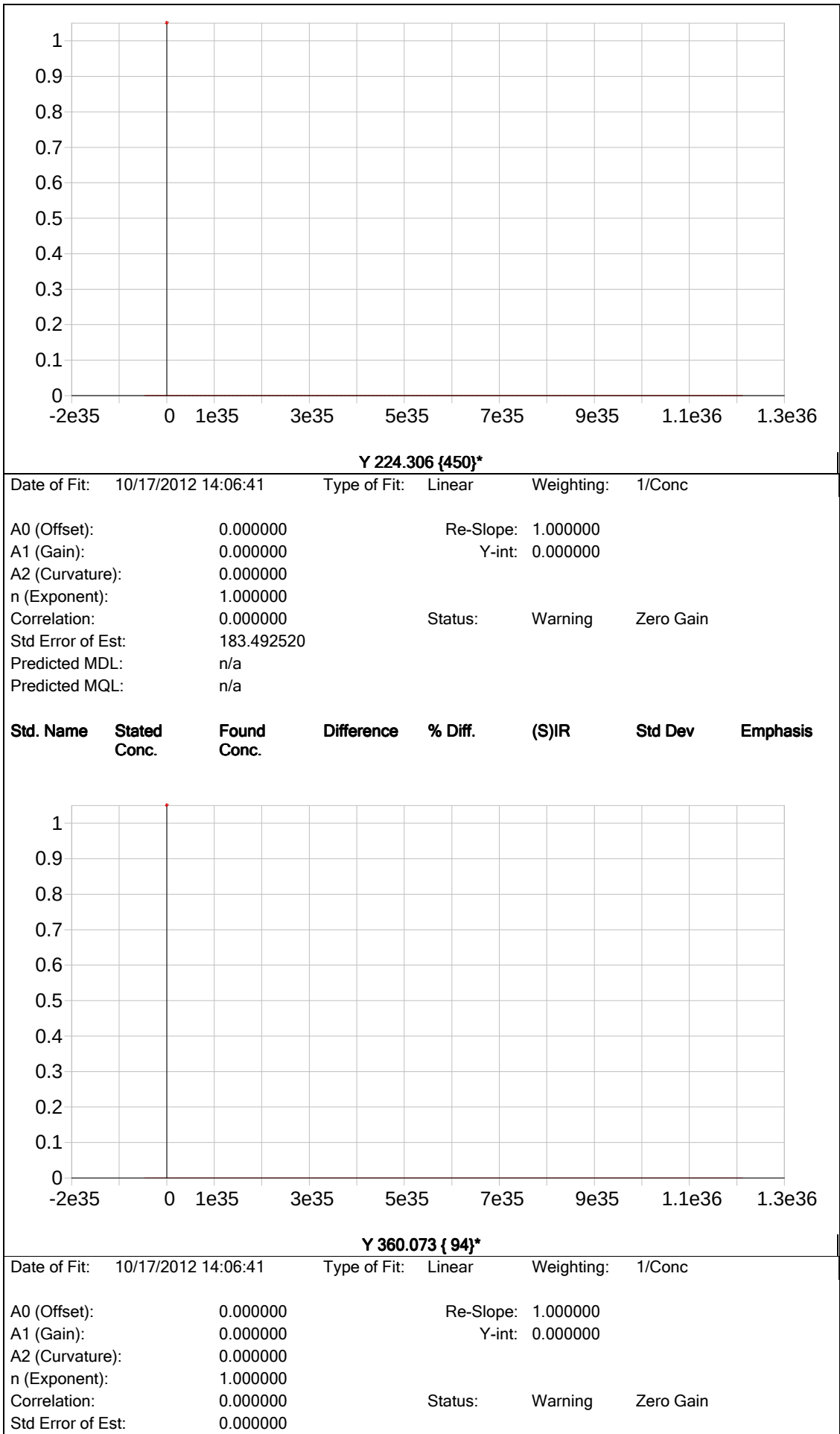


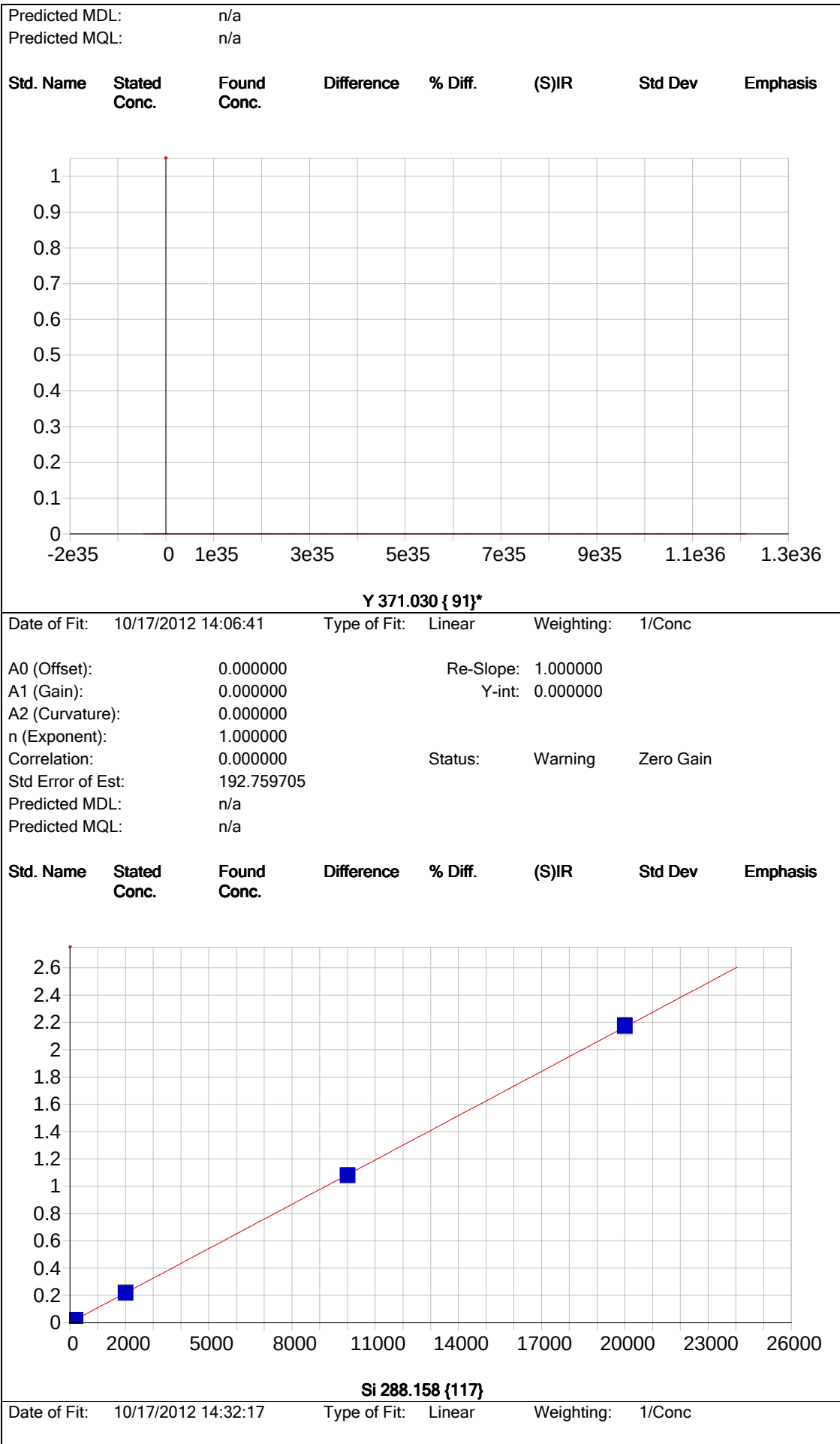
Sr 407.771 {83}

Date of Fit: 10/17/2012 14:32:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000126 Re-Slope: 1.000000







A0 (Offset):	0.002019	Re-Slope:	1.000000
A1 (Gain):	0.000108	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	12.831532		
Predicted MQL:	42.771775		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01450	.015	.000	.00202	.001	1
DCAL2	200.00	185.53	-14.5	-7.23	.02209	.001	1
DCAL3	2000.0	2002.8	2.82	.141	.21791	.002	1
DCAL4	10000.	9956.9	-43.1	-.431	1.0753	.001	1
DCAL5	20000.	20055.	54.8	.274	2.1638	.008	1

Sample Name: CAL_BLK Acquired: 10/17/2012 14:10:40 Type: Cal
Method: SW846_101712 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0015	.0000	-.0001	-.0002	-.0001	.0011
Stddev	.0005	.0001	.0000	.0001	.0003	.0007
%RSD	34.76	252.5	12.72	83.57	339.5	60.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0015	.0032	.0000	.0015	-.0000	.0086
Stddev	.0001	.0004	.0000	.0002	.0000	.0006
%RSD	6.353	11.53	138.7	12.11	151.9	6.996

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0000	.0000	.0014	.0002	-.0004	.0001
Stddev	.0000	.0000	.0009	.0002	.0005	.0002
%RSD	69.03	36.64	60.15	99.92	114.1	186.1

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0001	.0001	.0002	.0002	.0001
Stddev	.0001	.0002	.0001	.0002	.0002	.0001
%RSD	107.4	181.2	98.43	95.96	64.68	79.77

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0001	.0005	.0020
Stddev	.0002	.0003	.0003	.0013
%RSD	193.4	211.5	55.02	65.53

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1786.8	37782.	8917.4
Stddev	2.8	51.	76.5
%RSD	.15892	.13466	.85760

Sample Name: DCAL1 Acquired: 10/17/2012 14:14:23 Type: Cal
 Method: SW846_101712 Mode: IR Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0031	.0009	.0063	.0177
Stddev	.0002	.0000	.0004	.0002
%RSD	6.509	2.585	6.031	.8883

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1787.3	37864.	8934.1
Stddev	3.2	57.	72.8
%RSD	.17745	.15011	.81444

Sample Name: DCAL2 Acquired: 10/17/2012 14:18:06 Type: Cal
Method: SW846_101712 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0119	.0005	.0016	.2183	.0094	.4291
Stddev	.0006	.0002	.0001	.0002	.0002	.0008
%RSD	5.331	46.92	4.336	.0885	2.640	.1951

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0102	.0807	.0013	.0053	.0012	.3236
Stddev	.0001	.0005	.0000	.0003	.0000	.0013
%RSD	.9864	.6656	1.882	5.952	2.553	.3900

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0648	.0126	1.377	.0228	.0011	.0015
Stddev	.0003	.0000	.005	.0001	.0004	.0002
%RSD	.5060	.3512	.3954	.5626	39.82	14.57

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0014	.0089	.0510	.0280	.0141
Stddev	.0001	.0000	.0001	.0004	.0002	.0001
%RSD	42.49	3.627	1.059	.7116	.5603	.9434

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0178	.1851	.0100	.0221
Stddev	.0003	.0013	.0005	.0007
%RSD	1.832	.7249	5.345	3.229

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1778.3	37491.	8921.9
Stddev	1.3	95.	33.9
%RSD	.07308	.25225	.38044

Sample Name: DCAL3 Acquired: 10/17/2012 14:21:48 Type: Cal
Method: SW846_101712 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.718	.0611	.0410	2.186	.9278	2.127
Stddev	.003	.0005	.0001	.003	.0012	.006
%RSD	.1630	.7728	.2950	.1266	.1306	.3004

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7308	.7778	.1214	.3430	.1564	.6461
Stddev	.0013	.0016	.0003	.0009	.0006	.0023
%RSD	.1747	.2102	.2566	.2697	.3549	.3499

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3214	.7987	6.901	.2740	.3723	.0285
Stddev	.0011	.0035	.007	.0008	.0011	.0002
%RSD	.3304	.4324	.1074	.3019	.3042	.5297

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0269	.0492	.0897	.8512	.1183	.3541
Stddev	.0003	.0003	.0002	.0023	.0002	.0004
%RSD	1.019	.6841	.1696	.2717	.1929	.1153

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0704	8.618	.9270	.2179
Stddev	.0004	.009	.0003	.0024
%RSD	.5634	.1028	.0351	1.115

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1727.3	36295.	8904.3
Stddev	1.8	46.	67.4
%RSD	.10310	.12718	.75693

Sample Name: DCAL4 Acquired: 10/17/2012 14:25:15 Type: Cal
Method: SW846_101712 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.643	.3125	.2099	10.36	4.719	10.40
Stddev	.011	.0005	.0003	.01	.008	.01
%RSD	.1277	.1518	.1592	.0957	.1618	.1005

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.547	3.688	.6144	1.777	.7521	3.217
Stddev	.006	.004	.0001	.003	.0011	.007
%RSD	.1655	.1036	.0157	.1634	.1455	.2141

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.596	3.955	34.00	1.303	1.835	.1445
Stddev	.004	.005	.08	.002	.004	.0004
%RSD	.2754	.1236	.2363	.1826	.2194	.2993

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1361	.2263	.4398	4.092	.6114	1.736
Stddev	.0002	.0006	.0006	.007	.0015	.003
%RSD	.1743	.2826	.1278	.1752	.2393	.1803

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3379	45.02	4.570	1.075
Stddev	.0006	.69	.009	.001
%RSD	.1729	1.531	.1913	.1260

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1620.6	33865.	8634.6
Stddev	1.9	77.	39.8
%RSD	.11866	.22753	.46098

Sample Name: DCAL5 Acquired: 10/17/2012 14:28:46 Type: Cal
Method: SW846_101712 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.44	.6347	.4303	20.22	9.361	19.96
Stddev	.02	.0020	.0010	.02	.001	.02
%RSD	.1380	.3184	.2310	.1179	.0105	.1100

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.925	7.246	1.221	3.574	1.469	6.479
Stddev	.004	.003	.000	.003	.001	.010
%RSD	.0557	.0398	.0231	.0884	.0724	.1495

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.153	7.667	66.66	2.551	3.567	.2941
Stddev	.004	.004	.58	.004	.003	.0010
%RSD	.1286	.0497	.8726	.1667	.0795	.3234

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2750	.4324	.8722	7.997	1.209	3.429
Stddev	.0007	.0001	.0011	.005	.002	.002
%RSD	.2368	.0152	.1304	.0674	.1761	.0518

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6605	89.22	9.051	2.164
Stddev	.0011	.23	.007	.008
%RSD	.1593	.2598	.0826	.3810

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1537.1	32496.	8449.1
Stddev	1.3	26.	42.9
%RSD	.08592	.08093	.50779

Sample Name: CCV Acquired: 10/17/2012 14:32:22 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	2478.	1225.	10050.	1004.	128800.
Stddev	268.	12.	5.	13.	3.	194.
%RSD	.2151	.4716	.4407	.1310	.3025	.1505

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1255.	2500.	4997.	12490.	100500.	50180.
Stddev	1.	5.	12.	14.	213.	244.
%RSD	.0475	.1844	.2310	.1143	.2121	.4866

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125200.	5076.	126800.	2528.	7651.	1003.
Stddev	125.	9.	407.	4.	12.	6.
%RSD	.0995	.1774	.3207	.1601	.1559	.5582

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2459.	2540.	2482.	2491.	993.5	2517.
Stddev	12.	9.	7.	3.	1.7	2.
%RSD	.4725	.3630	.2911	.1149	.1715	.0755

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 14:32:22 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1007.	4976.	10120.	9801.
Stddev	2.	91.	34.	41.
%RSD	.1948	1.837	.3388	.4183

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1617.4	33879.	8603.3
Stddev	1.9	36.	42.1
%RSD	.11561	.10701	.48979

Sample Name: CCB Acquired: 10/17/2012 14:35:51 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.97	.0003	-.5383	.3796	.0624	11.93
Stddev	6.91	1.277	.3191	.3302	.0579	11.40
%RSD	46.18	376500.	59.28	86.98	92.83	95.52

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0842	.4632	.6471	1.636	7.632	122.5
Stddev	.0541	.2810	.5632	5.113	8.392	36.3
%RSD	64.23	60.68	87.03	312.6	110.0	29.60

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.00	.3318	71.64	.6370	1.174	2.577
Stddev	7.17	.3068	31.33	.4460	.940	2.203
%RSD	71.68	92.45	43.73	70.02	80.03	85.47

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.569	2.365	.0193	.4045	2.585	1.837
Stddev	3.196	.394	.9302	.0282	.370	.547
%RSD	203.6	16.67	4819.	6.966	14.30	29.80

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

Sample Name: CCB Acquired: 10/17/2012 14:35:51 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2970	.5509	1.973	5.509
Stddev	.8860	.3864	.651	11.01
%RSD	298.3	70.14	32.98	199.9

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1785.0	37793.	8867.4
Stddev	3.3	74.	21.9
%RSD	.18649	.19704	.24660

Sample Name: IC5A 1552029 Acquired: 10/17/2012 14:39:36 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	499600.	-1.364	-.6740	-1.155	-.0289	455900.
Stddev	4129.	2.282	.2540	.125	.0351	1392.
%RSD	.8265	167.3	37.68	10.81	121.6	.3054

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6149	-.4625	1.611	-.7953	196600.	197.3
Stddev	.2757	.3636	1.417	2.896	743.	13.9
%RSD	44.84	78.60	87.93	364.2	.3779	7.048

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	499500.	1.679	38.09	-2.181	-.7229	-7.722
Stddev	1246.	.101	26.59	.205	3.785	3.724
%RSD	.2496	6.000	69.81	9.420	523.6	48.23

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3988	3.018	-1.309	-1.053	.4124	-.8571
Stddev	3.219	4.159	.515	.551	1.942	.3396
%RSD	807.2	137.8	39.38	52.28	470.9	39.62

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

Sample Name: IC5A 1552029 Acquired: 10/17/2012 14:39:36 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.824	-.0807	-.7461	-6.696
Stddev	.136	.0644	1.456	9.768
%RSD	7.430	79.82	195.1	145.9

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1542.5	31932.	8376.9
Stddev	3.6	183.	36.2
%RSD	.23038	.57358	.43169

Sample Name: ICSAB 1604491 Acquired: 10/17/2012 14:43:34 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	502300.	94.37	101.0	97.64	97.92	449100.
Stddev	4298.	3.79	.4	.25	.21	6679.
%RSD	.8556	4.015	.4183	.2531	.2122	1.487

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94.41	94.27	98.70	100.3	196800.	10440.
Stddev	.53	.48	.72	1.5	449.	39.
%RSD	.5564	.5077	.7283	1.472	.2283	.3725

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	503200.	101.5	10490.	91.54	90.21	92.74
Stddev	985.	.2	34.	.25	1.88	2.53
%RSD	.1957	.1904	.3215	.2697	2.084	2.729

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	90.35	91.83	95.50	92.85	96.96	94.33
Stddev	7.76	.56	.65	.11	1.81	1.28
%RSD	8.593	.6109	.6760	.1230	1.870	1.360

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

Sample Name: ICSAB 1604491 Acquired: 10/17/2012 14:43:34 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	91.55	98.91	95.38	44.78
Stddev	.78	.40	.05	10.95
%RSD	.8473	.4049	.0564	24.46

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1560.1	32257.	8475.8
Stddev	2.2	14.	35.9
%RSD	.14369	.04365	.42385

Sample Name: INT-10 1790436 Acquired: 10/17/2012 14:47:25 Type: QC

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.493	-.2073	-2.988	-1.538	.6169	53.91
Stddev	19.21	2.300	.774	.398	.0490	28.50
%RSD	1286.	1110.	25.91	25.85	7.950	52.87

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.401	10660.	9977.	-3.691	10.94	66.04
Stddev	.089	11.	34.	2.262	2.75	18.04
%RSD	6.338	.1011	.3424	61.29	25.16	27.32

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-60.54	10150.	46.72	10810.	-3.917	-9.821
Stddev	26.80	34.	7.47	16.	1.150	1.829
%RSD	44.28	.3315	16.00	.1507	29.37	18.62

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.780	-1.771	4864.	-2.060	.0191	4999.
Stddev	2.054	.801	9.	.243	1.575	11.
%RSD	73.88	45.26	.1927	11.81	8230.	.2273

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

Sample Name: INT-10 1790436 Acquired: 10/17/2012 14:47:25 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10570.	9805.	9418.	9622.
Stddev	6.	114.	10.	174.
%RSD	.0602	1.158	.1097	1.803

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1768.8	37857.	8937.5
Stddev	2.4	109.	44.5
%RSD	.13563	.28824	.49760

Sample Name: 460-45847-e-2-b du Acquired: 10/17/2012 14:51:07 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.950	-1.416	.3289	41.18	.0141	35230.
Stddev	10.58	1.196	.1246	.32	.0139	66.
%RSD	106.4	84.44	37.89	.7852	98.99	.1863

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1041	.6434	.4784	-.0426	8.848	1814.
Stddev	.0879	.1063	1.056	1.466	9.253	16.
%RSD	84.41	16.53	220.6	3439.	104.6	.8664

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10920.	1.816	14790.	2.033	3.026	-.5044
Stddev	48.	.857	22.	.628	.932	1.248
%RSD	.4391	47.15	.1463	30.90	30.79	247.5

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.599	.4293	1.027	1.338	83.97	2.793
Stddev	1.100	2.723	.529	.263	.25	.791
%RSD	42.32	634.2	51.50	19.61	.2940	28.31

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

Sample Name: 460-45847-e-2-b du Acquired: 10/17/2012 14:51:07 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.205	116.5	3.395	10730.
Stddev	.683	1.3	.603	18.
%RSD	56.70	1.107	17.77	.1643

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1781.2	37461.	9135.0
Stddev	8.2	205.	53.7
%RSD	.46033	.54654	.58816

Sample Name: 460-45847-e-2-a Acquired: 10/17/2012 14:54:49 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.453	-.0144	.0311	42.08	-.0713	35900.
Stddev	5.670	1.345	.0415	.40	.0482	41.
%RSD	164.2	9311.	133.4	.9506	67.52	.1144

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1461	-.0716	-.0817	1.024	-6.259	1839.
Stddev	.0863	.2179	.0931	1.016	13.57	12.
%RSD	59.09	304.4	113.9	99.23	216.8	.6410

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11070.	1.268	15060.	.9496	2.094	-1.416
Stddev	20.	.032	29.	.3898	.918	2.753
%RSD	.1789	2.503	.1928	41.05	43.87	194.5

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.746	.0078	.3638	1.054	85.89	.1571
Stddev	5.440	1.836	.4319	.161	.41	.3419
%RSD	311.6	23590.	118.7	15.23	.4801	217.6

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

Sample Name: 460-45847-e-2-a Acquired: 10/17/2012 14:54:49 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2717	117.1	3.262	10950.
Stddev	.4241	.2	.433	46.
%RSD	156.1	.1689	13.26	.4219

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1779.2	37521.	9123.5
Stddev	1.9	197.	58.9
%RSD	.10868	.52483	.64599

Sample Name: sd 460-45847-e-2-a@5 Acquired: 10/17/2012 14:58:30 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.337	-1.698	.0248	8.434	.0075	7151.
Stddev	5.393	.677	.8239	.015	.0566	8.
%RSD	85.11	39.87	3326.	.1751	758.5	.1170

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0935	.3449	.3875	-1.171	6.795	363.3
Stddev	.0716	.1585	.1198	.234	2.390	7.8
%RSD	76.60	45.95	30.92	19.95	35.17	2.136

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2179.	.3064	3010.	.6994	1.869	-.0486
Stddev	8.	.0491	4.	.7537	3.279	1.871
%RSD	.3689	16.03	.1229	107.8	175.4	3849.

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.290	.4249	.1442	1.045	16.46	.2763
Stddev	3.283	1.564	.3139	.146	.26	.0904
%RSD	76.54	368.1	217.7	13.93	1.591	32.70

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

Sample Name: sd 460-45847-e-2-a@5 Acquired: 10/17/2012 14:58:30 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0478	23.42	.9555	2078.
Stddev	.2247	.11	.0336	20.
%RSD	470.3	.4556	3.519	.9517

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1797.5	38066.	9034.2
Stddev	2.3	52.	39.7
%RSD	.12772	.13634	.43937

Sample Name: 460-45948-f-1-a Acquired: 10/17/2012 15:09:00 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63.32	1.737	.1185	17.24	-.0438	14600.
Stddev	11.75	2.049	.0443	.15	.0513	11.
%RSD	18.56	118.0	37.41	.8438	117.1	.0782

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1960	.3042	8.132	.5040	95.08	24980.
Stddev	.1604	.1033	.372	.3018	12.21	50.
%RSD	81.86	33.95	4.577	59.89	12.84	.2017

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14050.	16.93	F 316300.	4.890	5.931	3.290
Stddev	78.	.15	2514.	.192	1.068	2.843
%RSD	.5527	.8621	.7949	3.919	18.01	86.41

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.316	1.036	1.036	1.394	237.6	6.063
Stddev	.571	.037	.200	.113	.5	.169
%RSD	43.41	3.558	19.27	8.106	.2198	2.778

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

Sample Name: 460-45948-f-1-a Acquired: 10/17/2012 15:09:00 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0459	241.7	1.934	6629.
Stddev	.5804	.3	.569	39.
%RSD	1265.	.1087	29.43	.5853

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1688.8	35068.	9200.5
Stddev	7.2	88.	53.6
%RSD	.42750	.25204	.58248

Sample Name: lcs 460-132323/2-a Acquired: 10/17/2012 15:12:47 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1948.	1931.	47.80	2044.	49.63	20840.
Stddev	20.	4.	.68	8.	.25	61.
%RSD	1.011	.1844	1.418	.3673	.5121	.2943

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.84	503.3	196.6	242.7	1011.	19530.
Stddev	.09	2.2	.5	3.6	8.	32.
%RSD	.1784	.4442	.2314	1.465	.7798	.1638

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19990.	506.7	20290.	517.0	523.9	476.5
Stddev	38.	.3	12.	2.0	3.6	2.2
%RSD	.1895	.0579	.0597	.3938	.6864	.4606

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1951.	2223.	482.6	499.7	510.6	477.0
Stddev	15.	5.	.3	2.1	1.0	1.0
%RSD	.7803	.2417	.0675	.4211	.2030	.2151

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-132323/2-a Acquired: 10/17/2012 15:12:47 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	513.6	477.9	488.6	47.99
Stddev	1.8	1.9	.5	21.60
%RSD	.3539	.3982	.0951	45.01

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1767.6	37580.	9291.7
Stddev	9.2	245.	67.3
%RSD	.52217	.65258	.72439

Sample Name: CCV Acquired: 10/17/2012 15:16:12 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	2469.	1222.	9995.	990.5	126900.
Stddev	378.	3.	1.	9.	1.5	342.
%RSD	.3072	.1366	.0728	.0898	.1521	.2698

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1242.	2484.	4917.	12340.	98840.	49520.
Stddev	1.	3.	10.	6.	233.	140.
%RSD	.0439	.1175	.2038	.0482	.2358	.2820

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	5007.	125200.	2513.	7565.	1004.
Stddev	360.	7.	292.	2.	7.	6.
%RSD	.2934	.1390	.2333	.0748	.0890	.6424

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2459.	2514.	2460.	2450.	993.9	2493.
Stddev	4.	8.	3.	3.	2.9	2.
%RSD	.1545	.3326	.1250	.1113	.2921	.0801

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 15:16:12 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.0	4956.	10000.	9842.
Stddev	1.8	34.	24.	16.
%RSD	.1841	.6830	.2364	.1656

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1627.3	34375.	8839.3
Stddev	5.8	116.	64.3
%RSD	.35381	.33794	.72724

Sample Name: CCB Acquired: 10/17/2012 15:19:38 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.822	.2097	-.3379	.7145	.0239	9.846
Stddev	19.56	1.917	.3822	.4927	.0980	6.806
%RSD	250.0	914.0	113.1	68.96	410.0	69.12

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1145	.4034	.6140	3.292	7.176	95.88
Stddev	.0813	.1295	.5887	2.083	3.402	42.61
%RSD	70.98	32.10	95.88	63.27	47.41	44.43

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.537	.3893	63.61	.3267	1.879	3.424
Stddev	7.788	.3242	33.88	.5157	1.333	.997
%RSD	91.23	83.27	53.26	157.9	70.93	29.11

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.040	2.433	.3253	.3162	2.031	1.645
Stddev	1.821	2.806	.2389	.1621	.973	.353
%RSD	175.1	115.3	73.45	51.28	47.89	21.44

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

Sample Name: CCB Acquired: 10/17/2012 15:19:38 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5318	.4659	1.648	-3.092
Stddev	.3837	.3165	1.357	.425
%RSD	72.14	67.93	82.38	13.74

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1799.1	38403.	8935.7
Stddev	.4	79.	57.1
%RSD	.02198	.20457	.63887

Sample Name: mb 460-132323/1-a Acquired: 10/17/2012 15:23:19 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-12.36	-1.162	-.0554	.0908	-.0227	6.022
Stddev	10.92	2.387	.4859	.0814	.0628	2.562
%RSD	88.40	205.4	877.5	89.58	276.2	42.53

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0825	.1264	.1655	.8963	9.434	43.44
Stddev	.0274	.2904	.4083	4.012	4.501	11.54
%RSD	33.20	229.7	246.7	447.6	47.71	26.57

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.545	.0142	23.05	.4459	1.048	-1.529
Stddev	5.905	.0601	6.71	.4722	.958	1.248
%RSD	166.6	424.4	29.13	105.9	91.38	81.58

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.178	.1539	-.0700	1.047	1.065	.3058
Stddev	2.304	2.177	.5493	.106	.530	.3738
%RSD	195.6	1414.	784.4	10.11	49.78	122.2

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

Sample Name: mb 460-132323/1-a Acquired: 10/17/2012 15:23:19 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5177	.0828	.6869	14.92
Stddev	.3417	.1046	.7568	8.43
%RSD	66.01	126.3	110.2	56.51

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1830.7	39005.	9163.9
Stddev	10.7	421.	61.6
%RSD	.58445	1.0787	.67166

Sample Name: 460-45969-d-1-a Acquired: 10/17/2012 15:26:59 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.65	-1.400	-.4413	77.75	.0267	54690.
Stddev	11.12	.558	.5405	.21	.0423	99.
%RSD	35.15	39.83	122.5	.2678	158.6	.1815

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2831	-.0336	1348.	.2421	12.04	1570.
Stddev	.1393	.1792	4.	.7792	8.91	15.
%RSD	49.20	533.7	.2850	321.8	73.96	.9402

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6708.	9.639	29680.	1.799	3.829	2.264
Stddev	19.	.032	104.	.189	1.179	3.147
%RSD	.2866	.3286	.3492	10.50	30.80	139.0

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.715	-1.134	.8890	4.561	46.49	.0518
Stddev	1.420	3.627	.1029	.063	.66	.3280
%RSD	82.78	319.7	11.58	1.380	1.429	632.9

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

Sample Name: 460-45969-d-1-a Acquired: 10/17/2012 15:26:59 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5757	176.6	3.778	4028.
Stddev	.6818	.9	.230	17.
%RSD	118.4	.5218	6.077	.4101

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1755.0	37464.	9233.8
Stddev	5.4	245.	38.1
%RSD	.30697	.65466	.41279

Sample Name: 460-45969-b-2-a Acquired: 10/17/2012 15:30:38 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.01	-.6433	-.3198	55.85	.0261	54580.
Stddev	9.00	1.932	.2939	.27	.0230	239.
%RSD	29.98	300.2	91.91	.4809	87.98	.4376

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1998	.2992	796.3	30.88	873.7	1550.
Stddev	.0710	.2708	.8	1.77	7.7	20.
%RSD	35.51	90.50	.1051	5.743	.8836	1.292

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6856.	310.0	29820.	1.736	16.89	-.1707
Stddev	38.	.8	146.	.486	.35	.5526
%RSD	.5558	.2568	.4883	28.02	2.096	323.8

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7987	.9617	.0297	274.1	45.29	.6572
Stddev	1.947	2.414	.3935	.3	.67	.8973
%RSD	243.8	251.0	1326.	.1156	1.490	136.5

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

Sample Name: 460-45969-b-2-a Acquired: 10/17/2012 15:30:38 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1129	180.5	3.792	4036.
Stddev	1.273	.3	.046	32.
%RSD	1127.	.1707	1.224	.8000

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1757.6	37504.	9366.4
Stddev	6.3	109.	28.3
%RSD	.36022	.28959	.30222

Sample Name: 460-45969-b-3-a Acquired: 10/17/2012 15:34:13 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.179	-1.391	-.3596	9.974	.0199	7010.
Stddev	4.533	1.064	.2678	.237	.0708	35.
%RSD	384.5	76.50	74.49	2.372	356.8	.4997

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0965	.0177	8.840	6.371	18.51	304.4
Stddev	.0577	.0582	.419	2.652	2.39	21.6
%RSD	59.74	328.4	4.743	41.62	12.93	7.096

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	167.1	110.6	119600.	5.043	2.926	2.775
Stddev	2.7	.5	354.	.609	1.829	1.318
%RSD	1.616	.4382	.2962	12.07	62.52	47.50

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.372	2.491	-.0289	79.65	37.33	1.113
Stddev	1.585	.883	.4288	.32	.44	.208
%RSD	115.5	35.45	1483.	.4078	1.176	18.68

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

Sample Name: 460-45969-b-3-a Acquired: 10/17/2012 15:34:13 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5325	13.84	.6983	3958.
Stddev	.4322	.04	.0893	17.
%RSD	81.17	.2705	12.79	.4254

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1766.4	37184.	9319.7
Stddev	.2	130.	34.8
%RSD	.01184	.34966	.37315

Sample Name: 460-45969-d-4-a Acquired: 10/17/2012 15:37:51 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.19	-.0569	.2163	25.20	-.0297	75380.
Stddev	9.29	.2474	.2308	.33	.0935	249.
%RSD	19.68	434.5	106.7	1.307	314.5	.3297

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3744	.2578	333.6	4.094	57.43	1397.
Stddev	.0351	.2534	1.7	.771	5.58	7.
%RSD	9.388	98.29	.5061	18.82	9.712	.5309

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8105.	873.4	61660.	11.52	1.519	-2.877
Stddev	7.	1.4	182.	.78	1.991	1.654
%RSD	.0888	.1629	.2950	6.754	131.1	57.48

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.323	-.7988	.3482	6.540	66.28	-.2624
Stddev	3.176	.2224	.2650	.061	.26	.1765
%RSD	240.1	27.85	76.11	.9329	.3943	67.27

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

Sample Name: 460-45969-d-4-a Acquired: 10/17/2012 15:37:51 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0301	200.9	4.754	3818.
Stddev	.2400	.3	.356	46.
%RSD	797.0	.1645	7.496	1.192

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1757.0	37290.	9405.5
Stddev	8.3	155.	53.6
%RSD	.47245	.41568	.57018

Sample Name: 460-45969-b-5-a Acquired: 10/17/2012 15:41:28 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38.35	-.5228	-.0717	25.35	.0181	75790.
Stddev	14.80	.7521	.2574	.30	.0391	155.
%RSD	38.60	143.9	358.9	1.203	216.2	.2046

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2070	.4748	23.46	2.005	434.7	1401.
Stddev	.1406	.1444	.11	2.120	3.8	18.
%RSD	67.91	30.41	.4577	105.7	.8776	1.254

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8069.	602.0	62210.	19.72	3.782	.2251
Stddev	28.	.9	173.	.07	1.376	.9435
%RSD	.3449	.1470	.2775	.3755	36.38	419.2

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.200	4.088	-.2521	18.71	65.09	.0692
Stddev	2.654	4.564	.7038	.19	.12	.0714
%RSD	120.6	111.6	279.2	1.014	.1918	103.2

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

Sample Name: 460-45969-b-5-a Acquired: 10/17/2012 15:41:28 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2054	202.6	4.355	3793.
Stddev	.3896	.2	.060	69.
%RSD	189.7	.0833	1.381	1.818

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1762.0	37605.	9440.5
Stddev	5.5	80.	84.8
%RSD	.31189	.21399	.89839

Sample Name: 460-45969-b-6-a Acquired: 10/17/2012 15:45:06 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.43	.9564	.2239	32.65	-.0216	74740.
Stddev	3.80	.7886	.1578	.36	.0749	113.
%RSD	8.553	82.46	70.49	1.089	346.5	.1506

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1550	.8537	7.623	2.422	5.239	1378.
Stddev	.1004	.3534	.328	1.255	14.17	12.
%RSD	64.75	41.40	4.297	51.84	270.4	.8543

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8100.	807.3	61080.	1.100	2.241	1.627
Stddev	29.	1.3	95.	.598	1.738	2.068
%RSD	.3537	.1606	.1555	54.33	77.57	127.2

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.842	-.0305	.1813	4.316	60.19	.2682
Stddev	5.795	.6573	.4623	.221	.29	.5787
%RSD	150.8	2157.	255.0	5.124	.4755	215.8

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

Sample Name: 460-45969-b-6-a Acquired: 10/17/2012 15:45:06 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3781	209.3	4.215	3682.
Stddev	.6374	.2	1.011	41.
%RSD	168.6	.0989	23.99	1.115

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1762.7	37356.	9400.3
Stddev	3.4	213.	88.2
%RSD	.19432	.57149	.93805

Sample Name: 460-45847-f-1-a Acquired: 10/17/2012 15:48:44 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.392	-.5997	-.0631	41.89	-.0104	35700.
Stddev	13.18	1.073	.5768	.09	.0671	64.
%RSD	300.1	178.9	914.3	.2217	642.9	.1802

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1524	.0085	-.0284	-.5721	11.35	1823.
Stddev	.1264	.2826	.3777	1.310	7.37	11.
%RSD	82.95	3342.	1329.	228.9	64.89	.6262

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10880.	1.426	14990.	1.657	3.938	-.9155
Stddev	60.	.140	11.	.147	.924	1.374
%RSD	.5532	9.844	.0759	8.883	23.46	150.1

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.362	.4684	.0535	1.001	76.84	-.0730
Stddev	.777	1.526	.2043	.083	.02	.1538
%RSD	17.81	325.8	381.7	8.281	.0294	210.8

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

Sample Name: 460-45847-f-1-a Acquired: 10/17/2012 15:48:44 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5929	117.1	2.940	10990.
Stddev	.3659	.0	.768	60.
%RSD	61.71	.0325	26.14	.5449

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1796.3	38254.	9411.8
Stddev	2.8	112.	25.8
%RSD	.15456	.29226	.27373

Sample Name: 460-45847-e-3-a Acquired: 10/17/2012 15:52:22 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.529	-1.766	-.0846	42.29	-.0141	35370.
Stddev	4.216	.704	1.131	.44	.0140	24.
%RSD	93.09	39.85	1337.	1.030	99.54	.0677

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1888	.0286	.3678	.1033	8.272	1782.
Stddev	.0999	.0853	.1493	1.730	7.010	18.
%RSD	52.92	298.3	40.58	1675.	84.75	1.017

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10750.	1.385	14790.	1.235	1.837	2.052
Stddev	22.	.056	18.	.531	1.099	4.933
%RSD	.2042	4.070	.1208	43.01	59.84	240.4

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0158	3.554	1.326	.7710	95.31	.0321
Stddev	4.857	1.279	.324	.2189	.39	.4466
%RSD	30800.	35.99	24.45	28.40	.4045	1393.

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

Sample Name: 460-45847-e-3-a Acquired: 10/17/2012 15:52:22 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6566	115.3	1.910	10880.
Stddev	.5241	.1	.368	34.
%RSD	79.82	.0517	19.26	.3156

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1803.1	38428.	9504.2
Stddev	4.7	269.	4.0
%RSD	.26240	.70011	.04248

Sample Name: 460-45847-f-4-a Acquired: 10/17/2012 15:56:00 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.739	-.1711	-.2098	44.43	.0099	36820.
Stddev	3.761	1.810	.4792	.06	.0355	122.
%RSD	137.3	1058.	228.4	.1400	357.3	.3314

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2339	.0317	.3780	-.9929	11.58	1822.
Stddev	.0994	.1594	.0408	.6587	4.95	10.
%RSD	42.47	502.7	10.78	66.34	42.78	.5695

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10830.	.2039	14840.	1.028	1.760	1.332
Stddev	38.	.0376	50.	.563	2.068	2.791
%RSD	.3507	18.43	.3392	54.74	117.5	209.6

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.403	-.7473	1.020	.6438	92.37	-.1544
Stddev	1.166	3.035	.351	.0690	.63	.3348
%RSD	34.27	406.2	34.45	10.72	.6804	216.9

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

Sample Name: 460-45847-f-4-a Acquired: 10/17/2012 15:56:00 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0524	119.1	2.323	11120.
Stddev	.4999	.5	.113	90.
%RSD	953.9	.3861	4.859	.8057

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

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1805.1	38455.	9553.9
Stddev	5.4	174.	86.4
%RSD	.29883	.45336	.90389

Sample Name: CCV Acquired: 10/17/2012 15:59:39 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2433.	1199.	9878.	975.0	125000.
Stddev	173.	6.	1.	10.	2.3	262.
%RSD	.1422	.2342	.0604	.0987	.2313	.2095

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1226.	2452.	4854.	12160.	97230.	48950.
Stddev	2.	2.	21.	27.	313.	122.
%RSD	.1384	.0629	.4352	.2232	.3219	.2493

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	4935.	123500.	2488.	7465.	982.2
Stddev	694.	11.	280.	3.	16.	3.9
%RSD	.5741	.2253	.2265	.1177	.2161	.3976

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2416.	2469.	2426.	2423.	978.3	2459.
Stddev	5.	9.	7.	3.	2.9	2.
%RSD	.1904	.3510	.3071	.1170	.2937	.0635

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 15:59:39 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	980.2	4903.	9854.	9698.
Stddev	.7	80.	17.	23.
%RSD	.0758	1.624	.1766	.2338

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1645.0	34780.	8927.1
Stddev	5.5	31.	39.0
%RSD	.33193	.08924	.43728

Sample Name: CCB Acquired: 10/17/2012 16:03:07 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.032	.5053	.0412	.2991	.0233	11.45
Stddev	10.40	1.766	.3102	.1105	.1179	9.57
%RSD	511.8	349.6	753.0	36.95	506.5	83.61

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

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1211	.3411	.5268	1.622	21.56	76.25
Stddev	.1459	.1815	.5932	1.302	8.87	38.41
%RSD	120.5	53.21	112.6	80.23	41.12	50.37

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

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.556	.3876	52.81	.3091	1.168	-1.396
Stddev	6.701	.3069	29.01	.4756	.963	.256
%RSD	102.2	79.19	54.93	153.9	82.48	18.36

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

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6403	2.401	.1528	.6129	1.019	1.801
Stddev	.9299	1.226	.4366	.1110	.784	.390
%RSD	145.2	51.06	285.8	18.10	76.92	21.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 16:03:07 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1754	.4831	1.863	4.002
Stddev	.2111	.4337	1.096	8.665
%RSD	120.3	89.78	58.86	216.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1826.7	38955.	9142.2
Stddev	2.5	53.	30.4
%RSD	.13703	.13497	.33234

Sample Name: 460-45847-e-5-a Acquired: 10/17/2012 16:06:47 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.00	.0827	-.1426	40.26	.0286	39940.
Stddev	4.70	2.119	.5958	.42	.0770	29.
%RSD	29.41	2562.	417.9	1.041	269.6	.0727

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1669	.2088	.3534	.0951	5.918	1823.
Stddev	.1597	.3327	.2427	2.244	14.50	14.
%RSD	95.71	159.3	68.68	2359.	245.1	.7743

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11010.	.2164	14130.	1.213	1.412	.7920
Stddev	25.	.0135	9.	.361	1.647	1.270
%RSD	.2297	6.218	.0602	29.74	116.7	160.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5868	.7829	1.425	.6541	75.73	.1189
Stddev	3.291	2.163	.163	.0335	.66	.3422
%RSD	560.8	276.3	11.46	5.118	.8727	287.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45847-e-5-a Acquired: 10/17/2012 16:06:47 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2635	119.5	2.834	11010.
Stddev	1.082	.0	.739	66.
%RSD	410.6	.0412	26.08	.5995

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1816.2	38745.	9427.0
Stddev	11.4	271.	29.6
%RSD	.62943	.69946	.31427

Sample Name: 460-45847-e-6-a Acquired: 10/17/2012 16:10:26 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.73	.7872	.0553	47.75	.0407	33380.
Stddev	7.27	.1557	.2583	.17	.0567	141.
%RSD	57.10	19.78	467.2	.3654	139.2	.4225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0695	-.0104	.1972	.5993	5.252	1895.
Stddev	.0485	.1245	.2790	.6559	5.428	12.
%RSD	69.88	1201.	141.5	109.4	103.4	.6419

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13330.	.6047	18070.	1.609	2.407	1.101
Stddev	35.	.0761	77.	.098	.897	1.357
%RSD	.2631	12.58	.4239	6.072	37.27	123.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8044	.2371	.8967	.7828	196.7	.1091
Stddev	2.825	1.836	.2497	.1381	1.4	.1192
%RSD	351.2	774.2	27.85	17.64	.7276	109.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45847-e-6-a Acquired: 10/17/2012 16:10:26 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.009	110.3	2.687	10810.
Stddev	.574	.5	.247	76.
%RSD	56.86	.4202	9.184	.7062

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1801.9	38196.	9429.8
Stddev	3.7	203.	96.7
%RSD	.20722	.53180	1.0255

Sample Name: 460-45847-e-8-a Acquired: 10/17/2012 16:17:42 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.113	-.7394	.2914	40.47	-.0555	34240.
Stddev	10.86	1.360	.6036	.18	.0070	48.
%RSD	264.1	183.9	207.1	.4341	12.67	.1410

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1081	.2927	.0416	1.328	1.242	1767.
Stddev	.0931	.2999	.2302	.526	2.465	3.
%RSD	86.10	102.5	553.2	39.62	198.5	.1917

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10550.	1.426	14450.	1.595	2.971	.1578
Stddev	26.	.120	37.	.355	2.099	3.073
%RSD	.2430	8.412	.2534	22.24	70.66	1947.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.230	1.596	.2825	1.005	81.22	-.2940
Stddev	3.770	3.178	.6161	.196	.46	.0443
%RSD	306.4	199.1	218.1	19.52	.5690	15.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45847-e-8-a Acquired: 10/17/2012 16:17:42 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6153	111.8	2.729	10390.
Stddev	.2478	.4	.552	42.
%RSD	40.27	.3378	20.23	.4067

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1807.5	38188.	9294.3
Stddev	4.5	185.	66.0
%RSD	.25157	.48526	.70965

Sample Name: 460-45872-d-1-a@3 Acquired: 10/17/2012 16:21:21 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	155.2	-.4742	.5433	3.334	-.0050	119400.
Stddev	20.0	1.174	.2297	.255	.0365	156.
%RSD	12.92	247.5	42.29	7.639	725.8	.1307

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0316	11.95	-.4930	.4207	446.1	17570.
Stddev	.1358	.29	1.182	.6095	10.6	113.
%RSD	429.5	2.461	239.7	144.9	2.373	.6403

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50110.	2754.	F 663500.	20.37	3.479	.9476
Stddev	188.	7.	10930.	1.18	.820	1.912
%RSD	.3754	.2435	1.648	5.805	23.58	201.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.955	.5989	1.562	16.93	88.80	.4192
Stddev	4.863	1.801	.185	.13	.47	.2371
%RSD	123.0	300.8	11.83	.7490	.5290	56.57

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45872-d-1-a@3 Acquired: 10/17/2012 16:21:21 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.682	500.1	7.581	338.1
Stddev	.335	.3	.016	14.0
%RSD	9.107	.0612	.2122	4.143

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1586.5	33128.	9048.8
Stddev	1.1	71.	62.3
%RSD	.06857	.21489	.68889

Sample Name: 460-45899-a-1-a Acquired: 10/17/2012 16:25:07 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	177.6	-.9425	.0943	140.5	-.0027	25050.
Stddev	6.2	1.370	.2272	.4	.0593	49.
%RSD	3.494	145.3	240.9	.3034	2168.	.1937

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5568	2.644	1.067	3.963	55.14	3172.
Stddev	.1763	.082	.066	3.022	7.96	39.
%RSD	31.66	3.101	6.170	76.25	14.44	1.234

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7422.	300.1	34230.	7.682	85.05	3.668
Stddev	18.	.9	111.	.479	1.15	.323
%RSD	.2401	.2917	.3247	6.241	1.352	8.814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.528	1.574	.7857	63.44	155.2	.7953
Stddev	1.242	1.435	.4427	.38	1.2	.0154
%RSD	49.14	91.18	56.34	.5935	.7917	1.932

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45899-a-1-a Acquired: 10/17/2012 16:25:07 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6267	122.6	2.396	2261.
Stddev	.3485	.3	.448	18.
%RSD	55.61	.2241	18.69	.8036

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1807.9	38147.	9364.5
Stddev	8.5	253.	97.1
%RSD	.46774	.66295	1.0364

Sample Name: 460-45901-a-1-a Acquired: 10/17/2012 16:28:45 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12200.	27.01	.8865	364.6	4.467	47900.
Stddev	14.	.92	.7179	1.0	.069	139.
%RSD	.1169	3.404	80.98	.2634	1.553	.2902

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.143	8.288	16.64	68.81	2984.	4106.
Stddev	.155	.027	.69	.53	18.	12.
%RSD	7.215	.3299	4.129	.7664	.5912	.3011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18920.	1042.	48420.	75.90	F 17270.	56.44
Stddev	54.	2.	169.	.85	36.	.90
%RSD	.2833	.1534	.3490	1.123	.2110	1.596

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0187	2.732	23.92	385.1	212.1	1.064
Stddev	3.659	2.106	.17	1.7	.8	.087
%RSD	19610.	77.08	.7102	.4476	.3822	8.232

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45901-a-1-a Acquired: 10/17/2012 16:28:45 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.597	244.2	28.06	13540.
Stddev	.585	.6	.68	92.
%RSD	6.799	.2327	2.417	.6766

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1834.9	38420.	9384.3
Stddev	4.4	281.	91.4
%RSD	.23725	.73120	.97361

Sample Name: 460-45968-f-1-a Acquired: 10/17/2012 16:32:18 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	212.6	3.493	-.1127	31.04	-.0127	64000.
Stddev	5.0	.377	.7982	.30	.0860	95.
%RSD	2.350	10.79	708.3	.9783	677.4	.1484

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2132	.7846	1.872	11.38	470.7	32120.
Stddev	.1384	.2516	.158	1.57	10.7	22.
%RSD	64.89	32.07	8.430	13.81	2.262	.0680

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12540.	94.03	43890.	4.169	2.765	1.244
Stddev	28.	.27	67.	.059	.884	1.021
%RSD	.2193	.2849	.1534	1.403	31.98	82.07

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4501	-.3370	4.277	13.03	189.6	1.321
Stddev	1.613	1.703	.233	.10	.4	.495
%RSD	358.3	505.4	5.438	.7812	.2005	37.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45968-f-1-a Acquired: 10/17/2012 16:32:18 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-6195	321.6	10.73	9376.
Stddev	.5258	.4	.39	10.
%RSD	84.87	.1294	3.591	.1054

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1760.0	37320.	9279.7
Stddev	4.5	277.	32.9
%RSD	.25308	.74326	.35499

Sample Name: 460-45954-c-1-a Acquired: 10/17/2012 16:35:55 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.71	.2166	-.1072	17.45	.0339	9831.
Stddev	13.43	2.597	.3166	.13	.0300	34.
%RSD	42.34	1199.	295.2	.7448	88.59	.3506

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1509	.1567	.7535	44.04	207.1	5909.
Stddev	.0604	.1343	.1538	1.38	2.5	5.
%RSD	40.01	85.69	20.41	3.123	1.231	.0839

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1976.	4.780	77560.	2.535	2.940	-.4337
Stddev	8.	.029	158.	.553	1.353	1.270
%RSD	.4054	.5965	.2035	21.82	46.01	292.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.237	1.441	-.2328	115.8	30.62	.4977
Stddev	2.557	2.281	.6862	.5	.83	.2270
%RSD	60.34	158.3	294.8	.4240	2.720	45.61

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45954-c-1-a Acquired: 10/17/2012 16:35:55 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3657	27.09	4.565	2630.
Stddev	.2987	.10	.441	21.
%RSD	81.68	.3816	9.651	.7891

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1773.9	37416.	9246.8
Stddev	11.1	357.	76.6
%RSD	.62457	.95379	.82854

Sample Name: lcssrm 460-132142/2- Acquired: 10/17/2012 16:39:32 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26400.	788.4	194.9	1028.	543.9	35550.
Stddev	126.	3.8	.2	2.	2.1	117.
%RSD	.4773	.4843	.1097	.2403	.3904	.3289

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	530.1	690.4	585.3	585.4	54110.	12450.
Stddev	.7	2.6	.6	.5	127.	33.
%RSD	.1392	.3806	.0993	.0835	.2339	.2612

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11130.	1742.	1622.	371.8	391.8	1037.
Stddev	29.	1.	16.	1.4	1.1	4.
%RSD	.2580	.0502	1.009	.3730	.2836	.3902

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	593.9	1114.	415.5	1368.	410.0	345.0
Stddev	1.8	2.	.7	2.	.7	1.3
%RSD	.3021	.1629	.1607	.1202	.1784	.3701

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-132142/2- Acquired: 10/17/2012 16:39:32 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	729.1	641.0	785.7	2005.
Stddev	2.4	1.1	2.8	36.
%RSD	.3357	.1732	.3553	1.781

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1831.7	38648.	9399.4
Stddev	14.6	368.	56.8
%RSD	.79780	.95266	.60424

Sample Name: CCV Acquired: 10/17/2012 16:42:54 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122300.	2426.	1198.	9880.	977.1	125600.
Stddev	234.	6.	3.	2.	.5	108.
%RSD	.1914	.2362	.2205	.0231	.0509	.0858

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1229.	2455.	4921.	12130.	98160.	49240.
Stddev	2.	.	11.	18.	263.	54.
%RSD	.1276	.0122	.2216	.1498	.2680	.1099

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	4974.	123900.	2501.	7488.	982.9
Stddev	405.	9.	211.	2.	6.	1.5
%RSD	.3293	.1778	.1703	.0643	.0794	.1480

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2407.	2449.	2444.	2453.	972.6	2449.
Stddev	6.	10.	2.	4.	1.2	3.
%RSD	.2291	.3892	.0689	.1746	.1242	.1331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 16:42:54 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	986.3	4848.	9846.	9478.
Stddev	.5	72.	7.	51.
%RSD	.0492	1.494	.0692	.5419

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1642.1	34371.	8603.0
Stddev	1.0	116.	32.0
%RSD	.06093	.33739	.37227

Sample Name: CCB Acquired: 10/17/2012 16:46:20 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.33	-2.690	-.3539	.4681	.0513	8.326
Stddev	14.52	2.268	.3213	.3406	.0660	18.92
%RSD	75.10	84.32	90.77	72.76	128.7	227.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2554	.2503	.5383	1.571	12.68	67.39
Stddev	.1871	.5884	.3529	3.099	11.73	11.72
%RSD	73.25	235.1	65.56	197.3	92.54	17.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.10	.4042	55.10	.9041	1.450	.6021
Stddev	8.85	.2967	23.15	.4412	1.017	2.029
%RSD	79.74	73.40	42.02	48.80	70.16	337.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8011	2.120	.3733	.5926	1.726	1.530
Stddev	4.834	1.017	.3465	.1343	1.131	.195
%RSD	603.5	47.98	92.83	22.66	65.49	12.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 16:46:20 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1482	.5037	2.020	-1.241
Stddev	.2617	.4380	.416	11.10
%RSD	176.5	86.97	20.60	894.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1820.1	38514.	8874.1
Stddev	2.5	12.	16.4
%RSD	.13649	.03200	.18451

Sample Name: mb 460-132142/1-a@2 Acquired: 10/17/2012 16:49:59 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.639	-1.295	-.2461	.0637	-.0887	35.36
Stddev	7.572	.680	.1556	.2065	.0309	4.73
%RSD	114.1	52.54	63.21	324.3	34.87	13.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0462	.0565	.1729	.4752	10.31	31.88
Stddev	.1818	.2352	.5317	2.178	6.44	21.85
%RSD	393.2	416.2	307.6	458.3	62.45	68.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.294	.0660	21.70	.1732	.9390	-.3360
Stddev	1.489	.0670	9.49	.3487	1.550	2.307
%RSD	115.1	101.5	43.75	201.4	165.0	686.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.393	.6153	.1369	.9670	4.116	.2763
Stddev	.175	1.662	.0586	.1481	.598	.0405
%RSD	7.335	270.1	42.84	15.31	14.52	14.65

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-132142/1-a@2 Acquired: 10/17/2012 16:49:59 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4480	.3359	.5350	15.67
Stddev	.4707	.0506	.1314	6.66
%RSD	105.1	15.06	24.56	42.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1785.5	37882.	8644.8
Stddev	14.5	463.	41.5
%RSD	.81230	1.2228	.48022

Sample Name: 460-45896-a-8-e@4 Acquired: 10/17/2012 16:57:21 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19960.	13.65	-1.1636	335.4	.9925	F 326400.
Stddev	45.	1.62	.3200	.8	.0355	2954.
%RSD	.2276	11.89	195.7	.2307	3.574	.9051

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1757	20.69	33.81	32.12	54830.	2019.
Stddev	.0645	.51	.56	.95	58.	14.
%RSD	36.74	2.442	1.643	2.966	.1063	.6884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23060.	2049.	236.9	57.19	24.70	-4.209
Stddev	42.	1.	4.5	.65	1.62	2.240
%RSD	.1825	.0665	1.882	1.142	6.573	53.23

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.53	2.251	28.43	137.1	10.03	.6409
Stddev	.41	1.646	.24	.4	1.11	.0354
%RSD	3.925	73.09	.8593	.3148	11.10	5.524

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45896-a-8-e@4 Acquired: 10/17/2012 16:57:21 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.170	441.5	31.92	567.5
Stddev	.135	1.5	.96	9.3
%RSD	11.51	.3335	3.007	1.645

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1730.8	36360.	8933.1
Stddev	5.3	141.	78.4
%RSD	.30704	.38687	.87763

Sample Name: sd 460-45896-a-8-e@2 Acquired: 10/17/2012 17:01:04 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3922.	2.151	-4.580	67.16	.1719	68550.
Stddev	33.	2.376	.2326	.19	.0222	73.
%RSD	.8367	110.5	50.79	.2770	12.90	.1069

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1569	4.211	6.955	6.312	11210.	403.8
Stddev	.1428	.145	.104	1.688	23.	14.3
%RSD	91.02	3.439	1.497	26.74	.2070	3.541

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4771.	417.5	50.81	12.43	6.163	-1.508
Stddev	10.	1.0	4.93	.47	1.280	3.450
%RSD	.2084	.2406	9.701	3.747	20.76	228.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.175	1.148	5.714	27.98	2.192	.0018
Stddev	1.792	2.220	.161	.05	.324	.3994
%RSD	152.5	193.3	2.812	.1686	14.80	22190.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-45896-a-8-e@2 Acquired: 10/17/2012 17:01:04 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3222	87.59	8.475	98.84
Stddev	.3864	.51	.273	12.23
%RSD	119.9	.5783	3.225	12.37

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1790.4	37716.	8993.2
Stddev	2.7	92.	28.9
%RSD	.15334	.24325	.32103

Sample Name: 460-45896-a-8-g.ms@4 Acquired: 10/17/2012 17:04:41 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19930.	951.8	22.69	1246.	25.35	F 281000.
Stddev	44.	2.2	.69	1.	.13	1853.
%RSD	.2215	.2283	3.054	.0413	.5282	.6596

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.90	252.5	128.4	145.9	48520.	12090.
Stddev	.07	.4	1.0	.3	64.	51.
%RSD	.2960	.1618	.7477	.2256	.1319	.4239

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29930.	1683.	10400.	284.3	271.1	179.7
Stddev	155.	5.	27.	.7	.7	1.7
%RSD	.5176	.2875	.2598	.2476	.2556	.9575

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	933.7	986.0	266.6	338.3	250.8	233.8
Stddev	6.1	1.8	1.4	1.4	.7	.6
%RSD	.6503	.1834	.5122	.4244	.2938	.2521

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45896-a-8-g ms@4 Acquired: 10/17/2012 17:04:41 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	239.9	598.6	242.0	1580.
Stddev	.6	1.1	1.2	7.
%RSD	.2692	.1788	.4772	.4583

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1717.7	36253.	9080.4
Stddev	9.9	352.	80.8
%RSD	.57843	.97148	.88993

Sample Name: pds 460-45896-a-8-e@ Acquired: 10/17/2012 17:08:21 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21700.	1788.	43.97	2184.	47.33	F 335800.
Stddev	23.	4.	.14	2.	.01	3284.
%RSD	.1068	.2285	.3198	.0737	.0210	.9780

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.61	466.2	211.8	256.2	55270.	20810.
Stddev	.12	.9	1.6	1.4	103.	45.
%RSD	.2624	.1851	.7333	.5340	.1857	.2154

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40280.	2488.	19630.	509.7	476.0	425.0
Stddev	57.	2.	19.	1.6	1.8	6.9
%RSD	.1422	.0997	.0987	.3157	.3680	1.625

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1756.	1839.	477.9	574.2	465.5	439.6
Stddev	5.	2.	.8	1.1	.9	.1
%RSD	.3119	.1196	.1689	.1933	.1902	.0223

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-45896-a-8-e@ Acquired: 10/17/2012 17:08:21 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	453.9	890.9	483.1	616.5
Stddev	1.3	1.6	2.0	16.9
%RSD	.2969	.1764	.4102	2.738

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1719.7	36418.	9106.7
Stddev	5.1	133.	17.4
%RSD	.29479	.36517	.19075

Sample Name: 460-45896-d-4-a@4 Acquired: 10/17/2012 17:11:52 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18750.	17.79	-.4242	331.9	.8400	F 296900.
Stddev	37.	1.32	.4190	1.2	.0380	2289.
%RSD	.1991	7.433	98.77	.3541	4.526	.7707

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0552	20.43	30.28	32.67	51440.	2094.
Stddev	.1554	.54	.42	.53	64.	13.
%RSD	281.4	2.656	1.394	1.615	.1235	.6160

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22380.	1790.	211.3	51.25	25.00	.6525
Stddev	69.	3.	1.4	.88	1.87	2.221
%RSD	.3095	.1418	.6717	1.723	7.469	340.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.78	.5100	25.75	115.3	11.84	.8510
Stddev	6.68	1.254	.16	.1	.10	.4516
%RSD	62.03	245.9	.6143	.1225	.8500	53.07

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45896-d-4-a@4 Acquired: 10/17/2012 17:11:52 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.163	390.7	28.94	561.8
Stddev	.555	.6	.44	10.0
%RSD	47.73	.1481	1.525	1.777

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1733.1	36830.	9117.5
Stddev	3.8	79.	56.8
%RSD	.21967	.21516	.62302

Sample Name: 460-45896-b-5-a@4 Acquired: 10/17/2012 17:15:34 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13330.	10.91	-3611	259.5	.7354	208200.
Stddev	32.	2.31	.4630	.3	.1300	511.
%RSD	.2392	21.15	128.2	.1223	17.68	.2455

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0957	13.96	24.32	22.12	37610.	2089.
Stddev	.0583	.25	.26	.93	105.	5.
%RSD	60.92	1.782	1.077	4.191	.2799	.2402

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15970.	1084.	172.5	35.04	19.06	-1.017
Stddev	89.	4.	6.4	.33	1.82	.809
%RSD	.5569	.3492	3.738	.9354	9.529	79.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.911	.9923	18.96	82.47	10.65	.2100
Stddev	3.079	2.831	.59	.13	.66	.6363
%RSD	52.08	285.3	3.133	.1614	6.230	303.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45896-b-5-a@4 Acquired: 10/17/2012 17:15:34 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.277	313.4	31.35	756.8
Stddev	.875	.6	.93	6.2
%RSD	68.52	.2065	2.977	.8244

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1758.0	37240.	9188.0
Stddev	1.5	74.	38.2
%RSD	.08679	.19980	.41607

Sample Name: 460-45895-a-8-a@4 Acquired: 10/17/2012 17:19:10 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22510.	8.963	.0748	295.7	.9739	172300.
Stddev	50.	.392	.6475	.4	.0141	300.
%RSD	.2226	4.373	865.3	.1215	1.448	.1739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0434	18.56	37.62	30.35	57280.	2304.
Stddev	.0804	.10	.78	2.54	112.	16.
%RSD	185.3	.5602	2.062	8.378	.1951	.6774

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18460.	1395.	174.7	56.74	21.77	.8487
Stddev	49.	.	3.3	.45	1.88	1.185
%RSD	.2662	.0347	1.905	.7983	8.627	139.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.262	2.810	30.64	114.6	10.55	.6023
Stddev	4.557	3.483	.27	.4	.37	.2802
%RSD	139.7	124.0	.8871	.3255	3.467	46.53

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45895-a-8-a@4 Acquired: 10/17/2012 17:19:10 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3965	249.5	29.13	760.8
Stddev	.3974	.1	.72	17.0
%RSD	100.2	.0434	2.475	2.231

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1766.9	37385.	9200.7
Stddev	.8	180.	69.9
%RSD	.04687	.48216	.76021

Sample Name: 460-45895-b-9-a@4 Acquired: 10/17/2012 17:22:44 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14930.	7.021	-5820	793.0	1.274	F 508800.
Stddev	73.	1.898	.2235	1.2	.026	4065.
%RSD	.4884	27.04	38.40	.1558	2.012	.7989

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0346	14.33	19.01	23.26	37250.	1753.
Stddev	.0564	.13	.52	2.40	75.	14.
%RSD	162.9	.8822	2.729	10.30	.2021	.8096

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17630.	1657.	520.1	48.05	28.23	-4.531
Stddev	28.	1.	8.6	.79	3.26	.582
%RSD	.1572	.0681	1.651	1.641	11.54	12.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.89	-1.224	26.24	83.83	18.77	.6867
Stddev	3.19	1.963	.33	.30	.79	.3501
%RSD	16.01	160.4	1.248	.3532	4.204	50.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45895-b-9-a@4 Acquired: 10/17/2012 17:22:44 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.546	989.9	29.67	609.4
Stddev	.785	2.8	.78	7.2
%RSD	50.78	.2860	2.619	1.174

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1744.4	36823.	9204.8
Stddev	1.8	121.	52.8
%RSD	.10417	.32840	.57391

Sample Name: CCV Acquired: 10/17/2012 17:26:28 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121900.	2431.	1205.	9878.	973.2	125300.
Stddev	218.	10.	1.	14.	2.1	239.
%RSD	.1790	.4157	.1188	.1457	.2114	.1903

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1228.	2452.	4860.	12100.	97460.	49310.
Stddev	1.	6.	15.	19.	268.	128.
%RSD	.0937	.2268	.3188	.1538	.2745	.2588

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122000.	4945.	124100.	2492.	7500.	983.7
Stddev	270.	14.	165.	2.	15.	4.6
%RSD	.2210	.2880	.1333	.0715	.2040	.4710

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2420.	2466.	2435.	2439.	974.7	2457.
Stddev	8.	9.	6.	5.	1.8	5.
%RSD	.3213	.3823	.2330	.1950	.1837	.2023

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 17:26:28 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	986.1	4868.	9845.	9541.
Stddev	.3	133.	18.	36.
%RSD	.0347	2.736	.1807	.3796

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1658.3	35029.	8846.7
Stddev	2.2	91.	16.1
%RSD	.13080	.26021	.18185

Sample Name: CCB Acquired: 10/17/2012 17:29:54 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.72	-3.066	.4551	.5201	.0353	23.91
Stddev	12.46	1.440	.1246	.5593	.0830	16.06
%RSD	63.16	46.98	27.37	107.5	235.0	67.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1242	.4913	.3417	2.104	9.565	77.93
Stddev	.0731	.2367	.1947	.309	7.721	33.48
%RSD	58.86	48.17	56.97	14.69	80.73	42.96

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.108	.4508	39.64	.5688	2.740	-2.040
Stddev	11.33	.3339	19.75	.5921	.661	1.634
%RSD	124.4	74.07	49.81	104.1	24.12	80.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.545	2.583	.4393	.5917	1.400	1.603
Stddev	2.901	1.644	.1440	.1037	.636	.229
%RSD	187.8	63.65	32.78	17.53	45.43	14.30

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 17:29:54 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2373	.5825	1.580	-7.905
Stddev	.1218	.4692	.539	15.74
%RSD	51.34	80.55	34.13	199.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1828.6	38844.	8997.2
Stddev	1.3	102.	16.9
%RSD	.07211	.26275	.18767

Sample Name: 460-45895-c-12-a@4 Acquired: 10/17/2012 17:33:33 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18270.	12.94	-.0310	363.7	.7541	154400.
Stddev	46.	.68	1.036	.4	.1009	299.
%RSD	.2519	5.248	3344.	.1200	13.38	.1939

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0097	16.80	27.24	22.30	47120.	1797.
Stddev	.1255	.27	.14	1.75	112.	13.
%RSD	1295.	1.597	.5055	7.867	.2381	.7175

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14860.	912.4	149.0	43.68	15.73	1.894
Stddev	38.	.5	3.9	.42	2.01	2.042
%RSD	.2569	.0555	2.605	.9725	12.76	107.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.862	.7216	24.47	107.7	9.162	.5224
Stddev	3.787	3.521	.25	.1	.637	.3140
%RSD	77.90	487.9	1.020	.0995	6.954	60.11

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45895-c-12-a@4 Acquired: 10/17/2012 17:33:33 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7596	237.8	28.65	656.3
Stddev	.4011	.8	.20	14.1
%RSD	52.80	.3237	.6874	2.143

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1763.8	37210.	9097.2
Stddev	6.1	202.	47.2
%RSD	.34315	.54362	.51865

Sample Name: 460-45744-e-4-c@4 Acquired: 10/17/2012 17:40:42 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22520.	31.18	-4924	117.1	1.105	13710.
Stddev	17.	3.29	.0946	.5	.019	31.
%RSD	.0770	10.53	19.21	.3890	1.685	.2262

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.635	23.84	112.5	290.3	76890.	3416.
Stddev	.137	.47	.2	1.2	234.	12.
%RSD	8.378	1.960	.1735	.4018	.3049	.3385

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11580.	689.7	819.6	82.47	88.57	3.052
Stddev	33.	1.0	3.0	.59	.89	2.779
%RSD	.2891	.1487	.3717	.7098	1.009	91.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.954	-1.770	382.9	371.1	27.22	5.298
Stddev	3.855	.859	1.5	.2	.73	.141
%RSD	130.5	48.54	.3893	.0455	2.696	2.661

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-4-c@4 Acquired: 10/17/2012 17:40:42 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.102	59.62	773.3	1010.
Stddev	.666	.21	1.2	7.
%RSD	21.48	.3460	.1559	.6793

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1831.4	39116.	9411.2
Stddev	5.9	148.	71.1
%RSD	.32366	.37924	.75510

Sample Name: 460-45744-e-5-c@4 Acquired: 10/17/2012 17:44:15 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25200.	73.56	-.4373	254.3	1.910	16770.
Stddev	40.	2.01	.0673	.6	.053	31.
%RSD	.1589	2.737	15.39	.2406	2.789	.1861

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.560	23.82	60.03	398.1	89880.	1683.
Stddev	.210	.45	.42	1.5	182.	21.
%RSD	13.45	1.899	.7039	.3711	.2030	1.242

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5544.	530.7	673.3	75.56	414.0	3.499
Stddev	34.	1.5	3.7	.06	2.1	2.501
%RSD	.6193	.2789	.5562	.0765	.5008	71.48

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.091	1.788	262.6	537.3	18.69	3.006
Stddev	1.605	1.032	.9	.4	.51	.309
%RSD	76.74	57.70	.3549	.0656	2.724	10.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-5-c@4 Acquired: 10/17/2012 17:44:15 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.06	95.08	942.8	1308.
Stddev	1.37	.08	3.1	6.
%RSD	9.064	.0885	.3310	.4504

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1853.3	39450.	9497.7
Stddev	6.0	135.	16.4
%RSD	.32184	.34108	.17254

Sample Name: 460-45744-e-3-c@4 Acquired: 10/17/2012 17:37:08 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39200.	31.79	-1.214	145.8	1.969	11490.
Stddev	21.	.54	.195	.4	.059	31.
%RSD	.0524	1.692	16.07	.2484	3.009	.2704

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4385	25.87	94.93	53.20	101900.	10630.
Stddev	.1224	.27	1.02	2.08	116.	26.
%RSD	27.91	1.060	1.079	3.903	.1133	.2467

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14190.	966.1	471.6	73.88	57.48	8.857
Stddev	46.	1.0	3.8	.43	1.76	2.020
%RSD	.3253	.0988	.8052	.5832	3.057	22.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.695	-2.769	112.3	219.4	23.22	3.610
Stddev	2.327	2.405	.6	.8	.37	.412
%RSD	34.76	86.87	.5198	.3732	1.573	11.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-3-c@4 Acquired: 10/17/2012 17:37:08 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.372	82.23	1273.	1421.
Stddev	.196	.07	1.	17.
%RSD	14.28	.0799	.0963	1.213

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1871.9	39635.	9536.7
Stddev	2.6	161.	60.9
%RSD	.13689	.40722	.63886

Sample Name: 460-45744-e-6-c@4 Acquired: 10/17/2012 17:47:49 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37210.	29.77	.4084	644.3	2.511	93350.
Stddev	101.	.88	.2476	1.1	.076	169.
%RSD	.2720	2.959	60.62	.1778	3.048	.1805

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.926	25.53	76.69	266.0	124700.	3241.
Stddev	.046	.41	.46	4.5	125.	34.
%RSD	2.372	1.593	.6015	1.678	.0998	1.041

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14540.	1633.	516.0	78.88	482.9	4.918
Stddev	29.	1.	6.6	.50	.6	2.334
%RSD	.1965	.0809	1.285	.6288	.1286	47.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.989	-1.169	89.25	775.3	21.08	.9650
Stddev	3.303	2.120	.47	.4	1.02	.3370
%RSD	82.80	181.4	.5234	.0574	4.833	34.93

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-6-c@4 Acquired: 10/17/2012 17:47:49 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.04	548.7	1120.	1434.
Stddev	.34	1.4	3.	10.
%RSD	2.281	.2569	.2504	.6925

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1805.2	38143.	9255.7
Stddev	5.5	103.	8.0
%RSD	.30567	.26919	.08678

Sample Name: 460-45744-a-7-c@4 Acquired: 10/17/2012 17:51:21 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41780.	13.57	-.3338	266.5	1.051	32060.
Stddev	65.	1.83	.5375	.4	.023	68.
%RSD	.1557	13.48	161.0	.1375	2.197	.2109

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5451	41.29	112.2	304.4	95700.	3129.
Stddev	.1108	.20	.5	1.7	291.	36.
%RSD	20.33	.4833	.4402	.5743	.3037	1.149

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21200.	776.8	4551.	103.1	1029.	2.163
Stddev	14.	1.5	22.	.6	6.	.808
%RSD	.0667	.1886	.4928	.5589	.5543	37.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.141	-4.240	382.0	948.8	72.85	4.304
Stddev	1.380	.945	.5	1.5	.25	.053
%RSD	33.32	22.30	.1363	.1622	.3423	1.223

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-a-7-c@4 Acquired: 10/17/2012 17:51:21 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.566	96.87	2123.	777.0
Stddev	1.023	.39	9.	12.7
%RSD	39.88	.4056	.4411	1.632

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1854.6	39520.	9588.8
Stddev	9.0	349.	123.0
%RSD	.48646	.88267	1.2825

Sample Name: 460-45744-a-8-c@4 Acquired: 10/17/2012 17:54:52 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11990.	41.04	-.0067	129.8	.7773	38790.
Stddev	12.	2.06	.4087	.1	.0402	96.
%RSD	.1036	5.032	6075.	.0854	5.177	.2466

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4326	6.396	28.51	164.1	26870.	1272.
Stddev	.1135	.075	.50	2.1	82.	13.
%RSD	26.23	1.179	1.738	1.257	.3052	1.033

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2702.	200.9	227.7	14.55	237.5	-1.480
Stddev	9.	.4	3.4	1.14	.9	.871
%RSD	.3191	.2057	1.504	7.809	.3885	58.86

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.245	1.337	77.37	212.0	7.517	.4509
Stddev	6.123	1.000	.37	.7	.565	.2321
%RSD	188.7	74.84	.4772	.3383	7.521	51.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-a-8-c@4 Acquired: 10/17/2012 17:54:52 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.844	241.5	375.0	955.4
Stddev	.521	.9	1.9	10.9
%RSD	13.54	.3661	.5197	1.145

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1840.2	39058.	9346.4
Stddev	4.7	109.	2.3
%RSD	.25451	.28008	.02503

Sample Name: 460-45744-e-9-c@4 Acquired: 10/17/2012 17:58:26 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7247.	21.45	-8797	85.12	.8761	5199.
Stddev	17.	1.34	.2185	.31	.0735	11.
%RSD	.2280	6.234	24.84	.3692	8.394	.2098

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.285	18.29	32.33	170.3	79610.	1032.
Stddev	.129	.05	.68	.4	150.	5.
%RSD	10.06	.2684	2.108	.2524	.1889	.5263

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	963.6	124.5	575.2	17.60	302.8	4.394
Stddev	5.8	.3	4.0	.29	1.3	1.703
%RSD	.6059	.2029	.6909	1.658	.4282	38.77

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.916	-2.357	49.36	1325.	13.14	7.870
Stddev	1.709	1.912	.45	2.	.64	.184
%RSD	58.59	81.12	.9146	.1724	4.884	2.335

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-9-c@4 Acquired: 10/17/2012 17:58:26 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.11	39.22	224.0	790.9
Stddev	.89	.18	1.3	6.1
%RSD	4.231	.4679	.5608	.7755

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1864.5	39817.	9381.5
Stddev	2.8	243.	35.5
%RSD	.15067	.61121	.37880

Sample Name: 460-45744-e-12-c@4 Acquired: 10/17/2012 18:02:01 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18300.	53.50	.0522	113.6	2.048	5793.
Stddev	124.	1.54	.2259	.4	.058	9.
%RSD	.6787	2.874	432.7	.3150	2.847	.1503

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.204	28.14	65.82	447.7	140700.	2556.
Stddev	.207	.45	.85	5.2	378.	7.
%RSD	3.971	1.582	1.296	1.157	.2689	.2848

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5317.	914.6	129.0	53.25	363.8	10.30
Stddev	23.	2.0	4.7	.62	1.9	3.36
%RSD	.4384	.2165	3.624	1.165	.5271	32.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.281	-2.731	152.9	1823.	14.24	2.370
Stddev	2.389	3.231	.2	2.	.96	.283
%RSD	25.74	118.3	.1536	.0855	6.734	11.93

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-12-c@4 Acquired: 10/17/2012 18:02:01 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.00	49.72	667.4	948.7
Stddev	.26	.09	2.2	11.3
%RSD	2.134	.1872	.3279	1.193

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1816.2	38539.	9158.9
Stddev	4.9	80.	76.0
%RSD	.26765	.20702	.83023

Sample Name: 460-45744-e-13-c@4 Acquired: 10/17/2012 18:05:35 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16630.	19.19	-.4481	76.01	.8187	3814.
Stddev	52.	1.97	.4891	.04	.0971	13.
%RSD	.3156	10.27	109.2	.0475	11.86	.3498

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4439	6.956	42.59	85.43	37580.	2704.
Stddev	.0337	.128	.28	1.69	93.	27.
%RSD	7.591	1.841	.6669	1.980	.2485	.9974

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3887.	171.8	166.0	20.75	84.63	2.144
Stddev	17.	.6	2.6	.73	2.22	2.730
%RSD	.4439	.3674	1.594	3.519	2.619	127.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.149	.7388	67.07	261.1	13.67	1.625
Stddev	1.110	2.357	.45	.5	1.31	.348
%RSD	35.26	319.0	.6670	.1909	9.595	21.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45744-e-13-c@4 Acquired: 10/17/2012 18:05:35 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.462	46.07	385.8	1010.
Stddev	.080	.16	1.9	4.
%RSD	3.248	.3513	.4971	.3803

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1830.6	38849.	9188.9
Stddev	2.9	63.	18.5
%RSD	.15875	.16315	.20163

Sample Name: CCV Acquired: 10/17/2012 18:09:09 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123700.	2451.	1214.	9995.	983.8	127200.
Stddev	241.	5.	2.	22.	2.4	332.
%RSD	.1945	.1929	.1855	.2174	.2482	.2610

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1246.	2485.	4951.	12250.	99340.	50230.
Stddev	2.	6.	9.	29.	107.	160.
%RSD	.1608	.2378	.1780	.2380	.1072	.3188

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	5035.	126200.	2522.	7584.	993.8
Stddev	198.	5.	363.	6.	13.	2.1
%RSD	.1590	.1063	.2874	.2384	.1717	.2098

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2435.	2509.	2472.	2476.	979.4	2488.
Stddev	8.	14.	.	4.	1.0	5.
%RSD	.3096	.5464	.0108	.1655	.0977	.2147

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 18:09:09 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.9	5034.	9987.	9441.
Stddev	3.6	45.	28.	89.
%RSD	.3575	.8972	.2812	.9433

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1639.7	34407.	8588.0
Stddev	3.9	89.	12.1
%RSD	.23482	.25885	.14110

Sample Name: CCB Acquired: 10/17/2012 18:12:36 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0214	.0991	.0049	.6716	.1335	10.43
Stddev	22.83	1.978	.3492	.3373	.0874	14.44
%RSD	106700.	1995.	7137.	50.23	65.47	138.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0576	.2499	.5710	1.897	21.02	101.3
Stddev	.0731	.1344	.7717	.020	12.22	26.7
%RSD	126.8	53.78	135.1	1.042	58.12	26.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.854	.4764	29.20	.4860	1.326	2.178
Stddev	6.850	.2985	23.15	.8582	1.140	2.375
%RSD	77.37	62.67	79.27	176.6	85.99	109.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.909	1.436	.3031	.5347	1.400	1.383
Stddev	4.545	.878	.1859	.2374	.514	.308
%RSD	156.3	61.18	61.32	44.39	36.72	22.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 18:12:36 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-0.0877	.5291	1.884	-6.330
Stddev	.4713	.5181	.703	10.08
%RSD	537.3	97.92	37.31	159.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1811.2	38414.	8777.9
Stddev	4.6	80.	37.0
%RSD	.25258	.20840	.42131

Sample Name: 460-45871-c-1-a@4 Acquired: 10/17/2012 18:16:15 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45020.	11.06	-1.015	187.7	3.408	6487.
Stddev	162.	2.74	.337	.2	.072	6.
%RSD	.3605	24.74	33.14	.1268	2.120	.0907

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9822	32.26	84.18	16620.	85850.	6023.
Stddev	.1507	.29	.28	29.	44.	29.
%RSD	15.34	.9001	.3280	.1736	.0517	.4777

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14000.	816.8	586.5	83.00	95.17	3.495
Stddev	44.	.7	4.1	.46	1.43	1.182
%RSD	.3151	.0817	.7024	.5530	1.503	33.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.995	-2.622	100.6	3290.	13.05	.1658
Stddev	1.249	2.768	.6	5.	.74	.2745
%RSD	15.62	105.5	.5928	.1551	5.668	165.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45871-c-1-a@4 Acquired: 10/17/2012 18:16:15 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.464	39.37	818.5	1073.
Stddev	.701	.14	1.4	10.
%RSD	20.24	.3596	.1733	.9576

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1963.3	41510.	9942.9
Stddev	6.3	207.	42.6
%RSD	.31938	.49753	.42873

Sample Name: 460-45802-e-1-b@4 Acquired: 10/17/2012 18:19:47 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26190.	6.919	1.342	275.5	1.450	12070.
Stddev	87.	3.294	.245	.5	.036	24.
%RSD	.3304	47.60	18.25	.1915	2.474	.1954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.897	21.89	79.11	149.9	59620.	2295.
Stddev	.040	.04	.38	1.7	96.	8.
%RSD	1.380	.1980	.4760	1.132	.1604	.3581

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8923.	829.6	604.0	45.42	248.7	6.350
Stddev	33.	1.2	1.9	.97	1.9	.376
%RSD	.3717	.1402	.3076	2.126	.7716	5.916

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.108	-1.831	88.59	673.6	18.46	2.693
Stddev	.980	1.336	.52	.8	.56	.319
%RSD	19.20	72.96	.5924	.1150	3.043	11.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45802-e-1-b@4 Acquired: 10/17/2012 18:19:47 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.55	53.80	1236.	1287.
Stddev	.38	.21	4.	5.
%RSD	2.443	.3905	.3545	.3536

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1888.7	40106.	9542.0
Stddev	2.4	84.	31.0
%RSD	.12590	.21011	.32526

Sample Name: 460-45802-e-2-b@4 Acquired: 10/17/2012 18:23:19 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37050.	6.775	27.63	581.9	1.950	12490.
Stddev	125.	.706	.15	.2	.027	19.
%RSD	.3364	10.42	.5406	.0336	1.392	.1557

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.478	25.29	116.3	326.0	70690.	2518.
Stddev	.067	.30	.4	3.9	21.	15.
%RSD	1.034	1.201	.3058	1.199	.0302	.6079

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11040.	1181.	606.5	59.05	691.6	2.908
Stddev	19.	1.	2.7	.31	2.3	1.939
%RSD	.1737	.0965	.4385	.5237	.3279	66.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.977	-.0899	107.6	772.1	23.44	2.693
Stddev	.646	3.565	.2	2.3	.88	.391
%RSD	8.103	3963.	.2084	.3033	3.758	14.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45802-e-2-b@4 Acquired: 10/17/2012 18:23:19 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	45.62	59.51	1370.	1327.
Stddev	.09	.10	3.	15.
%RSD	.1974	.1671	.1838	1.138

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1899.6	40282.	9564.0
Stddev	3.5	80.	23.8
%RSD	.18267	.19913	.24847

Sample Name: 460-45847-e-2-c.ms Acquired: 10/17/2012 15:02:09 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1950.	1916.	46.58	2052.	49.57	55730.
Stddev	5.	11.	.45	2.	.11	70.
%RSD	.2714	.5676	.9630	.0790	.2175	.1257

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.16	492.7	195.6	241.4	1010.	21230.
Stddev	.09	.4	.6	2.0	13.	55.
%RSD	.1859	.0811	.2924	.8159	1.310	.2599

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30690.	505.4	34750.	503.1	512.6	472.4
Stddev	67.	1.1	37.	1.0	1.0	1.2
%RSD	.2184	.2087	.1061	.2083	.1896	.2620

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1918.	2151.	481.5	495.7	589.1	470.2
Stddev	9.	4.	.5	.9	1.3	.2
%RSD	.4768	.1922	.1020	.1727	.2233	.0441

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45847-e-2-c.ms Acquired: 10/17/2012 15:02:09 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	508.7	589.4	486.3	10980.
Stddev	1.9	1.9	.9	59.
%RSD	.3832	.3263	.1775	.5401

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1746.8	36707.	9098.7
Stddev	9.4	216.	97.3
%RSD	.53539	.58717	1.0694

Sample Name: 460-45802-e-3-b@4 Acquired: 10/17/2012 18:26:51 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16150.	6.559	3.622	166.1	.9931	10830.
Stddev	12.	2.384	.364	.5	.0333	9.
%RSD	.0769	36.35	10.04	.2784	3.349	.0819

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37.57	15.91	44.49	102.4	38590.	1292.
Stddev	.11	.61	.61	2.4	128.	18.
%RSD	.2893	3.841	1.376	2.355	.3321	1.380

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7093.	388.4	448.3	34.49	139.5	3.947
Stddev	34.	.5	5.8	.75	2.3	2.780
%RSD	.4837	.1311	1.292	2.180	1.617	70.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.787	-2.030	79.81	452.9	27.23	2.186
Stddev	5.230	3.238	.21	.4	.37	.594
%RSD	292.7	159.5	.2590	.0949	1.346	27.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45802-e-3-b@4 Acquired: 10/17/2012 18:26:51 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.421	35.60	832.0	1240.
Stddev	.871	.10	1.6	23.
%RSD	10.34	.2694	.1968	1.819

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1852.3	39536.	9252.6
Stddev	3.1	111.	21.6
%RSD	.16872	.28113	.23325

Sample Name: 460-45811-j-3-f du@4 Acquired: 10/17/2012 18:30:24 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21600.	70.16	-.2812	1437.	2.090	57030.
Stddev	11.	.85	.9613	.	.017	33.
%RSD	.0527	1.215	341.9	.0341	.8314	.0583

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4519	23.15	36.36	389.9	63290.	3104.
Stddev	.1482	.16	.24	3.1	150.	14.
%RSD	32.78	.6944	.6652	.7876	.2374	.4350

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2909.	851.8	2231.	57.03	662.6	1.034
Stddev	2.	2.2	11.	.39	1.9	1.049
%RSD	.0857	.2612	.5025	.6906	.2880	101.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.170	-.7944	71.20	535.8	23.21	9.933
Stddev	3.782	1.755	.12	1.1	.51	.093
%RSD	46.29	220.9	.1710	.1975	2.212	.9367

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45811-j-3-f du@4 Acquired: 10/17/2012 18:30:24 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	35.15	390.7	927.6	925.9
Stddev	.29	.5	2.8	12.1
%RSD	.8236	.1174	.2992	1.303

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1798.9	37852.	9001.5
Stddev	4.9	141.	37.7
%RSD	.27411	.37284	.41927

Sample Name: 460-45811-j-3-e@4 Acquired: 10/17/2012 18:33:57 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21670.	71.30	-4.890	1445.	2.087	57360.
Stddev	112.	1.96	.4798	2.	.096	244.
%RSD	.5165	2.748	98.12	.1591	4.613	.4245

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3079	23.44	36.97	390.8	63490.	3125.
Stddev	.1430	.27	.42	1.7	138.	22.
%RSD	46.44	1.156	1.134	.4317	.2179	.6984

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2931.	858.9	2254.	56.72	666.2	-.1551
Stddev	7.	1.7	9.	1.12	2.2	.5654
%RSD	.2547	.2007	.3935	1.971	.3317	364.6

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.952	-.8488	72.01	540.2	22.58	10.00
Stddev	4.183	2.569	.10	1.7	.16	.38
%RSD	70.27	302.6	.1434	.3108	.7151	3.828

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Sample Name: 460-45811-j-3-e@4 Acquired: 10/17/2012 18:33:57 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	36.23	394.1	935.5	917.5
Stddev	.50	.7	3.4	15.9
%RSD	1.381	.1697	.3667	1.736

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1799.1	37738.	8951.3
Stddev	2.0	117.	54.2
%RSD	.10979	.31101	.60526

Sample Name: 460-45811-j-3-g ms@4 Acquired: 10/17/2012 18:41:05 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24080.	992.5	22.63	2163.	26.52	54220.
Stddev	64.	.8	.66	1.	.14	135.
%RSD	.2641	.0763	2.927	.0516	.5184	.2482

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.86	269.7	137.4	440.6	49020.	13710.
Stddev	.13	.5	.5	1.6	54.	27.
%RSD	.5146	.1745	.3700	.3644	.1102	.2003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12370.	1155.	12090.	306.7	807.3	182.8
Stddev	20.	1.	32.	.6	2.4	.9
%RSD	.1596	.0644	.2619	.1891	.3017	.4799

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	917.8	1026.	309.7	667.8	258.6	243.8
Stddev	4.4	4.	1.0	.6	.9	.4
%RSD	.4847	.4353	.3080	.0843	.3612	.1557

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45811-j-3-g ms@4 Acquired: 10/17/2012 18:41:05 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	279.5	501.5	1264.	1563.
Stddev	1.7	.5	3.	5.
%RSD	.6100	.1061	.2555	.3366

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1793.7	37827.	9084.8
Stddev	4.4	135.	29.1
%RSD	.24627	.35818	.31986

Sample Name: pds 460-45811-j-3-e@ Acquired: 10/17/2012 18:44:33 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23440.	1856.	43.79	3332.	48.78	76650.
Stddev	12.	8.	.13	4.	.20	22.
%RSD	.0500	.4530	.2857	.1245	.4082	.0293

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.81	487.8	221.1	619.5	63620.	21800.
Stddev	.12	1.3	.4	3.0	31.	45.
%RSD	.2651	.2633	.1906	.4813	.0494	.2041

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20960.	1318.	21510.	529.8	1134.	434.2
Stddev	16.	2.	27.	1.8	2.	3.3
%RSD	.0759	.1461	.1233	.3473	.2204	.7705

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1760.	1954.	528.0	991.0	478.7	459.2
Stddev	3.	5.	1.4	3.1	1.2	.7
%RSD	.1839	.2467	.2601	.3122	.2451	.1531

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-45811-j-3-e@ Acquired: 10/17/2012 18:44:33 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	508.4	849.6	1401.	1005.
Stddev	1.7	.8	.	3.
%RSD	.3251	.0918	.0284	.2609

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1769.8	37507.	9125.1
Stddev	.9	122.	32.5
%RSD	.05066	.32625	.35659

Sample Name: lcssrm 460-132308/2- Acquired: 10/17/2012 18:47:55 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28420.	757.1	188.9	999.3	508.3	32630.
Stddev	41.	1.7	.7	.9	.7	23.
%RSD	.1451	.2189	.3761	.0883	.1417	.0709

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487.7	639.9	551.2	539.2	58090.	12500.
Stddev	.9	1.3	1.8	2.0	105.	16.
%RSD	.1770	.1967	.3194	.3797	.1805	.1286

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11010.	1628.	1503.	342.9	377.2	990.3
Stddev	34.	3.	7.	.7	.3	1.8
%RSD	.3131	.1622	.4682	.1979	.0860	.1804

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	565.6	1072.	401.0	1279.	386.0	316.3
Stddev	6.9	3.	.8	2.	.4	1.2
%RSD	1.229	.2623	.2086	.1710	.0960	.3734

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-132308/2- Acquired: 10/17/2012 18:47:55 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	709.5	606.7	723.8	1519.
Stddev	.5	.4	2.9	36.
%RSD	.0761	.0622	.4075	2.354

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1844.0	39386.	9513.6
Stddev	3.0	67.	39.8
%RSD	.16299	.16904	.41782

Sample Name: CCV Acquired: 10/17/2012 18:51:18 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123400.	2451.	1216.	9977.	978.0	127100.
Stddev	206.	5.	3.	18.	2.0	164.
%RSD	.1669	.2013	.2346	.1834	.2079	.1294

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2476.	4921.	12210.	98710.	50140.
Stddev	3.	4.	5.	29.	158.	53.
%RSD	.2337	.1790	.0940	.2415	.1599	.1064

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123300.	5004.	126100.	2511.	7555.	989.7
Stddev	199.	7.	289.	5.	29.	5.6
%RSD	.1612	.1370	.2294	.2150	.3890	.5675

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2423.	2499.	2457.	2458.	983.3	2484.
Stddev	8.	6.	1.	7.	1.5	2.
%RSD	.3349	.2409	.0520	.2957	.1547	.0853

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 18:51:18 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	995.0	4953.	9944.	9422.
Stddev	3.7	33.	9.	57.
%RSD	.3681	.6620	.0951	.6026

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1644.5	34698.	8670.7
Stddev	1.1	42.	67.5
%RSD	.06869	.12120	.77841

Sample Name: CCB Acquired: 10/17/2012 18:54:43 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.37	-.5340	-.1464	.6887	.0995	2.853
Stddev	5.35	1.892	.5124	.3038	.1099	13.43
%RSD	22.90	354.3	350.0	44.11	110.4	470.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0813	.2035	.6520	2.519	11.01	107.3
Stddev	.0825	.1658	.4550	1.927	4.15	49.4
%RSD	101.5	81.49	69.79	76.52	37.65	45.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.50	.4538	38.41	.4409	2.221	1.996
Stddev	8.46	.2917	23.33	.1982	1.136	3.860
%RSD	80.53	64.28	60.74	44.96	51.15	193.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0396	1.816	.4668	.5609	2.079	1.349
Stddev	1.720	2.083	.1050	.1426	.958	.359
%RSD	4338.	114.7	22.49	25.43	46.05	26.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 18:54:43 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2274	.5377	2.405	4.603
Stddev	.6675	.4213	.591	2.189
%RSD	293.5	78.35	24.58	47.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1819.9	38674.	8857.6
Stddev	1.9	161.	38.5
%RSD	.10244	.41704	.43447

Sample Name: mb 460-132308/1-a@2 Acquired: 10/17/2012 18:58:22 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.27	-1.093	.0345	.2609	-.0201	38.15
Stddev	3.04	3.288	.0785	.0629	.0395	11.11
%RSD	13.06	300.8	227.6	24.10	196.7	29.11

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1127	-.1404	.6202	.2167	15.36	36.73
Stddev	.1624	.1338	.1977	1.084	6.47	16.41
%RSD	144.1	95.32	31.88	500.5	42.12	44.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.601	.1511	18.39	1.074	2.121	-1.536
Stddev	4.146	.0081	4.99	.527	2.145	3.868
%RSD	90.11	5.339	27.13	49.11	101.1	251.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.001	.4869	.5744	1.052	4.124	.4066
Stddev	2.540	1.621	.3603	.124	.291	.4992
%RSD	126.9	333.0	62.73	11.74	7.060	122.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-132308/1-a@2 Acquired: 10/17/2012 18:58:22 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0347	.3486	.9779	1.805
Stddev	.7388	.0627	.6474	12.28
%RSD	2130.	17.99	66.20	680.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1784.5	38100.	8655.2
Stddev	14.1	507.	87.2
%RSD	.79256	1.3300	1.0074

Sample Name: 460-45690-b-1-d@4 Acquired: 10/17/2012 19:02:01 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43000.	12.84	-.8993	434.2	1.753	36450.
Stddev	84.	1.70	.3071	1.7	.053	49.
%RSD	.1954	13.25	34.15	.3974	3.043	.1332

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5336	36.40	81.16	137.3	78250.	8568.
Stddev	.1967	.35	.43	.4	81.	38.
%RSD	36.87	.9671	.5315	.2740	.1037	.4479

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20400.	1697.	830.7	106.8	272.7	-.1881
Stddev	81.	3.	5.4	.4	2.1	1.042
%RSD	.3990	.1518	.6533	.3954	.7839	553.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.548	-1.534	179.6	424.7	17.10	5.921
Stddev	1.299	2.223	.3	.7	.46	.146
%RSD	50.96	144.9	.1616	.1721	2.666	2.471

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45690-b-1-d@4 Acquired: 10/17/2012 19:02:01 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.20	122.4	1489.	1554.
Stddev	.16	.3	3.	41.
%RSD	1.298	.2295	.1990	2.661

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1866.6	39384.	9355.7
Stddev	1.2	119.	21.4
%RSD	.06164	.30317	.22911

Sample Name: 460-45690-c-3-d@4 Acquired: 10/17/2012 19:05:34 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35410.	13.80	-.4051	640.0	1.852	54020.
Stddev	135.	2.00	.3840	1.3	.058	135.
%RSD	.3801	14.47	94.80	.2014	3.102	.2494

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5059	31.98	69.45	100.8	68730.	5957.
Stddev	.0906	.44	.26	1.5	89.	23.
%RSD	17.92	1.366	.3680	1.475	.1289	.3861

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27620.	1675.	1156.	83.02	465.8	-.9607
Stddev	59.	2.	6.	.75	1.5	.3228
%RSD	.2151	.1270	.4821	.9083	.3191	33.60

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.224	-2.742	132.9	417.8	17.87	3.497
Stddev	4.112	2.385	.8	.7	.43	.336
%RSD	184.9	86.97	.6134	.1754	2.392	9.607

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45690-c-3-d@4 Acquired: 10/17/2012 19:05:34 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.880	142.2	1103.	1277.
Stddev	.246	.3	2.	77.
%RSD	2.772	.2358	.1722	6.058

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1821.2	38477.	9139.8
Stddev	2.1	127.	25.8
%RSD	.11790	.33116	.28280

Sample Name: 460-45690-b-5-b@4 Acquired: 10/17/2012 19:09:06 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30940.	9.351	-4272	352.8	1.479	36120.
Stddev	26.	.736	.1301	1.1	.092	20.
%RSD	.0846	7.872	30.44	.3073	6.247	.0542

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2870	25.98	57.69	71.38	59110.	4929.
Stddev	.1239	.12	.76	1.08	194.	9.
%RSD	43.18	.4578	1.315	1.517	.3281	.1907

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18300.	1524.	826.7	65.76	239.7	.7261
Stddev	64.	2.	3.9	1.13	1.5	.6774
%RSD	.3491	.1326	.4750	1.714	.6223	93.28

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.177	1.271	115.5	303.6	13.54	1.908
Stddev	3.148	1.945	.5	.9	.30	.070
%RSD	267.5	153.0	.4085	.3009	2.249	3.677

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45690-b-5-b@4 Acquired: 10/17/2012 19:09:06 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.136	98.86	921.7	1026.
Stddev	.740	.24	.6	23.
%RSD	12.06	.2420	.0637	2.206

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1831.8	38561.	9201.4
Stddev	5.4	67.	43.2
%RSD	.29429	.17397	.46906

Sample Name: 460-45690-b-7-a@4 Acquired: 10/17/2012 19:12:38 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32890.	10.63	-3552	421.0	1.479	57910.
Stddev	70.	2.44	.2762	.6	.039	48.
%RSD	.2138	22.97	77.75	.1450	2.661	.0830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3980	29.04	64.80	98.93	60600.	5448.
Stddev	.0774	.30	.51	.80	184.	16.
%RSD	19.46	1.050	.7860	.8091	.3028	.2922

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22320.	1431.	1412.	168.9	325.9	-.5722
Stddev	181.	7.	5.	.6	3.5	.8667
%RSD	.8109	.4608	.3474	.3751	1.068	151.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.256	1.713	129.7	360.1	17.56	1.858
Stddev	4.471	1.318	1.1	.2	.61	.443
%RSD	105.1	76.95	.8718	.0514	3.469	23.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45690-b-7-a@4 Acquired: 10/17/2012 19:12:38 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.447	196.9	1074.	1584.
Stddev	.762	.2	.	105.
%RSD	10.23	.1210	.0346	6.640

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1814.5	38276.	9100.9
Stddev	1.7	216.	21.0
%RSD	.09287	.56336	.23026

Sample Name: 460-45690-c-9-b@4 Acquired: 10/17/2012 19:16:11 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35460.	14.62	-.2822	489.5	1.785	55500.
Stddev	62.	.63	.2774	.7	.054	111.
%RSD	.1746	4.340	98.30	.1370	3.049	.2002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5149	30.15	74.73	101.3	66450.	5783.
Stddev	.0910	.15	.27	2.0	57.	32.
%RSD	17.67	.5061	.3609	1.929	.0865	.5478

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26140.	1569.	1412.	102.8	307.3	.6158
Stddev	96.	2.	12.	1.4	1.5	2.354
%RSD	.3677	.1552	.8283	1.340	.4761	382.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.977	-1.225	128.8	398.4	17.24	3.336
Stddev	1.063	1.306	.8	1.2	.86	.360
%RSD	21.35	106.6	.6405	.3003	4.988	10.80

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45690-c-9-b@4 Acquired: 10/17/2012 19:16:11 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.749	150.5	1102.	1310.
Stddev	.560	.5	7.	73.
%RSD	7.224	.3598	.6465	5.553

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1820.7	38404.	9165.9
Stddev	1.5	61.	27.5
%RSD	.08315	.15945	.30001

Sample Name: 460-45928-c-1-a@4 Acquired: 10/17/2012 19:19:44 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83050.	29.76	-1.063	171.4	2.631	5148.
Stddev	97.	1.59	.640	.8	.024	14.
%RSD	.1162	5.342	60.17	.4628	.8943	.2647

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7299	51.27	127.3	124.7	147900.	2820.
Stddev	.2207	.25	.9	1.1	188.	29.
%RSD	30.23	.4795	.6833	.8779	.1273	1.016

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4153.	918.9	183.9	57.29	61.47	6.740
Stddev	18.	1.4	2.9	.45	.89	2.606
%RSD	.4216	.1517	1.562	.7873	1.451	38.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.780	-1.510	131.6	176.1	6.606	2.451
Stddev	4.479	1.656	.6	.2	.491	.297
%RSD	57.57	109.7	.4615	.1331	7.429	12.11

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45928-c-1-a@4 Acquired: 10/17/2012 19:19:44 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.891	61.06	903.0	934.7
Stddev	.562	.09	2.9	18.0
%RSD	19.43	.1420	.3168	1.928

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1882.0	39499.	9379.5
Stddev	4.9	123.	21.0
%RSD	.26066	.31217	.22352

Sample Name: 460-45928-c-2-a@4 Acquired: 10/17/2012 19:23:17 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	72660.	22.11	-.6938	170.8	2.001	4565.
Stddev	221.	.87	.3659	.4	.037	4.
%RSD	.3040	3.956	52.74	.2563	1.833	.0864

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7294	39.26	79.60	124.0	97220.	2723.
Stddev	.1216	.20	.45	3.7	178.	17.
%RSD	16.67	.5041	.5704	2.981	.1828	.6322

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5982.	733.4	340.7	52.56	55.13	-2.936
Stddev	17.	1.9	1.2	.66	1.45	2.530
%RSD	.2864	.2546	.3548	1.254	2.639	86.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.429	-1.219	141.6	133.2	8.295	1.337
Stddev	1.218	1.183	.3	.4	.509	.734
%RSD	12.91	97.04	.1855	.2722	6.132	54.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45928-c-2-a@4 Acquired: 10/17/2012 19:23:17 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.195	27.60	1294.	1175.
Stddev	.601	.15	3.	13.
%RSD	27.37	.5450	.2309	1.089

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1879.0	39269.	9317.4
Stddev	4.0	68.	40.2
%RSD	.21182	.17248	.43171

Sample Name: 460-45928-c-3-a@4 Acquired: 10/17/2012 19:26:49 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50470.	28.02	-.2568	183.1	1.699	22080.
Stddev	52.	1.58	.3750	.5	.016	41.
%RSD	.1031	5.619	146.0	.2980	.9402	.1849

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1793	61.08	65.05	695.9	130200.	3826.
Stddev	.1438	.13	.32	3.6	316.	21.
%RSD	80.24	.2185	.4899	.5212	.2426	.5500

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19330.	1408.	1448.	86.17	106.0	5.877
Stddev	36.	1.	5.	1.10	1.7	3.253
%RSD	.1887	.1029	.3188	1.271	1.610	55.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.784	-4.272	174.9	295.8	27.28	1.470
Stddev	4.244	4.062	.4	.3	.33	.458
%RSD	73.38	95.09	.2170	.1031	1.225	31.15

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45928-c-3-a@4 Acquired: 10/17/2012 19:26:49 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.856	107.1	2136.	896.1
Stddev	.836	.2	2.	15.2
%RSD	45.07	.2094	.1170	1.699

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1895.9	39948.	9460.9
Stddev	4.8	56.	10.9
%RSD	.25443	.14136	.11479

Sample Name: 460-45789-d-15-d@4 Acquired: 10/17/2012 19:30:21 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45750.	40.26	-.7416	108.1	2.934	8269.
Stddev	99.	1.11	.3690	.3	.050	12.
%RSD	.2159	2.761	49.76	.2601	1.716	.1433

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2114	30.74	103.9	42.10	116700.	8316.
Stddev	.1395	.20	.6	1.57	306.	10.
%RSD	65.98	.6412	.6222	3.732	.2626	.1212

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18600.	1251.	673.9	74.60	65.70	2.750
Stddev	93.	2.	5.7	.60	.68	2.554
%RSD	.4990	.1873	.8519	.7998	1.029	92.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.134	-2.853	117.1	240.7	47.07	5.109
Stddev	1.742	2.330	1.0	.4	.54	.468
%RSD	24.42	81.64	.8616	.1527	1.152	9.156

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45789-d-15-d@4 Acquired: 10/17/2012 19:30:21 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.453	70.57	1183.	876.8
Stddev	.613	.14	3.	14.8
%RSD	17.75	.1958	.2899	1.691

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1885.0	39836.	9337.0
Stddev	1.3	95.	54.3
%RSD	.07003	.23814	.58126

Sample Name: CCV Acquired: 10/17/2012 19:33:55 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	2426.	1206.	9899.	969.6	126000.
Stddev	69.	2.	1.	18.	.4	110.
%RSD	.0563	.0886	.1221	.1796	.0434	.0872

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1239.	2459.	4889.	12120.	98560.	49960.
Stddev	2.	3.	10.	17.	115.	29.
%RSD	.1348	.1347	.2032	.1434	.1161	.0586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123200.	4989.	125500.	2488.	7528.	977.4
Stddev	332.	7.	32.	6.	17.	2.1
%RSD	.2695	.1406	.0252	.2370	.2220	.2133

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2414.	2482.	2448.	2454.	968.9	2470.
Stddev	10.	11.	4.	3.	1.5	2.
%RSD	.4246	.4584	.1454	.1138	.1510	.0716

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 19:33:55 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	990.9	4982.	9887.	9210.
Stddev	2.4	21.	18.	23.
%RSD	.2413	.4130	.1806	.2490

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1655.4	34842.	8621.4
Stddev	3.2	63.	27.1
%RSD	.19419	.18082	.31376

Sample Name: CCB Acquired: 10/17/2012 19:37:21 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.03	-.7496	.0512	.6313	.0566	6.756
Stddev	20.48	2.226	.3947	.5136	.0913	9.073
%RSD	88.92	297.0	771.0	81.36	161.1	134.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2035	.3214	.5011	1.461	19.91	106.3
Stddev	.0285	.1831	1.325	2.149	11.23	43.5
%RSD	13.99	56.97	264.4	147.2	56.41	40.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.25	.4303	30.84	.9403	1.535	-.4404
Stddev	8.00	.2830	15.33	.8577	1.401	1.357
%RSD	56.13	65.77	49.72	91.21	91.27	308.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.348	2.708	.3463	.5989	1.137	.9790
Stddev	2.098	2.853	.3928	.3519	1.144	.7414
%RSD	155.6	105.4	113.4	58.76	100.6	75.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 19:37:21 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1375	.5511	2.233	.2859
Stddev	.4738	.5173	.096	13.34
%RSD	344.5	93.87	4.311	4666.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1822.9	38580.	8755.3
Stddev	4.4	115.	88.0
%RSD	.23868	.29730	1.0046

Sample Name: 460-45797-e-1-c@4 Acquired: 10/17/2012 19:41:00 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26020.	20.55	-.2869	1412.	1.606	61560.
Stddev	68.	.19	.1686	1.	.087	142.
%RSD	.2628	.9140	58.76	.0610	5.432	.2311

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.62	39.44	297.8	496.2	F 276000.	3314.
Stddev	.41	.26	1.6	1.0	862.	29.
%RSD	2.314	.6583	.5316	.2074	.3122	.8692

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14780.	2395.	1348.	297.2	1387.	6.909
Stddev	83.	6.	2.	1.1	4.	2.596
%RSD	.5609	.2377	.1433	.3534	.2617	37.57

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F -14.84	-6.297	127.0	2594.	248.4	69.31
Stddev	4.06	5.153	.6	8.	1.4	.51
%RSD	27.38	81.82	.4531	.3148	.5674	.7422

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-45797-e-1-c@4 Acquired: 10/17/2012 19:41:00 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	73.10	401.9	1453.	1005.
Stddev	.75	1.4	7.	33.
%RSD	1.020	.3566	.4973	3.279

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1776.2	37576.	8964.5
Stddev	5.8	123.	20.5
%RSD	.32555	.32861	.22902

Sample Name: 460-45797-e-3-b@4 Acquired: 10/17/2012 19:44:29 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34300.	11.17	-1.467	65.38	5.865	2621.
Stddev	91.	.66	.317	.28	.075	20.
%RSD	.2664	5.934	21.61	.4345	1.288	.7637

Check ?	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
High Limit	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.324	35.26	337.2	1.519	F 256600.	3837.
Stddev	.186	.05	1.4	1.410	1044.	11.
%RSD	14.02	.1420	.4052	92.83	.4070	.2824

Check ?	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
High Limit	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Low Limit					200000. -150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3086.	1237.	-67.24	49.21	16.48	10.59
Stddev	13.	3.	.65	.57	.58	1.43
%RSD	.4096	.2454	.9626	1.158	3.514	13.51

Check ?	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
High Limit	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F -17.68	-5.683	498.1	200.0	21.83	-1.409
Stddev	2.72	2.371	2.3	.8	.20	.403
%RSD	15.40	41.71	.4677	.4022	.9069	28.63

Check ?	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
High Limit	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Low Limit	5000. -10.00					

Sample Name: 460-45797-e-3-b@4 Acquired: 10/17/2012 19:44:29 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.130	35.44	1174.	774.5
Stddev	.548	.09	2.	12.7
%RSD	8.940	.2564	.1321	1.633

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1850.1	38836.	9129.3
Stddev	4.1	100.	25.2
%RSD	.22358	.25754	.27635

Sample Name: 460-45815-c-3-b@4 Acquired: 10/17/2012 19:48:03 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11610.	4.736	-.5017	27.00	.4688	1067.
Stddev	35.	.581	.1989	.11	.0711	6.
%RSD	.2989	12.27	39.64	.4065	15.18	.5401

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2225	5.441	44.90	46.44	26070.	616.4
Stddev	.0961	.329	.23	3.08	114.	22.3
%RSD	43.21	6.039	.5093	6.639	.4352	3.611

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1675.	105.3	59.95	17.75	13.64	1.198
Stddev	9.	.2	1.67	.83	1.24	1.275
%RSD	.5184	.1965	2.779	4.687	9.067	106.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.845	1.567	48.71	34.91	4.568	.2770
Stddev	2.435	.783	.24	.17	.704	.1931
%RSD	132.0	49.95	.4872	.5003	15.41	69.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-c-3-b@4 Acquired: 10/17/2012 19:48:03 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.973	10.19	644.1	596.4
Stddev	.231	.09	2.6	13.7
%RSD	11.68	.8785	.4015	2.303

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1853.6	39140.	8984.8
Stddev	1.3	171.	28.1
%RSD	.07001	.43732	.31288

Sample Name: 460-45815-b-5-b@4 Acquired: 10/17/2012 19:51:39 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3450.	3.652	-.5998	9.850	.1846	208.3
Stddev	11.	2.140	.1182	.297	.0321	9.9
%RSD	.3271	58.61	19.71	3.015	17.37	4.761

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0874	2.799	9.812	3.715	7162.	384.3
Stddev	.0979	.128	.373	.924	30.	15.4
%RSD	112.0	4.566	3.800	24.87	.4194	3.997

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	455.5	28.76	68.96	3.911	5.601	3.959
Stddev	9.3	.17	3.70	.469	1.355	2.446
%RSD	2.041	.6007	5.360	11.98	24.20	61.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7664	-.1334	15.47	13.46	4.536	.3345
Stddev	1.549	3.442	.40	.19	.215	.1452
%RSD	202.1	2580.	2.592	1.442	4.748	43.40

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-b-5-b@4 Acquired: 10/17/2012 19:51:39 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.133	3.456	142.3	509.4
Stddev	.557	.021	2.0	10.1
%RSD	17.78	.6056	1.394	1.980

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1836.0	38846.	8799.5
Stddev	4.6	41.	22.0
%RSD	.25306	.10629	.24990

Sample Name: 460-45815-c-8-e@4 Acquired: 10/17/2012 19:55:17 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12400.	9.569	-.9454	59.21	.7745	4401.
Stddev	19.	1.299	.4297	.21	.0831	32.
%RSD	.1523	13.58	45.45	.3603	10.73	.7245

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0097	5.215	86.14	68.52	41230.	724.1
Stddev	.2020	.106	.32	1.03	117.	22.0
%RSD	2092.	2.030	.3733	1.500	.2830	3.034

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2633.	129.2	77.70	15.26	159.0	3.238
Stddev	12.	.6	5.90	.71	2.1	2.253
%RSD	.4583	.4727	7.590	4.622	1.326	69.59

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2153	-3.320	49.99	84.98	5.380	.7802
Stddev	4.303	2.030	.23	.29	.380	.1680
%RSD	1999.	61.12	.4607	.3408	7.068	21.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-c-8-e@4 Acquired: 10/17/2012 19:55:17 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.23	18.77	512.0	691.1
Stddev	.15	.06	.6	15.7
%RSD	.9563	.3246	.1151	2.271

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1839.7	38799.	8863.3
Stddev	1.9	56.	19.6
%RSD	.10169	.14380	.22137

Sample Name: 460-45815-a-11-i@4 Acquired: 10/17/2012 19:58:53 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11310.	4.345	-.6509	25.57	.4435	889.3
Stddev	21.	.429	.1236	.51	.0499	4.4
%RSD	.1868	9.882	18.99	1.976	11.25	.4977

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1979	5.581	38.20	15.39	22350.	692.6
Stddev	.0760	.215	.42	.99	35.	20.9
%RSD	38.40	3.860	1.105	6.421	.1550	3.012

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1731.	88.84	59.73	14.61	9.528	2.571
Stddev	7.	.33	6.76	.13	1.151	1.232
%RSD	.4144	.3756	11.32	.8908	12.09	47.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1262	.1138	43.01	30.01	5.036	.5080
Stddev	3.517	1.237	.27	.23	.647	.2756
%RSD	2788.	1087.	.6265	.7589	12.85	54.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-a-11-i@4 Acquired: 10/17/2012 19:58:53 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.793	10.35	583.6	687.4
Stddev	.051	.07	2.3	12.1
%RSD	2.859	.7117	.3903	1.760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1845.6	38913.	8915.5
Stddev	2.8	198.	87.8
%RSD	.15078	.50914	.98455

Sample Name: 460-45815-a-12-f@4 Acquired: 10/17/2012 20:02:29 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16050.	11.17	-.4453	442.0	.8299	16290.
Stddev	9.	.57	.3421	1.0	.0526	18.
%RSD	.0586	5.133	76.82	.2367	6.343	.1103

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.101	10.41	41.46	882.1	35950.	1021.
Stddev	.090	.20	.51	4.4	51.	18.
%RSD	4.290	1.921	1.239	.5007	.1422	1.724

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5186.	248.5	159.8	29.67	959.2	.6631
Stddev	13.	.5	3.1	.46	3.7	1.716
%RSD	.2590	.2176	1.969	1.545	.3845	258.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.213	1.046	59.93	530.8	7.929	2.254
Stddev	1.287	.438	.56	.6	.117	.509
%RSD	106.1	41.85	.9312	.1048	1.482	22.59

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-a-12-f@4 Acquired: 10/17/2012 20:02:29 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	80.17	162.7	666.0	982.6
Stddev	.18	.0	2.1	22.6
%RSD	.2298	.0162	.3128	2.297

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1833.3	38525.	8965.8
Stddev	3.4	121.	16.8
%RSD	.18690	.31394	.18728

Sample Name: 460-45815-b-13-a@4 Acquired: 10/17/2012 20:06:00 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24870.	7.861	-.6433	130.4	.8416	3930.
Stddev	51.	1.146	.7255	.3	.0330	6.
%RSD	.2038	14.58	112.8	.2630	3.917	.1585

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2801	9.225	52.57	73.24	36500.	1065.
Stddev	.1043	.123	.53	1.60	67.	38.
%RSD	37.24	1.333	1.002	2.189	.1842	3.552

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3312.	171.7	144.6	27.51	125.9	-.0830
Stddev	9.	.3	5.5	.26	1.0	1.337
%RSD	.2699	.1759	3.777	.9448	.8287	1610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.848	.2562	61.03	147.6	6.053	.9845
Stddev	.806	1.850	.59	.4	.660	.0954
%RSD	43.62	721.9	.9744	.2437	10.91	9.693

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-b-13-a@4 Acquired: 10/17/2012 20:06:00 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.538	26.85	902.0	882.2
Stddev	.510	.13	2.3	23.3
%RSD	5.973	.4843	.2511	2.646

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1850.9	38980.	8959.3
Stddev	5.8	211.	27.9
%RSD	.31419	.54223	.31126

Sample Name: 460-45815-c-16-f@4 Acquired: 10/17/2012 20:09:35 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16310.	8.997	-4.660	123.9	.6387	20700.
Stddev	42.	.839	.3923	.1	.0773	40.
%RSD	.2558	9.328	84.20	.0523	12.10	.1955

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0676	6.554	36.20	75.89	31270.	850.2
Stddev	.0751	.199	.56	.64	89.	8.9
%RSD	111.2	3.033	1.555	.8445	.2847	1.043

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10840.	181.0	155.9	21.92	136.8	2.177
Stddev	67.	.9	.6	.90	1.7	.916
%RSD	.6134	.5055	.4079	4.113	1.269	42.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.018	.1715	47.20	146.5	6.292	.4651
Stddev	2.069	1.709	.93	.2	.626	.3106
%RSD	102.5	996.3	1.970	.1100	9.944	66.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-c-16-f@4 Acquired: 10/17/2012 20:09:35 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.60	36.07	651.2	764.5
Stddev	.44	.12	1.9	13.4
%RSD	4.106	.3319	.2871	1.756

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1823.6	38254.	8902.9
Stddev	6.0	152.	33.5
%RSD	.33153	.39775	.37583

Sample Name: 460-45815-b-18-c@4 Acquired: 10/17/2012 20:13:09 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14770.	9.972	-.3149	305.2	.5386	7788.
Stddev	2.	1.996	.1985	.2	.0172	2.
%RSD	.0112	20.02	63.03	.0794	3.185	.0318

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.320	7.934	33.82	596.6	30940.	810.2
Stddev	.166	.218	.64	3.2	69.	8.4
%RSD	12.58	2.747	1.906	.5395	.2241	1.034

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3095.	232.0	105.9	23.07	692.0	2.308
Stddev	12.	.1	5.3	.58	1.9	.788
%RSD	.3826	.0571	5.010	2.500	.2803	34.15

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.030	-.0238	48.18	452.8	5.898	1.419
Stddev	2.228	2.756	.19	.3	.650	.605
%RSD	73.54	11580.	.3875	.0728	11.02	42.64

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-b-18-c@4 Acquired: 10/17/2012 20:13:09 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	51.40	58.13	587.5	944.7
Stddev	.78	.13	1.9	4.5
%RSD	1.525	.2279	.3213	.4742

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1842.7	38923.	9033.6
Stddev	.9	47.	54.5
%RSD	.05062	.12081	.60293

Sample Name: CCV Acquired: 10/17/2012 20:16:42 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122100.	2413.	1201.	9857.	961.8	125800.
Stddev	98.	6.	3.	11.	.6	138.
%RSD	.0805	.2643	.2114	.1115	.0637	.1095

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1230.	2446.	4880.	12020.	97920.	49720.
Stddev	1.	3.	9.	16.	78.	94.
%RSD	.0812	.1271	.1746	.1299	.0800	.1891

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122300.	4957.	125000.	2478.	7489.	974.9
Stddev	30.	4.	102.	5.	11.	4.4
%RSD	.0246	.0714	.0814	.1859	.1405	.4523

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2393.	2471.	2430.	2434.	966.8	2452.
Stddev	18.	8.	4.	4.	3.1	5.
%RSD	.7556	.3037	.1528	.1446	.3207	.1965

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 20:16:42 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	983.0	4956.	9795.	9192.
Stddev	1.3	74.	18.	8.
%RSD	.1335	1.497	.1858	.0882

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1660.4	34981.	8613.0
Stddev	2.6	77.	13.4
%RSD	.15933	.21941	.15607

Sample Name: CCB Acquired: 10/17/2012 20:20:08 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.78	-1.137	-.1681	.6691	.0728	13.02
Stddev	8.28	1.217	.6522	.4668	.0449	11.05
%RSD	70.31	107.0	388.1	69.76	61.71	84.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1517	.5091	.7179	.8122	14.84	84.46
Stddev	.2173	.0828	.4515	2.176	4.02	41.95
%RSD	143.2	16.27	62.89	267.9	27.07	49.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.379	.4407	27.08	.7953	.5238	2.433
Stddev	8.306	.3715	18.46	.6006	2.534	3.087
%RSD	99.13	84.31	68.17	75.53	483.7	126.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9162	2.882	.1337	.5685	1.341	1.175
Stddev	3.877	3.447	.2455	.1902	.327	.187
%RSD	423.2	119.6	183.6	33.45	24.40	15.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 20:20:08 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1660	.5565	1.623	-7.310
Stddev	.7156	.4499	1.190	12.95
%RSD	431.1	80.83	73.32	177.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1829.9	39031.	8876.1
Stddev	.8	85.	53.0
%RSD	.04545	.21814	.59744

Sample Name: mb 460-132326/1-a Acquired: 10/17/2012 20:23:47 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.862	-.5036	-.0271	-.0260	-.0137	-.1760
Stddev	10.90	.1608	.4752	.1991	.1178	6.564
%RSD	138.7	31.94	1756.	764.8	861.5	3730.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0862	.2660	.5708	1.325	3.066	38.24
Stddev	.0558	.2909	.2612	1.275	4.092	15.36
%RSD	64.79	109.3	45.76	96.23	133.5	40.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2845	.1560	2.382	1.033	1.017	1.105
Stddev	4.696	.0695	6.855	.503	.737	.996
%RSD	1651.	44.57	287.7	48.69	72.51	90.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.330	2.259	-.0125	1.166	.4153	.1357
Stddev	1.965	1.185	.1752	.236	.3260	.4228
%RSD	84.37	52.46	1398.	20.22	78.51	311.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-132326/1-a Acquired: 10/17/2012 20:23:47 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1716	.0958	.8830	14.94
Stddev	.3399	.0641	.4883	3.49
%RSD	198.0	66.88	55.30	23.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1826.5	38828.	8877.9
Stddev	.7	77.	24.3
%RSD	.03622	.19924	.27403

Sample Name: lcs 460-132326/2-a Acquired: 10/17/2012 20:27:26 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1903.	1807.	45.38	1976.	47.04	20210.
Stddev	10.	5.	.57	1.	.11	73.
%RSD	.5094	.2885	1.249	.0416	.2337	.3610

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.72	484.0	190.9	233.1	969.1	19170.
Stddev	.21	.3	.8	.8	16.4	46.
%RSD	.4355	.0654	.4351	.3332	1.696	.2409

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19020.	492.3	19780.	492.5	501.0	447.4
Stddev	7.	.8	69.	.1	1.0	4.0
%RSD	.0344	.1616	.3478	.0175	.2076	.8845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1781.	2096.	470.0	478.6	469.4	464.8
Stddev	5.	6.	1.0	.9	1.0	1.8
%RSD	.2791	.2699	.2022	.1777	.2156	.3814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-132326/2-a Acquired: 10/17/2012 20:27:26 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	493.3	468.4	472.1	64.21
Stddev	.7	1.6	2.6	7.19
%RSD	.1417	.3449	.5449	11.20

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1773.1	37548.	8877.6
Stddev	1.0	102.	64.3
%RSD	.05466	.27197	.72384

Sample Name: 460-45769-a-15-c du Acquired: 10/17/2012 20:30:51 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.17	-.1692	-.0784	82.26	.0453	18550.
Stddev	2.61	.2760	.1696	.29	.0446	46.
%RSD	11.75	163.1	216.4	.3551	98.56	.2464

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1411	.6628	5.829	.8544	36.98	1687.
Stddev	.0931	.0793	.411	2.040	1.06	25.
%RSD	65.96	11.97	7.059	238.8	2.858	1.504

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4079.	13.04	28920.	5.680	3.034	3.575
Stddev	6.	.09	102.	.324	.999	1.647
%RSD	.1481	.6636	.3509	5.698	32.93	46.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.069	2.512	.6500	3.130	46.45	.7036
Stddev	3.443	2.315	.4662	.097	.92	.3946
%RSD	322.0	92.14	71.71	3.110	1.982	56.08

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-15-c du Acquired: 10/17/2012 20:30:51 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4822	69.05	2.777	3912.
Stddev	.2558	.33	.545	65.
%RSD	53.05	.4823	19.62	1.653

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1791.4	37992.	8893.2
Stddev	.6	80.	47.4
%RSD	.03356	.20991	.53326

Sample Name: 460-45769-a-15-b Acquired: 10/17/2012 20:34:28 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.20	-.6759	.1695	83.53	.0273	18850.
Stddev	6.27	1.230	.4916	.28	.0867	19.
%RSD	18.89	182.0	290.0	.3357	317.7	.0996

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0741	.6568	5.929	.9437	37.80	1695.
Stddev	.0923	.3514	.192	2.034	3.86	21.
%RSD	124.5	53.49	3.244	215.5	10.22	1.257

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4128.	13.07	29310.	5.539	1.409	-.1026
Stddev	26.	.13	25.	.542	1.671	.4478
%RSD	.6259	1.012	.0838	9.796	118.6	436.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6137	3.058	.2531	3.140	46.84	.3325
Stddev	1.820	1.564	.1456	.234	.35	.3968
%RSD	296.5	51.16	57.54	7.439	.7553	119.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-15-b Acquired: 10/17/2012 20:34:28 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0450	69.85	1.997	4015.
Stddev	.5524	.23	1.160	28.
%RSD	1228.	.3255	58.09	.6850

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1788.9	38042.	8956.2
Stddev	1.8	38.	52.4
%RSD	.09938	.09920	.58470

Sample Name: sd 460-45769-a-15-b@ Acquired: 10/17/2012 20:38:06 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.112	-1.600	.0629	16.46	-.0110	3744.
Stddev	8.582	.464	.3590	.25	.0605	6.
%RSD	275.8	28.96	570.7	1.493	549.5	.1488

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0946	.2159	1.292	.7303	10.79	353.8
Stddev	.1380	.1232	.375	1.976	4.69	10.4
%RSD	145.9	57.07	29.05	270.6	43.43	2.953

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	837.8	2.645	5838.	1.032	.5860	3.706
Stddev	10.1	.084	17.	.293	.2393	.646
%RSD	1.211	3.159	.2978	28.41	40.83	17.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.537	1.347	.4070	.7743	9.624	-.0027
Stddev	2.352	3.621	.3136	.1529	.216	.2339
%RSD	153.0	268.9	77.04	19.75	2.243	8658.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-45769-a-15-b@ Acquired: 10/17/2012 20:38:06 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5470	13.90	.3991	753.0
Stddev	.3976	.14	.5475	7.6
%RSD	72.69	1.017	137.2	1.005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1821.6	38545.	8831.0
Stddev	4.3	133.	62.0
%RSD	.23845	.34415	.70248

Sample Name: 460-45769-a-15-d.ms Acquired: 10/17/2012 20:41:45 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1918.	1823.	45.31	2044.	47.47	38830.
Stddev	5.	5.	.42	4.	.06	29.
%RSD	.2671	.2545	.9196	.1900	.1289	.0752

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.39	479.5	197.1	233.0	1022.	20790.
Stddev	.17	.1	.4	1.4	5.	35.
%RSD	.3533	.0271	.1961	.6146	.5276	.1674

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23040.	503.6	48660.	492.0	492.8	447.9
Stddev	11.	.7	13.	.6	.9	1.9
%RSD	.0484	.1481	.0274	.1271	.1728	.4244

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1790.	2045.	471.1	479.6	513.4	462.8
Stddev	5.	2.	1.2	.2	1.7	.3
%RSD	.2952	.1074	.2530	.0430	.3226	.0645

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-15-d.ms Acquired: 10/17/2012 20:41:45 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	490.1	533.1	470.9	4142.
Stddev	2.8	.1	.7	1.
%RSD	.5785	.0259	.1411	.0286

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1751.1	36838.	8844.0
Stddev	.5	74.	31.9
%RSD	.02922	.20163	.36031

Sample Name: pds 460-45769-a-15-b Acquired: 10/17/2012 20:45:08 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1872.	1800.	44.00	2008.	46.38	38240.
Stddev	4.	5.	.12	3.	.10	101.
%RSD	.1998	.2596	.2673	.1503	.2118	.2650

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.77	470.6	192.4	227.0	987.1	20480.
Stddev	.34	.9	.7	2.2	7.9	78.
%RSD	.7187	.2000	.3647	.9559	.7967	.3794

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22560.	492.6	48060.	484.2	483.8	443.1
Stddev	119.	1.5	176.	1.2	2.6	2.5
%RSD	.5256	.3102	.3671	.2522	.5271	.5648

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1767.	2009.	461.9	471.7	506.4	456.3
Stddev	1.	1.	2.0	1.0	1.0	1.0
%RSD	.0559	.0467	.4235	.2033	.1968	.2171

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-45769-a-15-b Acquired: 10/17/2012 20:45:08 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	481.7	525.1	464.7	4097.
Stddev	1.4	2.3	3.3	49.
%RSD	.2976	.4394	.7201	1.204

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1750.8	36946.	8808.4
Stddev	1.4	93.	11.4
%RSD	.07747	.25153	.12914

Sample Name: 460-45869-b-2-a Acquired: 10/17/2012 20:48:33 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	352.0	2.335	.5469	463.2	-.0202	38130.
Stddev	4.0	.629	.4746	.7	.0500	107.
%RSD	1.124	26.93	86.77	.1538	248.2	.2799

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1049	4.159	.8493	.7572	23210.	4835.
Stddev	.1047	.071	.1097	2.552	37.	10.
%RSD	99.81	1.698	12.92	337.1	.1615	.2033

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30950.	1269.	87500.	.8324	1.812	1.606
Stddev	78.	1.	248.	.8169	2.820	.207
%RSD	.2524	.0562	.2834	98.14	155.6	12.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.617	-1.211	.9055	3.264	31.76	.4307
Stddev	5.037	1.700	.6652	.101	.63	.2132
%RSD	311.4	140.4	73.46	3.106	1.992	49.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45869-b-2-a Acquired: 10/17/2012 20:48:33 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9167	339.9	6.407	9758.
Stddev	.4672	1.2	.749	30.
%RSD	50.97	.3456	11.69	.3061

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1741.0	36636.	8839.4
Stddev	3.2	66.	24.4
%RSD	.18264	.18113	.27608

Sample Name: 460-45869-b-3-a Acquired: 10/17/2012 20:52:08 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	569.2	.0047	-.1626	143.1	.0089	33070.
Stddev	7.5	.7510	.2093	.3	.0329	47.
%RSD	1.325	15940.	128.7	.2371	370.0	.1416

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0659	2.822	.8081	1.024	749.7	6901.
Stddev	.2028	.119	.4518	1.010	11.3	13.
%RSD	307.7	4.210	55.91	98.63	1.512	.1945

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16710.	39.28	132100.	1.732	1.432	1.448
Stddev	42.	.21	64.	.306	1.065	2.646
%RSD	.2538	.5461	.0486	17.69	74.39	182.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4447	4.256	.9746	4.328	24.48	.2092
Stddev	3.413	4.210	.6708	.134	.13	.3059
%RSD	767.5	98.94	68.83	3.092	.5458	146.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45869-b-3-a Acquired: 10/17/2012 20:52:08 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0254	232.0	10.71	10230.
Stddev	.5148	.3	.87	4.
%RSD	2024.	.1201	8.153	.0393

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1734.9	36257.	8767.1
Stddev	.1	34.	27.9
%RSD	.00860	.09449	.31807

Sample Name: 460-45869-b-4-b Acquired: 10/17/2012 20:55:45 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	335.2	5.713	.1479	84.58	-.0159	64910.
Stddev	4.4	.981	.3840	.52	.0557	135.
%RSD	1.317	17.17	259.6	.6096	350.0	.2077

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0912	.0562	.2788	1.925	32.44	6209.
Stddev	.1544	.1871	.3808	1.759	10.83	40.
%RSD	169.4	332.8	136.6	91.35	33.39	.6433

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	261.5	.6380	138000.	13.92	2.903	1.436
Stddev	2.5	.0579	390.	.52	1.008	2.136
%RSD	.9509	9.080	.2822	3.764	34.73	148.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.379	-2.072	10.63	1.427	8.382	12.47
Stddev	1.201	1.378	.09	.214	.454	.21
%RSD	27.42	66.50	.8752	15.02	5.413	1.714

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45869-b-4-b Acquired: 10/17/2012 20:55:45 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3272	1132.	4.790	2589.
Stddev	.4828	4.	.378	26.
%RSD	147.5	.3584	7.896	.9873

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1719.1	36026.	8826.6
Stddev	4.6	57.	25.1
%RSD	.26627	.15704	.28444

Sample Name: CCV Acquired: 10/17/2012 20:59:24 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	2425.	1202.	9897.	969.0	126400.
Stddev	338.	4.	.	6.	2.9	284.
%RSD	.2759	.1602	.0236	.0607	.3013	.2247

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1242.	2459.	4885.	12120.	98430.	50280.
Stddev	1.	1.	15.	34.	261.	152.
%RSD	.0882	.0352	.3112	.2778	.2649	.3027

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123400.	4985.	126300.	2488.	7554.	983.9
Stddev	591.	17.	241.	2.	13.	3.9
%RSD	.4789	.3334	.1907	.0901	.1743	.4012

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2404.	2494.	2447.	2458.	968.0	2476.
Stddev	2.	5.	4.	1.	2.2	.
%RSD	.0847	.2069	.1804	.0397	.2262	.0108

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 20:59:24 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	993.2	4945.	9909.	9158.
Stddev	4.5	57.	29.	12.
%RSD	.4516	1.154	.2901	.1258

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1641.2	34530.	8505.8
Stddev	.3	127.	24.1
%RSD	.01918	.36847	.28347

Sample Name: CCB Acquired: 10/17/2012 21:02:49 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.66	-.6857	-.4414	.6341	.0728	17.28
Stddev	17.78	.5611	.7602	.4809	.1329	14.07
%RSD	130.2	81.84	172.2	75.84	182.5	81.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1100	.4942	.3841	1.977	14.48	105.8
Stddev	.1072	.0748	.1106	1.008	7.52	31.0
%RSD	97.46	15.14	28.79	50.96	51.94	29.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.07	.3977	58.59	.6954	1.202	.0789
Stddev	12.08	.2485	32.16	.3184	.360	1.149
%RSD	120.0	62.47	54.88	45.78	29.93	1457.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8688	2.425	.3475	.5827	1.023	1.143
Stddev	5.912	3.539	.2968	.0715	.347	.187
%RSD	680.5	146.0	85.43	12.27	33.88	16.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 21:02:49 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3706	.5496	1.977	2.850
Stddev	.8126	.5414	.899	4.367
%RSD	219.3	98.52	45.45	153.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1811.1	38305.	8629.9
Stddev	2.1	85.	31.5
%RSD	.11658	.22101	.36556

Sample Name: 460-45769-a-11-b Acquired: 10/17/2012 21:06:29 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39.82	-1.537	.4987	94.95	-.0008	93820.
Stddev	7.98	.654	.4627	.22	.0430	55.
%RSD	20.04	42.55	92.77	.2319	5604.	.0586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1071	.7538	5.241	.9120	6481.	1952.
Stddev	.1888	.5638	.295	.2409	12.	10.
%RSD	176.3	74.79	5.633	26.41	.1814	.5003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30990.	49.67	41260.	8.047	3.610	-2.255
Stddev	42.	.15	7.	.167	.286	2.369
%RSD	.1365	.3107	.0176	2.073	7.925	105.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.303	1.112	.8218	.6807	67.82	.9361
Stddev	3.755	2.843	.6533	.0718	.67	.3126
%RSD	113.7	255.8	79.50	10.54	.9879	33.40

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-11-b Acquired: 10/17/2012 21:06:29 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1417	224.3	5.371	8120.
Stddev	.6189	.3	.893	35.
%RSD	436.8	.1167	16.62	.4273

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1720.6	36226.	8622.3
Stddev	2.5	96.	28.8
%RSD	.14338	.26577	.33458

Sample Name: 460-45769-a-12-b Acquired: 10/17/2012 21:10:05 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.26	-1.978	-.0006	94.05	-.0263	96140.
Stddev	15.58	1.702	.2937	.12	.0277	270.
%RSD	32.29	86.07	51430.	.1281	105.4	.2803

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1005	.7265	5.438	1.399	5447.	1910.
Stddev	.1447	.1747	.431	.686	21.	11.
%RSD	144.0	24.05	7.933	49.03	.3911	.5707

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31970.	45.00	42370.	7.573	3.696	-.7746
Stddev	38.	.06	86.	.510	.427	.8063
%RSD	.1194	.1331	.2025	6.730	11.55	104.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.578	.8625	1.056	.7932	68.63	.4776
Stddev	4.444	1.422	.033	.1282	1.38	.3946
%RSD	281.6	164.8	3.095	16.16	2.004	82.64

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-12-b Acquired: 10/17/2012 21:10:05 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5814	237.4	5.213	8291.
Stddev	.5861	.7	.460	48.
%RSD	100.8	.2968	8.827	.5844

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1725.0	36266.	8659.7
Stddev	.9	10.	63.6
%RSD	.04943	.02792	.73387

Sample Name: 460-45769-f-14-b Acquired: 10/17/2012 21:13:40 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.02	-.7688	.2188	124.6	-.0073	43470.
Stddev	11.51	1.581	.5581	.6	.0195	114.
%RSD	23.00	205.7	255.1	.4757	266.6	.2614

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1785	1.713	9.601	2.355	1741.	3308.
Stddev	.1443	.453	.477	.749	10.	8.
%RSD	80.87	26.46	4.973	31.83	.5619	.2362

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5492.	145.7	34640.	7.776	.8648	-.1213
Stddev	21.	.2	99.	.560	1.468	2.172
%RSD	.3890	.1664	.2870	7.200	169.7	1790.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.794	1.537	3.068	2.007	147.9	.2844
Stddev	3.749	1.204	.312	.124	.6	.2721
%RSD	134.2	78.32	10.16	6.167	.4175	95.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-f-14-b Acquired: 10/17/2012 21:13:40 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.275	150.3	3.955	6155.
Stddev	.133	.6	.455	12.
%RSD	10.46	.3930	11.51	.1869

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1763.5	37219.	8806.2
Stddev	1.9	36.	16.4
%RSD	.10652	.09731	.18655

Sample Name: 460-45769-a-17-b Acquired: 10/17/2012 21:17:17 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.15	-1.515	.7925	100.7	-.0382	91370.
Stddev	6.76	3.372	.1658	.3	.0486	80.
%RSD	15.32	222.6	20.92	.2863	127.3	.0872

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6494	2.412	83.11	7.856	324.4	6080.
Stddev	.1306	.201	.27	1.591	11.3	6.
%RSD	20.11	8.331	.3232	20.25	3.489	.0974

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6789.	1220.	85060.	38.21	4.246	1.035
Stddev	29.	1.	64.	.68	.755	.101
%RSD	.4317	.1115	.0752	1.791	17.77	9.727

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.624	2.353	1.276	3.877	692.0	2.919
Stddev	2.425	2.052	.737	.208	.2	.227
%RSD	52.44	87.18	57.75	5.353	.0340	7.788

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-17-b Acquired: 10/17/2012 21:17:17 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.348	909.4	5.882	5558.
Stddev	.998	.9	.919	25.
%RSD	74.00	.1012	15.63	.4506

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1722.1	36183.	8714.5
Stddev	.6	13.	20.2
%RSD	.03219	.03596	.23184

Sample Name: 460-45769-a-19-b Acquired: 10/17/2012 21:20:52 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37.19	-.5562	1.106	130.3	.0142	30640.
Stddev	9.83	.9867	.597	.7	.0699	52.
%RSD	26.44	177.4	54.00	.5293	493.9	.1709

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1556	.5982	6.470	2.445	7594.	3942.
Stddev	.1010	.1338	.300	1.354	19.	25.
%RSD	64.93	22.36	4.634	55.36	.2550	.6452

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5014.	5835.	35760.	4.233	.6178	-.1983
Stddev	15.	12.	31.	.593	1.095	1.106
%RSD	.2944	.1977	.0854	14.01	177.2	557.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.437	9.008	2.322	2.158	119.3	1.250
Stddev	2.424	2.407	.118	.152	.6	.269
%RSD	99.48	26.72	5.099	7.023	.5128	21.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-19-b Acquired: 10/17/2012 21:20:52 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1807	175.8	3.745	8836.
Stddev	.5865	.3	.582	36.
%RSD	324.5	.1722	15.53	.4119

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1771.6	37366.	8779.4
Stddev	2.1	172.	35.2
%RSD	.11674	.46154	.40097

Sample Name: 460-45769-a-21-b Acquired: 10/17/2012 21:24:29 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.16	-.1729	-.4984	171.3	.0348	74650.
Stddev	9.55	2.006	.3979	.2	.0507	171.
%RSD	27.95	1161.	79.83	.1240	145.5	.2290

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1279	1.231	23.94	.5792	12320.	1295.
Stddev	.2568	.323	.57	1.334	53.	19.
%RSD	200.9	26.25	2.395	230.3	.4271	1.442

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32140.	971.8	41890.	20.39	3.768	1.338
Stddev	140.	1.4	77.	1.31	1.742	2.114
%RSD	.4345	.1456	.1848	6.431	46.24	158.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.998	1.966	.3320	1.538	73.52	2.933
Stddev	3.384	1.948	.4312	.078	.23	.187
%RSD	56.41	99.09	129.9	5.045	.3196	6.363

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-a-21-b Acquired: 10/17/2012 21:24:29 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9870	177.4	4.646	4737.
Stddev	.2621	.4	.322	29.
%RSD	26.55	.2103	6.921	.6025

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1729.8	36412.	8689.7
Stddev	2.9	75.	39.3
%RSD	.16619	.20554	.45182

Sample Name: 460-45769-f-28-b Acquired: 10/17/2012 21:28:04 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.63	.0587	1.492	99.33	-.0268	91820.
Stddev	12.43	2.194	.477	.19	.0604	137.
%RSD	25.55	3736.	31.98	.1868	225.1	.1489

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5899	2.379	78.33	7.463	298.2	6059.
Stddev	.0851	.357	.03	2.340	8.6	20.
%RSD	14.43	15.01	.0355	31.36	2.882	.3361

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6778.	1200.	84750.	35.81	3.031	-1.974
Stddev	26.	1.	50.	.38	.881	1.130
%RSD	.3766	.0887	.0591	1.057	29.06	57.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.790	2.540	1.444	3.440	689.7	2.657
Stddev	4.663	.583	.306	.132	.2	.229
%RSD	97.35	22.94	21.21	3.822	.0241	8.601

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45769-f-28-b Acquired: 10/17/2012 21:28:04 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.493	906.5	6.032	5591.
Stddev	.289	.6	.327	33.
%RSD	19.34	.0676	5.423	.5864

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1719.8	36139.	8656.0
Stddev	1.8	73.	53.9
%RSD	.10346	.20223	.62240

Sample Name: 460-45770-f-4-c Acquired: 10/17/2012 21:31:39 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.308	-1.807	-.0511	-.0893	.0051	18.64
Stddev	10.44	.373	.3426	.2221	.0196	14.23
%RSD	315.6	20.66	670.3	248.7	385.7	76.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0140	.3805	.0418	2.395	9.500	35.74
Stddev	.0343	.2488	.1413	1.421	5.909	22.00
%RSD	244.9	65.38	338.2	59.32	62.20	61.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7117	.1101	50.33	-.0169	.9153	-1.208
Stddev	1.805	.1177	18.76	.5582	1.300	.214
%RSD	253.6	107.0	37.28	3295.	142.0	17.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.807	1.890	-.1405	.6722	1.985	-.2421
Stddev	.854	2.531	.3673	.0735	.342	.4086
%RSD	22.43	133.9	261.4	10.94	17.25	168.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45770-f-4-c Acquired: 10/17/2012 21:31:39 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1434	.1381	.8725	10.72
Stddev	.5250	.0310	.2481	3.76
%RSD	366.2	22.46	28.43	35.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1837.5	39115.	8836.3
Stddev	.6	159.	33.1
%RSD	.03082	.40678	.37505

Sample Name: 460-45789-d-10-a Acquired: 10/17/2012 21:35:18 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.617	-.9291	.4009	.1616	-.0538	-7.117
Stddev	4.454	1.495	.3300	.2050	.0208	3.868
%RSD	123.1	160.9	82.32	126.9	38.55	54.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0655	.0294	.2092	1.568	14.66	13.71
Stddev	.0039	.1161	.2085	.606	7.06	7.54
%RSD	5.936	394.3	99.70	38.67	48.18	54.99

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.346	.0154	28.49	.7942	1.434	2.408
Stddev	3.784	.0223	4.25	.5185	2.570	1.505
%RSD	113.1	144.9	14.92	65.28	179.2	62.49

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.016	2.668	.1519	.5170	37.41	-.0734
Stddev	3.481	.914	.4654	.1255	.18	.2787
%RSD	172.7	34.27	306.4	24.28	.4942	379.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45789-d-10-a Acquired: 10/17/2012 21:35:18 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4769	.0345	1.098	59.97
Stddev	.7045	.0475	.473	2.65
%RSD	147.7	137.9	43.10	4.420

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1842.2	39295.	8877.5
Stddev	1.8	153.	29.6
%RSD	.09751	.38946	.33323

Sample Name: 460-45829-d-3-c Acquired: 10/17/2012 21:38:57 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.139	1.336	-.2110	-.0290	-.0340	4.420
Stddev	7.639	1.328	.3220	.1704	.0403	5.637
%RSD	670.6	99.43	152.6	587.2	118.7	127.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0655	.2755	.1330	.2428	7.321	8.893
Stddev	.0801	.1744	.5691	1.232	5.858	29.16
%RSD	122.3	63.32	427.9	507.5	80.02	328.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.642	.1533	17.09	.3196	1.491	-.9281
Stddev	4.445	.0134	3.89	.4506	1.567	2.104
%RSD	270.8	8.750	22.78	141.0	105.1	226.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.126	-1.658	.2949	.6888	1.447	-.0803
Stddev	.055	1.065	.3625	.2356	.195	.2714
%RSD	2.604	64.26	122.9	34.21	13.44	337.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45829-d-3-c Acquired: 10/17/2012 21:38:57 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1566	.0426	1.058	6.312
Stddev	.1721	.1081	.263	8.739
%RSD	109.9	253.6	24.86	138.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1833.2	39096.	8863.1
Stddev	1.8	89.	62.1
%RSD	.09580	.22889	.70102

Sample Name: CCV Acquired: 10/17/2012 21:42:36 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2391.	1190.	9784.	955.6	125300.
Stddev	111.	8.	1.	19.	1.3	42.
%RSD	.0910	.3277	.0916	.1955	.1387	.0332

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1228.	2431.	4879.	11960.	98300.	49630.
Stddev	4.	5.	13.	11.	184.	39.
%RSD	.3258	.2043	.2646	.0905	.1875	.0794

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123000.	4963.	124600.	2459.	7467.	957.8
Stddev	350.	12.	90.	4.	21.	6.9
%RSD	.2849	.2449	.0721	.1794	.2752	.7163

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2364.	2469.	2425.	2435.	955.2	2439.
Stddev	6.	14.	4.	12.	2.8	2.
%RSD	.2541	.5702	.1635	.4720	.2964	.0964

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 21:42:36 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	980.4	4955.	9762.	8955.
Stddev	.9	69.	11.	99.
%RSD	.0942	1.399	.1118	1.107

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1646.2	34265.	8366.1
Stddev	9.8	106.	38.6
%RSD	.59417	.30925	.46091

Sample Name: CCB Acquired: 10/17/2012 21:46:03 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.39	-.3251	.6606	.4470	.0807	7.761
Stddev	15.58	1.963	.4557	.2783	.0208	17.73
%RSD	69.58	604.0	68.98	62.24	25.83	228.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1706	.2711	.2827	1.431	14.38	90.94
Stddev	.1410	.2170	.8967	2.305	11.69	60.22
%RSD	82.66	80.04	317.2	161.1	81.33	66.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.749	.3466	39.83	.5930	-.7236	.7795
Stddev	9.170	.3568	25.85	.0919	1.951	2.077
%RSD	118.3	102.9	64.90	15.51	269.6	266.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.153	1.843	.4793	.2504	.8347	1.279
Stddev	5.602	1.597	.2778	.2116	.5341	.540
%RSD	485.8	86.67	57.97	84.52	63.99	42.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 21:46:03 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4568	.4761	1.894	-11.94
Stddev	.9760	.4725	.680	8.73
%RSD	213.7	99.25	35.90	73.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1825.8	38644.	8701.9
Stddev	1.4	73.	38.6
%RSD	.07871	.18969	.44405

Sample Name: 460-45838-c-1-a Acquired: 10/17/2012 21:49:43 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.925	-1.039	.1447	.1589	-.0047	6.667
Stddev	8.673	1.448	.3716	.1944	.0083	5.344
%RSD	146.4	139.3	256.8	122.3	179.0	80.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0853	-.0201	.6404	.6240	11.65	23.50
Stddev	.0990	.1497	.4165	.6503	2.96	16.42
%RSD	116.0	743.5	65.04	104.2	25.40	69.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.085	.1151	18.88	.4985	.0619	.1190
Stddev	1.139	.0513	2.44	.3517	.7987	1.371
%RSD	54.66	44.59	12.91	70.54	1289.	1153.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.157	-.6202	.3982	.9856	56.04	-.0719
Stddev	4.789	3.012	.1110	.1287	.12	.2396
%RSD	222.0	485.6	27.87	13.06	.2176	333.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45838-c-1-a Acquired: 10/17/2012 21:49:43 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2467	.1882	1.125	62.44
Stddev	.5783	.0570	.233	6.30
%RSD	234.4	30.32	20.67	10.08

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1841.0	39458.	9028.8
Stddev	1.3	82.	56.6
%RSD	.07249	.20694	.62666

Sample Name: 460-45846-f-1-a Acquired: 10/17/2012 21:53:22 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.02	-.2346	-.2519	25.82	-.0164	38200.
Stddev	13.64	.7845	.1165	.37	.0778	90.
%RSD	29.00	334.5	46.24	1.432	474.8	.2363

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1540	.1837	.3686	3.997	207.3	3923.
Stddev	.0466	.2908	.4504	1.304	8.0	50.
%RSD	30.29	158.3	122.2	32.63	3.884	1.275

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11390.	66.44	53510.	1.714	2.529	2.792
Stddev	29.	.33	91.	.456	.745	1.553
%RSD	.2554	.4988	.1695	26.61	29.47	55.61

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8781	-.9132	1.756	6.010	97.84	1.650
Stddev	1.937	4.347	.429	.156	1.16	.226
%RSD	220.6	476.0	24.46	2.592	1.182	13.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45846-f-1-a Acquired: 10/17/2012 21:53:22 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-7214	137.6	3.474	4035.
Stddev	.4386	.2	.740	40.
%RSD	60.79	.1721	21.30	.9961

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1759.3	36947.	8814.0
Stddev	3.7	51.	16.2
%RSD	.20846	.13731	.18348

Sample Name: 460-45846-f-2-a Acquired: 10/17/2012 21:56:59 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56.96	-.8048	.2781	27.48	-.0252	38060.
Stddev	8.22	.7831	.4576	.28	.0550	28.
%RSD	14.43	97.30	164.5	1.024	218.5	.0745

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3448	.0221	3.207	3.580	262.6	3928.
Stddev	.2292	.3189	.358	2.091	8.9	9.
%RSD	66.46	1443.	11.17	58.42	3.393	.2331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11350.	72.29	53030.	3.901	4.577	2.707
Stddev	11.	.42	91.	.215	2.028	1.176
%RSD	.0935	.5836	.1713	5.499	44.31	43.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6317	1.117	1.671	15.92	98.25	1.799
Stddev	4.368	4.130	.530	.11	.83	.090
%RSD	691.5	369.6	31.73	.7018	.8410	5.027

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45846-f-2-a Acquired: 10/17/2012 21:56:59 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9372	138.0	4.339	4111.
Stddev	.5987	.3	.696	10.
%RSD	63.88	.2008	16.04	.2447

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1755.6	36985.	8783.4
Stddev	3.6	86.	63.9
%RSD	.20241	.23360	.72734

Sample Name: 460-45846-f-3-a Acquired: 10/17/2012 22:00:35 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	74.22	.5397	.3195	27.76	-.0323	38330.
Stddev	15.48	2.392	.4089	.39	.0674	77.
%RSD	20.85	443.2	128.0	1.399	208.9	.2000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2457	.3864	1.382	4.530	274.8	3946.
Stddev	.0661	.1666	.288	1.487	4.5	13.
%RSD	26.91	43.12	20.86	32.82	1.625	.3229

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11380.	75.49	53300.	2.125	3.583	2.506
Stddev	14.	.26	83.	.437	1.950	.611
%RSD	.1250	.3481	.1558	20.57	54.43	24.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.402	4.467	2.190	15.13	99.90	1.640
Stddev	1.379	.353	.766	.06	.36	.220
%RSD	40.54	7.913	34.98	.3830	.3556	13.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45846-f-3-a Acquired: 10/17/2012 22:00:35 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3071	138.6	4.219	4105.
Stddev	.6939	.2	.396	10.
%RSD	225.9	.1635	9.395	.2447

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1758.9	37073.	8815.0
Stddev	1.8	56.	21.4
%RSD	.10002	.15118	.24261

Sample Name: 460-45846-f-4-a Acquired: 10/17/2012 22:04:12 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.07	-.1625	-.1594	27.43	.0082	38440.
Stddev	6.12	1.524	.4121	.38	.0493	58.
%RSD	13.57	937.5	258.5	1.368	598.3	.1504

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0524	.3911	1.386	3.637	227.1	3977.
Stddev	.0583	.1177	.213	1.042	15.7	15.
%RSD	111.4	30.09	15.38	28.64	6.919	.3658

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11470.	70.47	53650.	2.927	2.606	-1.504
Stddev	14.	.14	110.	.362	.999	2.387
%RSD	.1230	.1935	.2045	12.35	38.32	158.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.189	2.351	1.855	7.207	100.5	1.575
Stddev	2.848	2.908	.179	.061	.3	.184
%RSD	239.5	123.7	9.642	.8429	.2982	11.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45846-f-4-a Acquired: 10/17/2012 22:04:12 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2258	140.0	3.441	4179.
Stddev	.6064	.2	.918	15.
%RSD	268.6	.1186	26.68	.3632

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1753.9	37005.	8825.2
Stddev	1.2	114.	12.8
%RSD	.06965	.30846	.14503

Sample Name: 460-45865-a-11-a Acquired: 10/17/2012 22:07:50 Type: Unk

Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.427	-.6491	-.2498	-.0907	-.0117	11.17
Stddev	13.50	.5580	.7531	.1686	.0155	6.65
%RSD	393.9	85.96	301.5	186.0	131.9	59.57

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0398	.0201	.1580	-.5822	4.730	41.22
Stddev	.1183	.1830	.6843	1.236	4.888	14.97
%RSD	297.3	909.7	433.2	212.3	103.3	36.31

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.620	.0162	58.14	.3799	-.0026	-1.173
Stddev	2.461	.0155	14.29	1.225	1.847	2.880
%RSD	43.79	95.99	24.58	322.4	72210.	245.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5182	1.605	.1157	.7524	37.61	.0745
Stddev	4.364	3.527	.3500	.0738	.42	.1628
%RSD	842.1	219.7	302.4	9.809	1.130	218.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45865-a-11-a Acquired: 10/17/2012 22:07:50 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4148	.1012	.7511	63.04
Stddev	.4493	.0429	.7082	5.19
%RSD	108.3	42.36	94.29	8.235

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1834.3	39176.	8879.8
Stddev	1.5	48.	28.1
%RSD	.08118	.12331	.31608

Sample Name: 460-45914-a-2-b du@4 Acquired: 10/17/2012 22:11:29 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83920.	18.65	-.8854	517.3	4.481	12700.
Stddev	87.	3.99	.3228	.8	.028	22.
%RSD	.1040	21.40	36.46	.1576	.6322	.1771

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1917	76.01	139.1	124.2	162200.	6541.
Stddev	.1743	.06	.2	1.7	511.	11.
%RSD	90.91	.0744	.1669	1.408	.3150	.1623

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23990.	3871.	668.7	121.6	128.0	9.016
Stddev	87.	8.	7.8	.5	1.3	1.954
%RSD	.3644	.2077	1.159	.4429	1.021	21.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.221	-3.133	364.8	357.6	42.79	2.863
Stddev	1.599	.953	.2	1.1	.60	.433
%RSD	19.45	30.43	.0582	.3055	1.401	15.11

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45914-a-2-b du@4 Acquired: 10/17/2012 22:11:29 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.736	65.82	2387.	1458.
Stddev	.391	.05	2.	5.
%RSD	6.820	.0719	.1038	.3167

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1906.9	39936.	9455.0
Stddev	3.3	142.	20.8
%RSD	.17377	.35490	.21963

Sample Name: 460-45914-a-2-a@4 Acquired: 10/17/2012 22:15:01 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83990.	18.93	-1.066	517.4	4.461	12730.
Stddev	147.	2.77	.188	1.0	.037	27.
%RSD	.1750	14.65	17.64	.1959	.8197	.2154

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2550	75.61	139.7	126.8	162900.	6533.
Stddev	.0503	.27	.9	1.2	466.	28.
%RSD	19.73	.3631	.6662	.9726	.2862	.4305

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24100.	3885.	659.0	120.7	127.6	7.896
Stddev	91.	10.	1.2	.6	2.6	1.428
%RSD	.3784	.2628	.1806	.5014	2.067	18.09

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F -13.65	-1.667	365.1	358.8	43.31	3.137
Stddev	3.99	2.042	1.3	.7	.84	.467
%RSD	29.22	122.5	.3509	.2022	1.948	14.87

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-45914-a-2-a@4 Acquired: 10/17/2012 22:15:01 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.069	65.68	2390.	1456.
Stddev	1.417	.30	3.	17.
%RSD	20.05	.4526	.1379	1.151

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1905.4	39811.	9405.1
Stddev	3.0	64.	32.0
%RSD	.15704	.15970	.34043

Sample Name: sd 460-45914-a-2-a@2 Acquired: 10/17/2012 22:18:33 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17220.	2.772	-.3216	107.5	.8218	2631.
Stddev	93.	.390	.5380	.5	.0450	4.
%RSD	.5381	14.09	167.3	.4824	5.476	.1614

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1424	16.02	28.96	26.18	34090.	1339.
Stddev	.1042	.25	.59	.96	107.	19.
%RSD	73.17	1.580	2.024	3.662	.3130	1.450

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5115.	822.2	130.3	26.04	28.58	3.051
Stddev	8.	1.2	9.0	.90	1.11	1.073
%RSD	.1484	.1425	6.893	3.444	3.867	35.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.858	2.250	74.46	74.95	9.030	.3127
Stddev	1.062	1.502	.79	.46	.388	.2980
%RSD	27.54	66.77	1.056	.6198	4.300	95.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-45914-a-2-a@2 Acquired: 10/17/2012 22:18:33 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.178	13.69	491.2	277.9
Stddev	.962	.08	1.5	5.2
%RSD	81.67	.5597	.3026	1.883

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1841.7	38663.	8809.6
Stddev	.4	80.	40.0
%RSD	.02392	.20744	.45412

Sample Name: lcssrm 460-132311/2- Acquired: 10/17/2012 22:22:09 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28830.	752.2	188.5	1007.	507.0	33220.
Stddev	132.	3.7	.2	2.	2.5	138.
%RSD	.4579	.4927	.0920	.1998	.4945	.4165

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	494.1	644.6	555.6	545.7	57190.	12820.
Stddev	.9	.4	1.2	2.0	118.	62.
%RSD	.1904	.0658	.2163	.3737	.2067	.4841

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11240.	1637.	1522.	345.5	377.8	981.4
Stddev	16.	3.	11.	1.4	2.7	4.5
%RSD	.1410	.1576	.7103	.3959	.7012	.4597

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	559.8	1081.	402.4	1295.	383.7	320.0
Stddev	1.0	1.	.7	1.	.6	1.1
%RSD	.1769	.0686	.1711	.0998	.1644	.3447

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-132311/2- Acquired: 10/17/2012 22:22:09 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	708.8	624.0	775.7	1560.
Stddev	.1	2.0	4.0	30.
%RSD	.0100	.3171	.5152	1.896

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1851.0	39155.	9199.1
Stddev	3.9	224.	47.7
%RSD	.21303	.57152	.51808

Sample Name: CCV Acquired: 10/17/2012 22:25:34 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2388.	1196.	9803.	956.3	125300.
Stddev	203.	6.	1.	9.	2.9	229.
%RSD	.1668	.2548	.1180	.0898	.2992	.1824

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1230.	2434.	4844.	11970.	97670.	49880.
Stddev	1.	1.	10.	12.	71.	68.
%RSD	.0534	.0360	.1968	.0972	.0726	.1366

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122400.	4945.	125100.	2463.	7483.	966.0
Stddev	78.	5.	144.	.	5.	1.8
%RSD	.0637	.0913	.1150	.0168	.0665	.1907

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2376.	2470.	2425.	2439.	955.3	2445.
Stddev	7.	4.	3.	3.	2.2	3.
%RSD	.2856	.1744	.1059	.1150	.2307	.1117

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 22:25:34 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	984.1	4916.	9792.	9014.
Stddev	2.4	84.	14.	7.
%RSD	.2439	1.704	.1387	.0726

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1648.9	34682.	8473.7
Stddev	3.7	62.	32.1
%RSD	.22608	.17865	.37923

Sample Name: CCB Acquired: 10/17/2012 22:29:00 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.98	-2.140	-.1892	.6498	.0604	13.51
Stddev	14.04	1.734	.5823	.4619	.1464	11.75
%RSD	78.12	81.04	307.7	71.09	242.4	86.97

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0769	.2206	.5338	1.342	18.33	102.5
Stddev	.0722	.2843	.7640	3.014	9.52	42.6
%RSD	93.91	128.9	143.1	224.6	51.92	41.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.05	.4826	33.64	.4203	.5978	.4980
Stddev	7.95	.3680	30.38	.4816	.8795	1.009
%RSD	60.86	76.25	90.31	114.6	147.1	202.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.720	4.057	.1877	.1143	1.417	1.339
Stddev	3.545	1.584	.5840	.2003	.425	.110
%RSD	130.4	39.04	311.1	175.2	30.03	8.189

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 22:29:00 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1393	.5142	2.196	4.856
Stddev	.4867	.4317	.916	1.996
%RSD	349.4	83.96	41.73	41.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1815.6	38369.	8652.8
Stddev	.5	79.	16.2
%RSD	.02542	.20588	.18692

Sample Name: mb 460-132311/1-a@2 Acquired: 10/17/2012 22:32:39 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.01	-2.039	.0551	.0572	-.0033	28.99
Stddev	2.74	3.152	.7970	.1032	.0461	7.88
%RSD	13.70	154.6	1446.	180.5	1411.	27.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1517	.2542	.3267	.4049	12.86	42.62
Stddev	.0300	.0791	.2627	.5846	4.41	14.39
%RSD	19.80	31.12	80.40	144.4	34.25	33.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.944	.0570	12.61	.6826	.8191	.2973
Stddev	2.474	.0471	4.29	.7696	.6297	1.643
%RSD	50.05	82.61	34.01	112.7	76.87	552.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.038	1.419	.2428	.9466	3.628	.1424
Stddev	1.930	1.719	.1284	.1480	.357	.2274
%RSD	185.8	121.1	52.89	15.63	9.850	159.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-132311/1-a@2 Acquired: 10/17/2012 22:32:39 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5409	.3651	.3457	14.21
Stddev	.5042	.0438	.3993	7.00
%RSD	93.21	11.99	115.5	49.28

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1768.6	37693.	8359.2
Stddev	14.3	340.	31.1
%RSD	.81065	.90131	.37248

Sample Name: 460-45914-a-2-c ms@4 Acquired: 10/17/2012 22:36:19 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	101700.	860.5	21.81	1455.	27.26	22720.
Stddev	85.	3.6	.54	1.	.17	45.
%RSD	.0833	.4204	2.480	.0901	.6415	.1983

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.59	301.2	241.5	236.1	155700.	17730.
Stddev	.05	.3	.7	1.0	280.	69.
%RSD	.2375	.1162	.2963	.4369	.1799	.3895

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34900.	4009.	10190.	357.6	350.1	110.0
Stddev	107.	8.	24.	2.6	2.3	2.2
%RSD	.3067	.1881	.2356	.7168	.6713	1.975

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	816.4	941.4	563.4	590.6	254.9	213.7
Stddev	3.0	3.8	1.7	.4	.2	.4
%RSD	.3660	.3985	.3008	.0667	.0706	.1909

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45914-a-2-c ms@4 Acquired: 10/17/2012 22:36:19 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	217.4	295.8	2715.	1675.
Stddev	.4	1.0	6.	13.
%RSD	.1883	.3307	.2384	.7758

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1901.0	39765.	9365.7
Stddev	.5	151.	60.8
%RSD	.02378	.37934	.64871

Sample Name: pds 460-45914-a-2-a@ Acquired: 10/17/2012 22:39:47 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	85480.	1652.	40.44	2284.	47.18	31130.
Stddev	40.	2.	.48	3.	.12	56.
%RSD	.0466	.1067	1.185	.1532	.2602	.1787

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43.08	504.5	312.1	332.1	161700.	24180.
Stddev	.13	.9	1.5	.7	343.	13.
%RSD	.2943	.1727	.4716	.2032	.2123	.0530

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41160.	4278.	18790.	555.0	563.8	401.8
Stddev	148.	7.	12.	.6	4.2	3.1
%RSD	.3583	.1653	.0664	.1057	.7422	.7745

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1600.	1781.	788.1	784.6	457.8	415.8
Stddev	5.	7.	1.3	2.2	1.3	1.1
%RSD	.3082	.3825	.1686	.2754	.2936	.2544

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-45914-a-2-a@ Acquired: 10/17/2012 22:39:47 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	441.6	491.7	2795.	1495.
Stddev	.8	.7	4.	17.
%RSD	.1765	.1441	.1405	1.130

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1871.9	39185.	9329.7
Stddev	.8	22.	44.8
%RSD	.04009	.05630	.48005

Sample Name: 460-45914-a-1-a@4 Acquired: 10/17/2012 22:43:10 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	78550.	17.90	.0843	497.2	4.177	11540.
Stddev	243.	.44	.3243	.8	.004	13.
%RSD	.3097	2.431	384.8	.1627	.0887	.1129

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3897	78.64	140.3	159.0	151900.	6357.
Stddev	.0923	.26	.9	.9	453.	12.
%RSD	23.69	.3301	.6765	.5811	.2981	.1851

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22410.	3578.	691.9	119.4	204.7	22.32
Stddev	10.	5.	9.9	.5	2.2	1.20
%RSD	.0464	.1363	1.426	.4178	1.094	5.376

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.398	1.110	295.8	748.0	42.44	3.353
Stddev	4.416	2.156	1.1	1.7	.14	.270
%RSD	52.59	194.3	.3607	.2234	.3402	8.039

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45914-a-1-a@4 Acquired: 10/17/2012 22:43:10 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	56.19	62.69	2212.	1386.
Stddev	.93	.03	3.	8.
%RSD	1.649	.0403	.1549	.5456

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1900.9	39719.	9244.2
Stddev	5.1	249.	44.5
%RSD	.26859	.62605	.48110

Sample Name: 460-45914-a-3-a@4 Acquired: 10/17/2012 22:46:42 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82180.	14.92	-.4429	521.2	4.676	11460.
Stddev	179.	3.38	.5323	.9	.052	29.
%RSD	.2173	22.68	120.2	.1719	1.105	.2503

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2140	74.38	140.8	121.3	135100.	6113.
Stddev	.0374	.57	.8	3.0	397.	10.
%RSD	17.47	.7628	.5751	2.493	.2938	.1712

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23190.	4294.	610.1	118.1	117.6	5.706
Stddev	102.	9.	2.2	.7	.7	2.398
%RSD	.4409	.2104	.3630	.5878	.5991	42.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.750	-3.205	301.2	339.8	31.12	2.565
Stddev	2.776	1.338	.6	.9	.47	.492
%RSD	28.47	41.76	.2008	.2627	1.524	19.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45914-a-3-a@4 Acquired: 10/17/2012 22:46:42 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.938	61.45	1879.	1086.
Stddev	.329	.18	6.	2.
%RSD	11.21	.2878	.3255	.2037

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1913.7	40043.	9324.2
Stddev	3.0	88.	24.3
%RSD	.15516	.22047	.26035

Sample Name: 460-45946-a-1-a@4 Acquired: 10/17/2012 22:50:13 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82350.	3.817	-.5636	480.3	4.497	13270.
Stddev	269.	1.867	.5709	.9	.030	20.
%RSD	.3261	48.90	101.3	.1776	.6659	.1470

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7224	72.66	140.2	61.83	137100.	10150.
Stddev	.1366	.24	.5	2.87	354.	27.
%RSD	18.91	.3360	.3661	4.646	.2579	.2624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40360.	2955.	677.2	157.6	79.89	7.761
Stddev	118.	7.	9.4	.6	.34	1.875
%RSD	.2922	.2476	1.392	.4041	.4259	24.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F -12.31	-1.918	147.0	362.9	46.17	1.397
Stddev	.80	.657	1.1	.4	.30	.526
%RSD	6.536	34.25	.7631	.1193	.6439	37.67

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-45946-a-1-a@4 Acquired: 10/17/2012 22:50:13 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.904	50.70	1543.	1346.
Stddev	.582	.17	3.	31.
%RSD	20.04	.3339	.2126	2.313

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1840.9	38505.	9004.5
Stddev	4.8	8.	49.8
%RSD	.25824	.02039	.55337

Sample Name: 460-45946-a-2-a@4 Acquired: 10/17/2012 22:53:45 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84870.	6.188	.3534	531.8	4.905	12840.
Stddev	248.	2.072	.5738	.6	.094	27.
%RSD	.2916	33.48	162.4	.1168	1.906	.2093

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7879	75.19	141.2	62.89	136700.	10360.
Stddev	.1421	.27	1.0	.59	112.	44.
%RSD	18.03	.3555	.7219	.9418	.0818	.4288

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41780.	3512.	660.4	166.8	84.41	4.521
Stddev	59.	2.	3.2	.9	1.57	2.423
%RSD	.1421	.0593	.4837	.5308	1.863	53.60

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.846	1.120	148.0	372.8	45.54	1.837
Stddev	1.506	5.621	.6	1.2	.47	.207
%RSD	15.30	501.9	.3759	.3340	1.034	11.24

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45946-a-2-a@4 Acquired: 10/17/2012 22:53:45 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.244	50.33	1586.	1312.
Stddev	.477	.11	3.	7.
%RSD	21.27	.2175	.2085	.5262

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1850.0	38639.	8947.6
Stddev	3.2	92.	32.2
%RSD	.17376	.23812	.35992

Sample Name: 460-45946-a-3-a@4 Acquired: 10/17/2012 22:57:16 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	85590.	5.720	.2081	557.7	4.806	11330.
Stddev	247.	1.521	.4610	.4	.054	28.
%RSD	.2888	26.60	221.5	.0764	1.130	.2448

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8086	73.49	139.5	61.53	138400.	10130.
Stddev	.1374	.31	.9	.62	156.	27.
%RSD	16.99	.4250	.6151	1.002	.1127	.2713

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40650.	3059.	626.9	161.5	79.15	4.324
Stddev	27.	1.	3.5	1.0	.97	3.571
%RSD	.0667	.0348	.5658	.6168	1.220	82.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.523	-.2834	150.3	357.6	46.35	1.201
Stddev	3.372	2.142	.1	.7	.13	.408
%RSD	51.69	755.8	.0927	.2065	.2728	34.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45946-a-3-a@4 Acquired: 10/17/2012 22:57:16 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.176	47.45	1632.	1256.
Stddev	.173	.12	2.	12.
%RSD	7.949	.2461	.1149	.9510

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1852.5	38730.	8989.2
Stddev	6.8	237.	40.9
%RSD	.36916	.61253	.45508

Sample Name: 460-45950-f-2-a@4 Acquired: 10/17/2012 23:00:48 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47670.	11.12	-.5752	327.0	2.314	7746.
Stddev	208.	1.01	.2583	.5	.007	37.
%RSD	.4370	9.106	44.91	.1665	.3149	.4821

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4254	37.16	117.2	23.94	84330.	5198.
Stddev	.1539	.35	.5	1.20	348.	19.
%RSD	36.18	.9547	.4448	5.008	.4125	.3641

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15400.	1655.	333.6	71.12	26.80	2.197
Stddev	73.	8.	6.4	.93	.96	.533
%RSD	.4723	.4941	1.928	1.312	3.570	24.28

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.686	-2.293	96.39	191.5	16.97	-.7042
Stddev	1.693	2.828	.94	.4	.37	.3301
%RSD	29.78	123.4	.9715	.2297	2.179	46.87

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Sample Name: 460-45950-f-2-a@4 Acquired: 10/17/2012 23:00:48 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6715	50.71	1821.	1211.
Stddev	.1304	.28	7.	20.
%RSD	19.41	.5434	.3764	1.665

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1856.7	38809.	8918.3
Stddev	3.8	68.	46.7
%RSD	.20265	.17550	.52404

Sample Name: 460-45829-e-1-f@4 Acquired: 10/17/2012 23:04:21 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46870.	12.91	-1.434	240.8	6.741	20160.
Stddev	68.	1.88	.583	.2	.034	25.
%RSD	.1461	14.57	40.66	.0927	.5085	.1220

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.010	124.6	114.3	28.61	130500.	15840.
Stddev	.062	.5	.3	1.59	224.	23.
%RSD	6.141	.3930	.2992	5.558	.1715	.1472

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34290.	1202.	1147.	286.5	66.83	7.320
Stddev	130.	2.	2.	2.5	1.67	1.237
%RSD	.3798	.1462	.1765	.8776	2.495	16.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.487	-2.013	55.05	432.5	48.68	1.261
Stddev	3.130	1.199	.74	.9	.69	.111
%RSD	36.88	59.59	1.352	.2183	1.415	8.790

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45829-e-1-f@4 Acquired: 10/17/2012 23:04:21 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.655	209.4	1724.	1413.
Stddev	.905	.2	2.	8.
%RSD	54.67	.1039	.1086	.5819

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1855.0	38781.	8954.3
Stddev	2.0	95.	23.9
%RSD	.10920	.24371	.26681

Sample Name: CCV Acquired: 10/17/2012 23:07:52 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121700.	2381.	1188.	9784.	951.5	125300.
Stddev	147.	3.	2.	14.	.8	150.
%RSD	.1205	.1144	.1562	.1408	.0827	.1194

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1225.	2426.	4866.	11870.	97710.	49990.
Stddev	1.	3.	6.	12.	69.	35.
%RSD	.1053	.1114	.1253	.1043	.0703	.0690

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123000.	4939.	125300.	2466.	7467.	955.9
Stddev	121.	8.	65.	5.	9.	5.4
%RSD	.0981	.1519	.0518	.1933	.1252	.5610

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2349.	2459.	2424.	2443.	950.5	2430.
Stddev	10.	7.	1.	3.	2.8	1.
%RSD	.4097	.2954	.0278	.1324	.2912	.0604

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 23:07:52 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	981.7	4946.	9731.	F 8733.
Stddev	3.8	76.	7.	35.
%RSD	.3884	1.542	.0741	.3998

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1650.2	34543.	8233.9
Stddev	3.9	73.	27.4
%RSD	.23543	.21080	.33218

Sample Name: CCB Acquired: 10/17/2012 23:11:18 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7970	-.1164	.1549	.3774	.0668	1.062
Stddev	10.91	1.678	.3491	.4309	.0565	9.582
%RSD	1369.	1442.	225.4	114.2	84.53	902.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1319	.3047	1.123	3.473	10.40	115.0
Stddev	.1071	.0448	.439	3.400	3.01	44.3
%RSD	81.21	14.69	39.09	97.89	28.94	38.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.99	.4335	38.39	.3204	2.420	2.421
Stddev	8.21	.3469	31.41	.3938	1.523	1.571
%RSD	63.21	80.03	81.82	122.9	62.93	64.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2232	1.134	.4737	.2259	.9603	1.382
Stddev	3.538	3.015	.5540	.1677	1.002	.440
%RSD	1585.	265.9	116.9	74.24	104.4	31.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 23:11:18 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0924	.5505	2.220	-.4167
Stddev	.4125	.4319	.999	9.933
%RSD	446.6	78.45	44.99	2384.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1816.8	38407.	8533.1
Stddev	1.8	19.	43.5
%RSD	.10106	.04863	.50933

Sample Name: 460-45829-e-2-f@4 Acquired: 10/17/2012 23:14:57 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35580.	4.623	-.7318	210.8	2.805	19390.
Stddev	127.	1.485	.5039	.2	.025	50.
%RSD	.3563	32.12	68.85	.1182	.8945	.2585

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7620	70.53	103.1	11.69	112900.	9141.
Stddev	.0908	.03	.7	2.69	512.	33.
%RSD	11.91	.0390	.6653	23.05	.4537	.3624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32380.	1119.	829.6	203.6	51.23	5.312
Stddev	209.	4.	10.7	1.8	1.08	1.299
%RSD	.6465	.3916	1.290	.8721	2.105	24.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.277	.9237	51.87	327.6	27.13	.8989
Stddev	2.016	3.882	.32	.8	.55	.2311
%RSD	21.73	420.2	.6101	.2372	2.039	25.71

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45829-e-2-f@4 Acquired: 10/17/2012 23:14:57 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.920	181.5	1433.	1227.
Stddev	.449	.1	3.	8.
%RSD	23.37	.0716	.1907	.6810

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1833.6	38311.	8815.0
Stddev	6.6	129.	7.8
%RSD	.35910	.33560	.08819

Sample Name: 460-45838-e-5-c@4 Acquired: 10/17/2012 23:18:30 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24330.	73.40	.1747	155.1	1.871	4143.
Stddev	44.	1.47	.1588	.2	.061	10.
%RSD	.1801	1.999	90.87	.1372	3.262	.2406

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4741	13.17	78.72	273.3	88730.	3659.
Stddev	.0972	.20	.88	1.1	156.	10.
%RSD	20.49	1.510	1.118	.4160	.1753	.2749

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5120.	347.5	906.4	33.88	310.6	4.853
Stddev	14.	.7	9.2	.95	1.9	.326
%RSD	.2739	.1910	1.011	2.809	.6048	6.712

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4273	-.8168	99.53	142.9	21.65	3.590
Stddev	1.519	1.038	.36	.6	.23	.434
%RSD	355.5	127.0	.3667	.4245	1.039	12.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45838-e-5-c@4 Acquired: 10/17/2012 23:18:30 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	27.07	67.95	740.6	1223.
Stddev	1.34	.22	2.3	22.
%RSD	4.933	.3310	.3040	1.788

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1839.7	38618.	8745.8
Stddev	2.3	178.	38.9
%RSD	.12724	.46024	.44492

Sample Name: 460-45838-e-13-c@4 Acquired: 10/17/2012 23:22:05 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14430.	13.71	.3151	94.13	.8596	26610.
Stddev	42.	.16	.1970	.35	.0534	58.
%RSD	.2908	1.196	62.53	.3727	6.216	.2184

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5375	6.095	82.85	117.7	29830.	1269.
Stddev	.1464	.110	.87	1.8	59.	9.
%RSD	27.24	1.806	1.048	1.524	.1961	.7060

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2805.	556.7	362.1	16.36	104.7	2.602
Stddev	11.	.2	8.6	.31	1.5	4.365
%RSD	.3888	.0326	2.380	1.890	1.427	167.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1564	-.0145	71.53	97.29	55.83	1.992
Stddev	1.998	4.630	.30	.36	.82	.372
%RSD	1278.	31860.	.4151	.3668	1.469	18.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45838-e-13-c@4 Acquired: 10/17/2012 23:22:05 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.607	101.2	481.7	1333.
Stddev	.469	.1	2.1	17.
%RSD	10.18	.0665	.4356	1.251

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1813.8	38081.	8592.1
Stddev	6.5	170.	30.3
%RSD	.36011	.44574	.35215

Sample Name: 460-45838-e-14-c@4 Acquired: 10/17/2012 23:25:39 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4451.	2.579	-.3058	27.01	.9691	1652.
Stddev	25.	2.012	.2317	.37	.0519	14.
%RSD	.5666	78.01	75.75	1.376	5.352	.8754

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6730	.5482	9.294	347.1	4205.	305.4
Stddev	.0910	.1534	.191	2.3	27.	21.2
%RSD	13.52	27.98	2.055	.6562	.6344	6.945

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	312.8	16.89	56.06	5.376	58.26	1.431
Stddev	9.4	.09	1.11	.290	1.00	1.809
%RSD	2.996	.5500	1.974	5.388	1.720	126.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.945	-.8177	10.53	62.58	4.790	.1053
Stddev	2.973	2.531	.14	.18	.224	.2465
%RSD	152.9	309.6	1.340	.2848	4.683	234.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45838-e-14-c@4 Acquired: 10/17/2012 23:25:39 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.504	10.63	140.3	832.7
Stddev	.399	.04	.7	3.7
%RSD	26.56	.3695	.5334	.4417

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1867.1	39837.	8977.3
Stddev	3.6	83.	34.8
%RSD	.19046	.20903	.38801

Sample Name: 460-45838-a-15-b@4 Acquired: 10/17/2012 23:29:17 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53050.	52.37	-.3016	234.4	3.257	12640.
Stddev	221.	1.47	.1965	.6	.037	41.
%RSD	.4162	2.804	65.16	.2636	1.150	.3278

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5918	29.37	128.3	342.2	115200.	6190.
Stddev	.0709	.21	1.2	3.1	324.	19.
%RSD	11.99	.7096	.9671	.9203	.2813	.3002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12630.	884.7	1091.	74.22	314.3	3.913
Stddev	47.	1.2	4.	1.24	1.2	1.771
%RSD	.3726	.1316	.3805	1.673	.3906	45.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.057	-1.294	166.6	518.2	58.10	3.099
Stddev	2.318	1.419	.6	1.4	1.10	.333
%RSD	45.83	109.6	.3732	.2649	1.891	10.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45838-a-15-b@4 Acquired: 10/17/2012 23:29:17 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.42	110.1	1308.	1200.
Stddev	.41	.1	2.	23.
%RSD	2.676	.1234	.1501	1.884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1863.3	39127.	9059.4
Stddev	1.6	102.	22.7
%RSD	.08461	.26002	.25013

Sample Name: 460-45815-b-20-e@4 Acquired: 10/17/2012 23:32:50 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15450.	5.898	-.5911	64.75	.5374	1710.
Stddev	52.	.255	.5572	.41	.0353	7.
%RSD	.3374	4.316	94.27	.6377	6.564	.4071

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1098	5.340	31.32	84.17	23770.	751.4
Stddev	.0931	.069	.77	2.01	35.	16.1
%RSD	84.78	1.286	2.474	2.384	.1459	2.136

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1715.	107.5	142.0	17.27	95.52	-.9503
Stddev	12.	.1	7.0	.64	.58	2.040
%RSD	.6710	.0848	4.905	3.700	.6039	214.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.356	.2731	39.81	68.59	4.826	.2579
Stddev	3.478	2.485	.43	.03	.776	.1741
%RSD	147.6	909.8	1.069	.0458	16.08	67.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45815-b-20-e@4 Acquired: 10/17/2012 23:32:50 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.854	15.14	528.9	880.4
Stddev	.631	.07	.7	12.4
%RSD	9.211	.4384	.1255	1.404

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1838.3	38801.	8772.1
Stddev	4.1	123.	52.0
%RSD	.22371	.31799	.59308

Sample Name: 460-45817-e-1-d@4 Acquired: 10/17/2012 23:36:25 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1385.	9.164	-2.663	41.60	.0097	913.5
Stddev	27.	.703	.7790	.24	.0015	6.4
%RSD	1.947	7.665	292.5	.5731	15.72	.7015

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0368	6.242	10.90	26.02	8718.	306.9
Stddev	.0622	.350	.70	1.12	16.	3.9
%RSD	169.0	5.606	6.458	4.286	.1819	1.284

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	388.8	77.50	400.2	19.89	35.81	3.726
Stddev	3.1	.12	2.8	.12	1.19	2.592
%RSD	.8008	.1505	.7119	.6175	3.323	69.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.945	1.127	19.42	50.16	3.596	3.720
Stddev	4.352	3.669	.45	.13	.176	.132
%RSD	147.8	325.4	2.335	.2649	4.908	3.539

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45817-e-1-d@4 Acquired: 10/17/2012 23:36:25 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.882	10.13	758.7	299.5
Stddev	.908	.05	.8	6.3
%RSD	31.50	.4720	.1107	2.104

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1837.7	39075.	8726.0
Stddev	3.3	132.	50.4
%RSD	.18210	.33902	.57755

Sample Name: 460-45960-e-1-c@4 Acquired: 10/17/2012 23:40:03 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32110.	5.818	-.5845	128.4	1.421	8847.
Stddev	86.	2.697	.1508	.2	.032	10.
%RSD	.2668	46.36	25.79	.1568	2.256	.1124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1047	27.28	44.32	65.57	67400.	3463.
Stddev	.1190	.11	.11	.88	32.	11.
%RSD	113.6	.3965	.2427	1.338	.0472	.3092

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13400.	623.3	1300.	64.66	77.61	.5732
Stddev	30.	.9	2.	.33	1.94	.9458
%RSD	.2206	.1367	.1464	.5038	2.501	165.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.971	-.0228	51.00	210.7	7.665	.3885
Stddev	2.191	1.707	.25	1.1	.305	.1519
%RSD	44.09	7490.	.4827	.5084	3.981	39.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45960-e-1-c@4 Acquired: 10/17/2012 23:40:03 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.349	45.25	449.0	832.8
Stddev	.428	.15	1.8	10.9
%RSD	8.010	.3254	.4051	1.309

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1845.9	38892.	8906.1
Stddev	3.1	123.	31.4
%RSD	.16640	.31655	.35299

Sample Name: 460-45960-e-3-c@4 Acquired: 10/17/2012 23:43:37 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35530.	13.59	-.9748	137.3	3.515	7256.
Stddev	29.	1.20	.6023	.2	.081	5.
%RSD	.0807	8.797	61.79	.1353	2.289	.0715

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4599	18.03	87.94	92.09	65070.	6701.
Stddev	.1709	.37	.84	.53	115.	24.
%RSD	37.17	2.040	.9586	.5727	.1769	.3576

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20820.	682.3	2609.	58.53	77.21	.8229
Stddev	74.	1.1	9.	.64	.30	1.872
%RSD	.3560	.1616	.3343	1.095	.3862	227.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.258	-1.365	108.1	230.5	11.50	2.321
Stddev	3.838	.342	.7	.2	.72	.224
%RSD	52.88	25.04	.6387	.0732	6.255	9.655

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45960-e-3-c@4 Acquired: 10/17/2012 23:43:37 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.108	39.28	1581.	847.9
Stddev	.070	.04	1.	21.6
%RSD	3.343	.1130	.0829	2.545

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1890.5	39836.	9143.8
Stddev	4.5	250.	23.5
%RSD	.23962	.62797	.25705

Sample Name: 460-45926-f-1-a@4 Acquired: 10/17/2012 23:47:10 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59170.	26.64	-7.524	89.92	1.443	1260.
Stddev	214.	.53	.4524	.39	.076	15.
%RSD	.3610	2.007	60.13	.4370	5.272	1.189

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5196	10.29	100.4	26.26	103800.	939.0
Stddev	.1088	.29	.7	.65	23.	18.1
%RSD	20.93	2.858	.7196	2.479	.0223	1.931

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1022.	178.0	-56.98	20.40	60.38	3.540
Stddev	3.	.3	6.74	.53	1.32	.185
%RSD	.2479	.1438	11.82	2.578	2.180	5.214

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.268	-2.096	125.7	60.26	2.382	2.717
Stddev	4.554	1.023	.7	.14	.747	.445
%RSD	55.08	48.80	.5454	.2280	31.33	16.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45926-f-1-a@4 Acquired: 10/17/2012 23:47:10 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.195	13.92	724.0	1326.
Stddev	.314	.05	3.0	8.
%RSD	9.818	.3751	.4120	.5673

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1852.7	38888.	8970.0
Stddev	5.9	247.	35.3
%RSD	.31759	.63568	.39349

Sample Name: CCV Acquired: 10/17/2012 23:50:46 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	2386.	1192.	9795.	950.1	125300.
Stddev	250.	11.	3.	5.	2.4	284.
%RSD	.2052	.4421	.2151	.0531	.2502	.2268

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1227.	2429.	4831.	11890.	97120.	50070.
Stddev	2.	4.	12.	18.	214.	172.
%RSD	.1832	.1586	.2511	.1500	.2198	.3442

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	4914.	125600.	2469.	7466.	969.2
Stddev	515.	12.	255.	1.	21.	1.1
%RSD	.4230	.2483	.2029	.0413	.2814	.1144

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2377.	2458.	2414.	2432.	956.6	2435.
Stddev	1.	3.	7.	4.	1.2	5.
%RSD	.0470	.1373	.2905	.1645	.1248	.2143

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/17/2012 23:50:46 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	981.6	4900.	9745.	F 8865.
Stddev	1.9	96.	27.	26.
%RSD	.1919	1.953	.2816	.2940

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1655.6	34960.	8418.1
Stddev	4.0	210.	47.1
%RSD	.24283	.60153	.55922

Sample Name: CCB Acquired: 10/17/2012 23:54:13 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.67	.2607	.3114	.4785	.0526	12.02
Stddev	21.20	2.023	.1101	.4379	.0875	12.13
%RSD	127.2	776.2	35.35	91.52	166.5	100.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1555	.2362	.7380	2.142	17.58	89.67
Stddev	.0355	.3343	.1441	.813	4.76	48.24
%RSD	22.80	141.5	19.53	37.95	27.08	53.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.160	.3648	36.86	.7633	.3114	-.2162
Stddev	5.442	.3135	22.11	.9447	1.228	2.682
%RSD	59.41	85.92	59.98	123.8	394.2	1240.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.267	1.901	.4751	.1370	1.132	1.215
Stddev	2.995	1.222	.5348	.1656	.077	.376
%RSD	236.4	64.27	112.6	120.9	6.784	30.93

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/17/2012 23:54:13 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5408	.5988	1.471	10.06
Stddev	.8563	.4314	1.248	13.80
%RSD	158.3	72.06	84.83	137.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1820.1	38638.	8568.5
Stddev	2.7	130.	71.7
%RSD	.14715	.33586	.83624

Sample Name: 460-45756-a-23-c@4 Acquired: 10/17/2012 23:57:52 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59930.	5.991	-.3084	297.7	2.785	3757.
Stddev	335.	2.634	.7637	.1	.065	17.
%RSD	.5590	43.96	247.7	.0206	2.325	.4582

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4675	53.45	91.46	54.30	104800.	7389.
Stddev	.1985	.11	.37	.81	128.	58.
%RSD	42.45	.2111	.4078	1.488	.1224	.7794

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21900.	2958.	421.2	108.7	60.68	7.984
Stddev	82.	5.	8.8	.8	2.44	1.894
%RSD	.3732	.1627	2.099	.7505	4.023	23.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.314	-3.258	108.3	231.0	29.67	1.814
Stddev	.844	2.801	.3	.7	.10	.285
%RSD	9.061	85.96	.2310	.2942	.3361	15.71

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45756-a-23-c@4 Acquired: 10/17/2012 23:57:52 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.864	32.72	1320.	1113.
Stddev	.757	.10	5.	18.
%RSD	26.43	.3184	.3587	1.631

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1837.0	38574.	8812.6
Stddev	6.5	247.	27.1
%RSD	.35460	.63935	.30737

Sample Name: 460-42543-e-19-a@4 Acquired: 10/18/2012 0:01:24 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92990.	102.1	-1.769	51.11	3.982	102.6
Stddev	320.	2.6	.539	.77	.052	6.8
%RSD	.3445	2.534	30.50	1.511	1.307	6.669

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.140	13.40	191.1	50.96	F 480800.	485.4
Stddev	.163	.24	.3	2.47	2300.	8.2
%RSD	7.633	1.808	.1556	4.849	.4784	1.690

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	541.7	217.7	1417.	18.03	44.27	16.20
Stddev	5.8	1.0	11.	.73	1.75	1.68
%RSD	1.074	.4507	.7895	4.042	3.945	10.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F -34.19	-8.165	172.8	92.56	-1.324	1.838
Stddev	2.64	1.489	1.3	.25	.569	.594
%RSD	7.724	18.24	.7579	.2663	43.02	32.30

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-42543-e-19-a@4 Acquired: 10/18/2012 0:01:24 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.805	2.851	730.4	1419.
Stddev	.731	.058	1.9	5.
%RSD	8.297	2.016	.2652	.3349

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1826.7	38180.	8879.0
Stddev	3.4	87.	52.8
%RSD	.18673	.22871	.59511

Sample Name: CCV Acquired: 10/18/2012 0:04:58 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121600.	2383.	1189.	9794.	946.9	125200.
Stddev	231.	6.	3.	15.	1.1	220.
%RSD	.1899	.2366	.2533	.1581	.1116	.1753

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1226.	2431.	4849.	11860.	97360.	50100.
Stddev	3.	4.	10.	24.	242.	98.
%RSD	.2089	.1769	.2006	.1999	.2483	.1961

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122400.	4935.	125700.	2463.	7452.	969.4
Stddev	393.	11.	313.	4.	16.	4.9
%RSD	.3210	.2128	.2489	.1704	.2182	.5074

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2364.	2464.	2420.	2432.	953.7	2435.
Stddev	11.	10.	3.	3.	1.5	2.
%RSD	.4687	.4242	.1069	.1075	.1528	.0811

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/18/2012 0:04:58 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	980.0	4943.	9724.	F 8813.
Stddev	1.8	45.	7.	49.
%RSD	.1868	.9053	.0715	.5563

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1652.7	34773.	8372.2
Stddev	1.1	181.	22.5
%RSD	.06665	.52155	.26873

Sample Name: CCB Acquired: 10/18/2012 0:08:25 Type: QC
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.025	.3478	-.4697	.5173	.0767	4.374
Stddev	17.27	3.145	.2149	.2268	.0289	12.71
%RSD	215.2	904.1	45.75	43.85	37.73	290.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1278	.4129	.5185	-.4813	19.21	107.1
Stddev	.0701	.1532	.5178	2.446	14.24	40.6
%RSD	54.88	37.11	99.86	508.2	74.15	37.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.095	.3223	33.90	.3687	2.235	-.3744
Stddev	7.951	.3657	33.43	.8086	1.052	1.234
%RSD	87.42	113.5	98.64	219.3	47.07	329.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0110	1.149	.5985	.2246	1.238	1.020
Stddev	1.927	.455	.5370	.1398	.597	.593
%RSD	17560.	39.57	89.72	62.24	48.21	58.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/18/2012 0:08:25 Type: QC
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2343	.5176	2.491	-4.379
Stddev	.8167	.4671	.749	8.519
%RSD	348.5	90.24	30.06	194.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1820.2	38536.	8515.3
Stddev	2.6	68.	20.9
%RSD	.14201	.17688	.24594

Sample Name: sd 460-45811-j-3-e@2 Acquired: 10/17/2012 18:37:31 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4236.	14.65	-1.689	283.8	.3782	11180.
Stddev	39.	1.11	.2135	.6	.1125	33.
%RSD	.9274	7.566	126.4	.2247	29.74	.2976

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0549	4.655	7.675	78.77	12580.	622.7
Stddev	.1130	.056	.578	.45	47.	15.8
%RSD	205.7	1.196	7.531	.5686	.3735	2.536

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	589.1	170.1	426.0	11.31	134.2	3.533
Stddev	5.2	.2	2.2	.26	2.1	1.000
%RSD	.8823	.1377	.5131	2.299	1.575	28.30

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9359	1.623	14.11	106.7	4.313	1.726
Stddev	1.789	.970	.22	.1	.601	.222
%RSD	191.1	59.79	1.570	.0525	13.93	12.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-45811-j-3-e@2 Acquired: 10/17/2012 18:37:31 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.067	77.20	181.3	162.9
Stddev	1.034	.21	.4	6.7
%RSD	14.64	.2702	.2404	4.091

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1820.8	38484.	8879.4
Stddev	1.8	61.	32.9
%RSD	.09882	.15812	.37023

Sample Name: 460-45896-a-8-f du@4 Acquired: 10/17/2012 16:53:39 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19920.	14.08	-.0908	336.0	.9644	F 322700.
Stddev	20.	2.85	.4062	.6	.0791	3328.
%RSD	.1015	20.23	447.2	.1791	8.197	1.031

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0174	20.73	33.92	33.12	55170.	2027.
Stddev	.2356	.30	.12	1.42	70.	22.
%RSD	1354.	1.441	.3416	4.304	.1277	1.072

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23190.	2055.	232.0	57.65	24.76	-1.822
Stddev	2.	1.	3.6	.92	1.71	1.442
%RSD	.0106	.0726	1.540	1.593	6.919	79.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.675	4.012	28.36	137.4	10.18	.7214
Stddev	.507	1.238	.09	.5	.27	.4633
%RSD	6.601	30.85	.3336	.3733	2.637	64.21

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45896-a-8-f du@4 Acquired: 10/17/2012 16:53:39 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.386	441.7	33.44	574.2
Stddev	.073	.5	1.99	9.6
%RSD	5.280	.1136	5.959	1.673

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1736.9	36410.	9024.9
Stddev	4.7	28.	22.9
%RSD	.26878	.07758	.25326

Sample Name: pds 460-45847-e-2-a Acquired: 10/17/2012 15:05:35 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1922.	1887.	47.49	2021.	48.66	55590.
Stddev	7.	1.	.47	2.	.22	111.
%RSD	.3563	.0780	.9798	.1170	.4543	.1992

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.42	484.3	190.2	237.2	999.3	20990.
Stddev	.21	1.1	.7	1.6	11.2	53.
%RSD	.4199	.2336	.3776	.6799	1.122	.2537

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30270.	495.9	34600.	493.5	504.0	463.8
Stddev	36.	1.3	95.	1.0	1.9	2.1
%RSD	.1181	.2613	.2746	.1995	.3689	.4620

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1895.	2120.	473.0	486.2	579.7	464.0
Stddev	5.	13.	.8	2.0	2.2	.3
%RSD	.2375	.5955	.1635	.4137	.3771	.0719

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-45847-e-2-a Acquired: 10/17/2012 15:05:35 Type: Unk
 Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	500.9	584.7	479.9	10910.
Stddev	2.4	1.9	1.3	181.
%RSD	.4699	.3277	.2639	1.659

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1759.8	36973.	9103.0
Stddev	12.4	262.	138.8
%RSD	.70392	.70997	1.5245

Sample Name: 460-45847-e-7-a Acquired: 10/17/2012 16:14:04 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.78	1.344	-0.092	47.63	.0249	29050.
Stddev	5.06	.771	.2317	.26	.0270	86.
%RSD	42.96	57.35	2507.	.5558	108.4	.2958

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1651	-.0710	.2060	1.061	-1.594	1728.
Stddev	.1486	.1924	.2713	1.491	1.012	22.
%RSD	90.02	270.9	131.7	140.5	63.52	1.272

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7744.	.2199	12620.	1.402	2.796	-.9529
Stddev	33.	.0362	37.	.193	.286	1.197
%RSD	.4243	16.44	.2900	13.76	10.22	125.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8739	2.666	1.325	1.733	39.92	-.2859
Stddev	5.029	.333	.291	.098	.25	.5865
%RSD	575.5	12.50	21.94	5.646	.6211	205.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45847-e-7-a Acquired: 10/17/2012 16:14:04 Type: Unk
Method: SW846_101712 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0370	109.1	1.534	10080.
Stddev	.1505	.3	.332	61.
%RSD	407.1	.2720	21.63	.6002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1814.5	38348.	9354.5
Stddev	5.6	160.	31.2
%RSD	.31086	.41599	.33358

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		13:41:14	15 Oct 12	HG	
Hg .000 ppb			1201						=
*** Standard: 2 Rep: 1				Seq: 2		13:43:21	15 Oct 12	HG	
Hg .200 ppb			35720						=
*** Standard: 3 Rep: 1				Seq: 3		13:45:06	15 Oct 12	HG	
Hg 1.00 ppb			48804						=
*** Standard: 4 Rep: 1				Seq: 4		13:47:01	15 Oct 12	HG	
Hg 2.00 ppb			102981						=
*** Standard: 5 Rep: 1				Seq: 5		13:49:08	15 Oct 12	HG	
Hg 5.00 ppb			253156						=
*** Standard: 6 Rep: 1				Seq: 6		13:51:09	15 Oct 12	HG	
Hg 10.0 ppb			495115						=
*** Standard: 1 Rep: 1				Seq: 7		13:53:12	15 Oct 12	HG	
Hg .000 ppb			-1659						=
*** Standard: 2 Rep: 1				Seq: 8		13:54:57	15 Oct 12	HG	
Hg .200 ppb			13313						=
*** Standard: 3 Rep: 1				Seq: 9		13:57:31	15 Oct 12	HG	
Hg 1.00 ppb			53755						=
*** Standard: 4 Rep: 1				Seq: 10		13:59:26	15 Oct 12	HG	
Hg 2.00 ppb			100364						=
*** Standard: 5 Rep: 1				Seq: 11		14:01:13	15 Oct 12	HG	
Hg 5.00 ppb			255904						=
*** Standard: 6 Rep: 1				Seq: 12		14:03:20	15 Oct 12	HG	
Hg 10.0 ppb			487267						=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1									
				Seq: 13		14:05:55	15 Oct 12	HG	
Hg	.000	ppb	2412						=
*** Standard: 2 Rep: 1									
				Seq: 14		14:07:41	15 Oct 12	HG	
Hg	.200	ppb	12059						=
*** Standard: 3 Rep: 1									
				Seq: 15		14:09:27	15 Oct 12	HG	
Hg	1.00	ppb	56537						=
*** Standard: 4 Rep: 1									
				Seq: 16		14:11:13	15 Oct 12	HG	
Hg	2.00	ppb	114030						=
*** Standard: 5 Rep: 1									
				Seq: 17		14:12:58	15 Oct 12	HG	
Hg	5.00	ppb	282046						=
*** Standard: 6 Rep: 1									
				Seq: 18		14:14:45	15 Oct 12	HG	
Hg	10.0	ppb	547830						=
*** Check Standard: 3 Ck3AICV									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		103.	5.16	5.00	ppb	.000	14:16:51	15 Oct 12	HG
*** Check Standard: 1 Ck1ICB/CCB									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.064	.200	ppb	.000		14:18:44	15 Oct 12	HG
*** Check Standard: 4 Ck4QCS									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		104.	5.21	5.00	ppb	.000	14:20:30	15 Oct 12	HG
*** Sample ID:									
				Seq: 22		14:22:14	15 Oct 12	HG	
Hg	1.78	ppb	.000	1.78					=
*** Sample ID:									
				Seq: 23		14:23:59	15 Oct 12	HG	
Hg	-.074	ppb	.000	-.074					=
*** Sample ID:									
				Seq: 24		14:25:43	15 Oct 12	HG	
Hg	.864	ppb	.000	.864					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Sample ID:				Seq: 25		14:27:27	15 Oct 12	HG	
				460-45763-S-1-A					
Hg	-.039	ppb	.000	-.039					=
*** Sample ID:				Seq: 26		14:29:11	15 Oct 12	HG	
				460-45763-S-1-B DU					
Hg	-.041	ppb	.000	-.041					=
*** Sample ID:				Seq: 27		14:31:07	15 Oct 12	HG	
				460-45763-S-1-C MS					
Hg	.885	ppb	.000	.885					=
*** Sample ID:				Seq: 28		14:32:52	15 Oct 12	HG	
				460-45798-E-1-D					
Hg	-.060	ppb	.000	-.060					=
*** Sample ID:				Seq: 29		14:34:36	15 Oct 12	HG	
				460-45541-F-1-D					
Hg	-.073	ppb	.000	-.073					=
*** Check Standard: 2	Ck2ACCV			Seq: 30		14:36:40	15 Oct 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		100.	5.02	5.00	ppb	.000			=
*** Check Standard: 1	Ck1ICB/CCB			Seq: 31		14:38:36	15 Oct 12	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.019	.200	ppb	.000				=
*** Sample ID:				Seq: 32		14:40:21	15 Oct 12	HG	
				460-45541-E-2-D					
Hg	-.052	ppb	.000	-.052					=
*** Sample ID:				Seq: 33		14:42:19	15 Oct 12	HG	
				460-45763-S-2-A					
Hg	-.065	ppb	.000	-.065					=
*** Sample ID:				Seq: 34		14:44:07	15 Oct 12	HG	
				460-45763-S-3-A					
Hg	-.021	ppb	.000	-.021					=
*** Sample ID:				Seq: 35		14:46:12	15 Oct 12	HG	
				460-45763-S-4-A					
Hg	.040	ppb	.000	.040					=
*** Sample ID:				Seq: 36		14:48:02	15 Oct 12	HG	
				460-45763-S-5-A					
Hg	-.011	ppb	.000	-.011					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Sample ID:				Seq: 37		14:49:48	15 Oct 12	HG	
				460-45763-S-6-A					
Hg	-.049	ppb	.000	-.049					=
*** Sample ID:				Seq: 38		14:51:32	15 Oct 12	HG	
				460-45763-S-7-A					
Hg	-.067	ppb	.000	-.067					=
*** Sample ID:				Seq: 39		14:53:27	15 Oct 12	HG	
				460-45675-E-1-D					
Hg	-.009	ppb	.000	-.009					=
*** Check Standard: 2	Ck2ACCV			Seq: 40		14:55:11	15 Oct 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		102.	5.09	5.00	ppb	.000			=
*** Check Standard: 1	Ck1ICB/CCB			Seq: 41		14:56:56	15 Oct 12	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.032	.200	ppb	.000				=
*** Sample ID:				Seq: 42		14:58:41	15 Oct 12	HG	
				460-45675-E-2-D					
Hg	-.024	ppb	.000	-.024					=
*** Sample ID:				Seq: 43		15:00:30	15 Oct 12	HG	
				460-45675-E-5-D					
Hg	-.097	ppb	.000	-.097					=
*** Sample ID:				Seq: 44		15:02:27	15 Oct 12	HG	
				460-45732-E-1-D					
Hg	-.098	ppb	.000	-.098					=
*** Sample ID:				Seq: 45		15:04:17	15 Oct 12	HG	
				460-45761-D-1-B					
Hg	-.102	ppb	.000	-.102					=
*** Sample ID:				Seq: 46		15:07:07	15 Oct 12	HG	
				460-45761-D-2-B					
Hg	-.031	ppb	.000	-.031					=
*** Sample ID:				Seq: 47		15:08:55	15 Oct 12	HG	
				460-45761-D-3-B					
Hg	-.067	ppb	.000	-.067					=
*** Sample ID:				Seq: 48		15:10:39	15 Oct 12	HG	
				460-45761-D-4-B					
Hg	.017	ppb	.000	.017					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

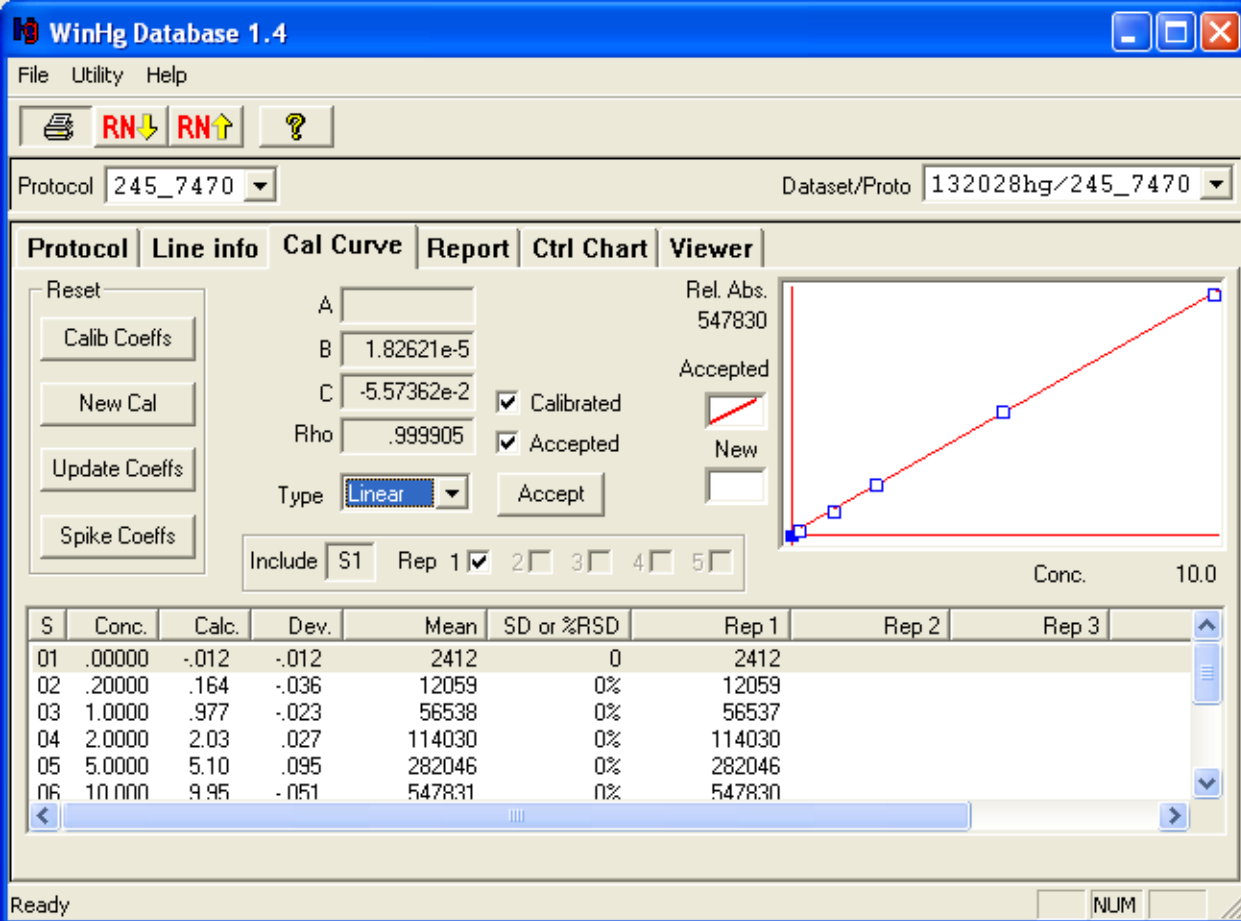
*** Sample ID:				Seq: 49		15:12:36	15 Oct 12	HG	
				460-45761-D-5-B					
Hg	-.045	ppb	.000	-.045					=
*** Sample ID:				Seq: 50		15:14:23	15 Oct 12	HG	
				460-45761-D-6-B					
Hg	-.050	ppb	.000	-.050					=
*** Sample ID:				Seq: 51		15:16:20	15 Oct 12	HG	
				sd 460-45763-S-1-A@5					
Hg	-.004	ppb	.000	-.004					=
*** Check Standard: 2	Ck2ACCV			Seq: 52		15:18:08	15 Oct 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		104.	5.21	5.00	ppb	.000			=
*** Check Standard: 1	Ck1ICB/CCB			Seq: 53		15:19:53	15 Oct 12	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.029	.200	ppb	.000				=
*** Sample ID:				Seq: 54		15:21:40	15 Oct 12	HG	
				MB 460-132027/1-C					
Hg	-.049	ppb	.000	-.049					=
*** Sample ID:				Seq: 55		15:23:37	15 Oct 12	HG	
				LCS 460-132033/2-A					
Hg	.884	ppb	.000	.884					=
*** Sample ID:				Seq: 56		15:25:25	15 Oct 12	HG	
				460-45869-A-4-B					
Hg	-.087	ppb	.000	-.087					=
*** Sample ID:				Seq: 57		15:27:32	15 Oct 12	HG	
				460-45869-A-4-C DU					
Hg	-.022	ppb	.000	-.022					=
*** Sample ID:				Seq: 58		15:29:22	15 Oct 12	HG	
				460-45869-A-4-D MS					
Hg	.881	ppb	.000	.881					=
=====									
*** Sample ID: sd 460-458				Seq: 59		15:31:27	15 Oct 12	HG	
				69-A-4-B@5					
Hg	-.044	ppb	.000	-.044					=
*** Check Standard: 2	Ck2ACCV			Seq: 60		15:33:16	15 Oct 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		102.	5.10	5.00	ppb	.000			=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 61 15:35:02 15 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.072	.200	ppb	.000			

=



Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 1		13:41:14	15 Oct 12	HG
Hg	.000	ppb	1201					
		Bkgd 1	8014818					
*** Standard: 2 Rep: 1				Seq: 2		13:43:21	15 Oct 12	HG
Hg	.200	ppb	35720					
		Bkgd 1	8011179					
*** Standard: 3 Rep: 1				Seq: 3		13:45:06	15 Oct 12	HG
Hg	1.00	ppb	48804					
		Bkgd 1	8007575					
*** Standard: 4 Rep: 1				Seq: 4		13:47:01	15 Oct 12	HG
Hg	2.00	ppb	102981					
		Bkgd 1	8006056					
*** Standard: 5 Rep: 1				Seq: 5		13:49:08	15 Oct 12	HG
Hg	5.00	ppb	253156					
		Bkgd 1	8002703					
*** Standard: 6 Rep: 1				Seq: 6		13:51:09	15 Oct 12	HG
Hg	10.0	ppb	495115					
		Bkgd 1	7998500					
*** Standard: 1 Rep: 1				Seq: 7		13:53:12	15 Oct 12	HG
Hg	.000	ppb	-1659					
		Bkgd 1	7996907					
*** Standard: 2 Rep: 1				Seq: 8		13:54:57	15 Oct 12	HG
Hg	.200	ppb	13313					
		Bkgd 1	7997796					
*** Standard: 3 Rep: 1				Seq: 9		13:57:31	15 Oct 12	HG
Hg	1.00	ppb	53755					
		Bkgd 1	7999384					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 4 Rep: 1								
				Seq: 10		13:59:26	15 Oct 12	HG
Hg	2.00	ppb	100364					
		Bkgd 1	8004186					
*** Standard: 5 Rep: 1								
				Seq: 11		14:01:13	15 Oct 12	HG
Hg	5.00	ppb	255904					
		Bkgd 1	8004847					
*** Standard: 6 Rep: 1								
				Seq: 12		14:03:20	15 Oct 12	HG
Hg	10.0	ppb	487267					
		Bkgd 1	8003229					
*** Standard: 1 Rep: 1								
				Seq: 13		14:05:55	15 Oct 12	HG
Hg	.000	ppb	2412					
		Bkgd 1	8001410					
*** Standard: 2 Rep: 1								
				Seq: 14		14:07:41	15 Oct 12	HG
Hg	.200	ppb	12059					
		Bkgd 1	7998366					
*** Standard: 3 Rep: 1								
				Seq: 15		14:09:27	15 Oct 12	HG
Hg	1.00	ppb	56537					
		Bkgd 1	7997315					
*** Standard: 4 Rep: 1								
				Seq: 16		14:11:13	15 Oct 12	HG
Hg	2.00	ppb	114030					
		Bkgd 1	7998978					
*** Standard: 5 Rep: 1								
				Seq: 17		14:12:58	15 Oct 12	HG
Hg	5.00	ppb	282046					
		Bkgd 1	7996194					
*** Standard: 6 Rep: 1								
				Seq: 18		14:14:45	15 Oct 12	HG
Hg	10.0	ppb	547830					
		Bkgd 1	7997838					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 3								
Line	Flag		Ck3AICV	Seq: 19		14:16:51	15 Oct 12	HG
Hg			Intensities					
		Bkgd 1	285653					
			7995030					
*** Check Standard: 1								
Line	Flag		Ck1ICB/CCB	Seq: 20		14:18:44	15 Oct 12	HG
Hg			Intensities					
		Bkgd 1	-475					
			7992409					
*** Check Standard: 4								
Line	Flag		Ck4QCS	Seq: 21		14:20:30	15 Oct 12	HG
Hg			Intensities					
		Bkgd 1	288201					
			7995080					
*** Sample ID:								
			mcL	Seq: 22		14:22:14	15 Oct 12	HG
Hg	1.78	ppb	100474					
		Bkgd 1	7992756					
*** Sample ID:								
			MB 460-132027/1-B	Seq: 23		14:23:59	15 Oct 12	HG
Hg	-.074	ppb	-981					
		Bkgd 1	7991141					
*** Sample ID:								
			LCS 460-132028/2-A	Seq: 24		14:25:43	15 Oct 12	HG
Hg	.864	ppb	50353					
		Bkgd 1	7992913					
*** Sample ID:								
			460-45763-S-1-A	Seq: 25		14:27:27	15 Oct 12	HG
Hg	-.039	ppb	908					
		Bkgd 1	7995264					
*** Sample ID:								
			460-45763-S-1-B DU	Seq: 26		14:29:11	15 Oct 12	HG
Hg	-.041	ppb	822					
		Bkgd 1	7999597					
*** Sample ID:								
			460-45763-S-1-C MS	Seq: 27		14:31:07	15 Oct 12	HG
Hg	.885	ppb	51512					
		Bkgd 1	7999941					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 28		14:32:52	15 Oct 12	HG
				460-45798-E-1-D				
Hg	-.060	ppb	-246					
		Bkgd 1	8001805					
*** Sample ID:				Seq: 29		14:34:36	15 Oct 12	HG
				460-45541-F-1-D				
Hg	-.073	ppb	-933					
		Bkgd 1	8000243					
*** Check Standard: 2			Ck2ACCV	Seq: 30		14:36:40	15 Oct 12	HG
Line Flag			Intensities					
Hg			277844					
		Bkgd 1	8001352					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 31		14:38:36	15 Oct 12	HG
Line Flag			Intensities					
Hg			2017					
		Bkgd 1	7997194					
*** Sample ID:				Seq: 32		14:40:21	15 Oct 12	HG
				460-45541-E-2-D				
Hg	-.052	ppb	228					
		Bkgd 1	7998336					
*** Sample ID:				Seq: 33		14:42:19	15 Oct 12	HG
				460-45763-S-2-A				
Hg	-.065	ppb	-532					
		Bkgd 1	7994344					
*** Sample ID:				Seq: 34		14:44:07	15 Oct 12	HG
				460-45763-S-3-A				
Hg	-.021	ppb	1910					
		Bkgd 1	7995152					
*** Sample ID:				Seq: 35		14:46:12	15 Oct 12	HG
				460-45763-S-4-A				
Hg	.040	ppb	5253					
		Bkgd 1	7995502					
*** Sample ID:				Seq: 36		14:48:02	15 Oct 12	HG
				460-45763-S-5-A				
Hg	-.011	ppb	2425					
		Bkgd 1	7993156					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 37		14:49:48	15 Oct 12	HG
				460-45763-S-6-A				
Hg	-.049	ppb	353					
		Bkgd 1	7989615					
*** Sample ID:				Seq: 38		14:51:32	15 Oct 12	HG
				460-45763-S-7-A				
Hg	-.067	ppb	-626					
		Bkgd 1	7985964					
*** Sample ID:				Seq: 39		14:53:27	15 Oct 12	HG
				460-45675-E-1-D				
Hg	-.009	ppb	2578					
		Bkgd 1	7986040					
*** Check Standard: 2			Ck2ACCV	Seq: 40		14:55:11	15 Oct 12	HG
Line Flag			Intensities					
Hg			281875					
		Bkgd 1	7983098					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 41		14:56:56	15 Oct 12	HG
Line Flag			Intensities					
Hg			1277					
		Bkgd 1	7980017					
*** Sample ID:				Seq: 42		14:58:41	15 Oct 12	HG
				460-45675-E-2-D				
Hg	-.024	ppb	1718					
		Bkgd 1	7979786					
*** Sample ID:				Seq: 43		15:00:30	15 Oct 12	HG
				460-45675-E-5-D				
Hg	-.097	ppb	-2254					
		Bkgd 1	7979486					
*** Sample ID:				Seq: 44		15:02:27	15 Oct 12	HG
				460-45732-E-1-D				
Hg	-.098	ppb	-2317					
		Bkgd 1	7983884					
*** Sample ID:				Seq: 45		15:04:17	15 Oct 12	HG
				460-45761-D-1-B				
Hg	-.102	ppb	-2557					
		Bkgd 1	7988887					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 46		15:07:07	15 Oct 12	HG
				460-45761-D-2-B				
Hg	-.031	ppb	1353					
		Bkgd 1	7995681					
*** Sample ID:				Seq: 47		15:08:55	15 Oct 12	HG
				460-45761-D-3-B				
Hg	-.067	ppb	-595					
		Bkgd 1	7992899					
*** Sample ID:				Seq: 48		15:10:39	15 Oct 12	HG
				460-45761-D-4-B				
Hg	.017	ppb	3971					
		Bkgd 1	7994641					
*** Sample ID:				Seq: 49		15:12:36	15 Oct 12	HG
				460-45761-D-5-B				
Hg	-.045	ppb	587					
		Bkgd 1	7993176					
*** Sample ID:				Seq: 50		15:14:23	15 Oct 12	HG
				460-45761-D-6-B				
Hg	-.050	ppb	325					
		Bkgd 1	7991895					
*** Sample ID:				Seq: 51		15:16:20	15 Oct 12	HG
				sd 460-45763-S-1-A@5				
Hg	-.004	ppb	2811					
		Bkgd 1	7991183					
*** Check Standard: 2				Seq: 52		15:18:08	15 Oct 12	HG
Line Flag			Ck2ACCV					
			Intensities					
Hg			288111					
		Bkgd 1	7991405					
*** Check Standard: 1				Seq: 53		15:19:53	15 Oct 12	HG
Line Flag			Ck1ICB/CCB					
			Intensities					
Hg			1478					
		Bkgd 1	7989347					
*** Sample ID:				Seq: 54		15:21:40	15 Oct 12	HG
				MB 460-132027/1-C				
Hg	-.049	ppb	390					
		Bkgd 1	7989585					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 55	15:23:37	15	Oct	12 HG
				LCS 460-132033/2-A				
Hg	.884	ppb	51474					
		Bkgd 1	7988735					
*** Sample ID:				Seq: 56	15:25:25	15	Oct	12 HG
				460-45869-A-4-B				
Hg	-.087	ppb	-1730					
		Bkgd 1	7983814					
*** Sample ID:				Seq: 57	15:27:32	15	Oct	12 HG
				460-45869-A-4-C DU				
Hg	-.022	ppb	1863					
		Bkgd 1	7986366					
*** Sample ID:				Seq: 58	15:29:22	15	Oct	12 HG
				460-45869-A-4-D MS				
Hg	.881	ppb	51294					
		Bkgd 1	7985134					
=====								
*** Sample ID: sd 460-458				Seq: 59	15:31:27	15	Oct	12 HG
				69-A-4-B@5				
Hg	-.044	ppb	629					
		Bkgd 1	7984476					
*** Check Standard: 2				Seq: 60	15:33:16	15	Oct	12 HG
Line Flag			Ck2ACCV					
Hg			Intensities					
			282382					
		Bkgd 1	7982324					
*** Check Standard: 1				Seq: 61	15:35:02	15	Oct	12 HG
Line Flag			Ck1ICB/CCB					
Hg			Intensities					
			-887					
		Bkgd 1	7981921					
=====								

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 20:32:50 15 Oct 12 HG								
Hg	.000	ppb	21					
=								
*** Standard: 2 Rep: 1 Seq: 2 20:34:36 15 Oct 12 HG								
Hg	.200	ppb	626					
=								
*** Standard: 3 Rep: 1 Seq: 3 20:36:35 15 Oct 12 HG								
Hg	1.00	ppb	3257					
=								
*** Standard: 4 Rep: 1 Seq: 4 20:38:23 15 Oct 12 HG								
Hg	2.00	ppb	6339					
=								
*** Standard: 5 Rep: 1 Seq: 5 20:40:12 15 Oct 12 HG								
Hg	5.00	ppb	16025					
=								
*** Standard: 6 Rep: 1 Seq: 6 20:42:17 15 Oct 12 HG								
Hg	10.0	ppb	31417					
=								
*** Check Standard: 3 Ck3AICV Seq: 7 20:44:02 15 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	101.	5.03	5.00	ppb	.000			
=								
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:45:47 15 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.060	.200	ppb	.000				
=								
*** Sample ID: Seq: 9 20:48:29 15 Oct 12 HG								
		MCL						
Hg	2.00	ppb	.000	2.00				
=								
*** Sample ID: Seq: 10 20:50:15 15 Oct 12 HG								
		mb 460-132095/11-a						
Hg	-.019	ppb	.000	-.019				
=								
*** Sample ID: Seq: 11 20:52:28 15 Oct 12 HG								
		lcs 460-132095/12-a						
Hg	2.02	ppb	.000	2.02				
=								
*** Sample ID: Seq: 12 20:54:12 15 Oct 12 HG								
		460-45906-i-1-a						
Hg	-.022	ppb	.000	-.022				
=								

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 13 20:56:09 15 Oct 12 HG								
460-45906-i-1-b du								
Hg	-0.000	ppb	.000	-0.000				
=								
*** Sample ID: Seq: 14 20:57:59 15 Oct 12 HG								
460-45906-i-1-c ms								
Hg	1.99	ppb	.000	1.99				
=								
*** Sample ID: Seq: 15 21:00:04 15 Oct 12 HG								
460-45904-i-1-a								
Hg	-0.021	ppb	.000	-0.021				
=								
*** Sample ID: Seq: 16 21:01:47 15 Oct 12 HG								
460-45905-i-1-a								
Hg	.031	ppb	.000	.031				
=								
*** Sample ID: Seq: 17 21:03:31 15 Oct 12 HG								
460-45906-i-2-a								
Hg	-0.005	ppb	.000	-0.005				
=								
*** Sample ID: Seq: 18 21:06:47 15 Oct 12 HG								
460-45906-i-3-a								
Hg	.203	ppb	.000	.203				
=								
*** Check Standard: 2 Ck2ACCV Seq: 19 21:08:52 15 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	102.	5.10	5.00	ppb	.000			
=								
*** Check Standard: 1 Ck1ICB/CCB Seq: 20 21:10:35 15 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-0.040	.200	ppb	.000				
=								
*** Sample ID: Seq: 21 21:12:21 15 Oct 12 HG								
460-45907-i-1-a								
Hg	.002	ppb	.000	.002				
=								
*** Sample ID: Seq: 22 21:14:46 15 Oct 12 HG								
460-45907-i-2-a								
Hg	-0.009	ppb	.000	-0.009				
=								
*** Sample ID: Seq: 23 21:16:33 15 Oct 12 HG								
460-45907-i-3-a								
Hg	.251	ppb	.000	.251				
=								
*** Sample ID: Seq: 24 21:18:18 15 Oct 12 HG								
460-45908-i-1-a								
Hg	-0.010	ppb	.000	-0.010				
=								

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 25 21:20:15 15 Oct 12 HG								
				460-45908-i-2-a				
Hg	.026	ppb	.000	.026				
=								
*** Sample ID: Seq: 26 21:22:59 15 Oct 12 HG								
				460-45908-i-3-a				
Hg	.177	ppb	.000	.177				
=								
*** Sample ID: Seq: 27 21:24:46 15 Oct 12 HG								
				460-45909-i-1-a				
Hg	.021	ppb	.000	.021				
=								
*** Sample ID: Seq: 28 21:26:31 15 Oct 12 HG								
				460-45909-i-2-a				
Hg	.064	ppb	.000	.064				
=								
*** Sample ID: Seq: 29 21:28:18 15 Oct 12 HG								
				460-45909-i-3-a				
Hg	.213	ppb	.000	.213				
=								
*** Sample ID: Seq: 30 21:30:02 15 Oct 12 HG								
				460-45912-i-1-a				
Hg	-.006	ppb	.000	-.006				
=								
*** Check Standard: 2 Ck2ACCV Seq: 31 21:31:46 15 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	100.	5.02	5.00	ppb	.000			
=								
*** Check Standard: 1 Ck1ICB/CCB Seq: 32 21:33:39 15 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.086	.200	ppb	.000				
=								
*** Sample ID: Seq: 33 21:36:06 15 Oct 12 HG								
				460-45912-i-2-a				
Hg	-.016	ppb	.000	-.016				
=								
*** Sample ID: Seq: 34 21:39:14 15 Oct 12 HG								
				460-45912-i-3-a				
Hg	.030	ppb	.000	.030				
=								
*** Sample ID: Seq: 35 21:41:23 15 Oct 12 HG								
				460-45869-b-4-a				
Hg	-.023	ppb	.000	-.023				
=								
*** Sample ID: Seq: 36 21:43:17 15 Oct 12 HG								
				460-45883-d-3-a				
Hg	-.007	ppb	.000	-.007				
=								

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 21:45:10 15 Oct 12 HG

460-45889-f-1-a

Hg -.009 ppb .000 -.009

=

*** Sample ID: Seq: 38 21:46:54 15 Oct 12 HG

SD 460-45906-i-1-a@5

Hg -.026 ppb .000 -.026

=

*** Check Standard: 2 Ck2ACCV Seq: 39 21:49:11 15 Oct 12 HG

Line Flag %Rcv. Found True Units SD/RSD

Hg 101. 5.03 5.00 ppb .000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 21:50:54 15 Oct 12 HG

Line Flag Found Range(+/-) Units SD/RSD

Hg -.063 .200 ppb .000

=

*** Sample ID: Seq: 41 21:52:38 15 Oct 12 HG

MB 460-132021/1-A

Hg .016 ppb .000 .016

=

*** Sample ID: LCSSRM 460 Seq: 42 21:54:25 15 Oct 12 HG

-132021/2-A@25

Hg .994 ppb .000 .994

=

*** Sample ID: Seq: 43 21:56:12 15 Oct 12 HG

460-45811-J-3-A

Hg -.018 ppb .000 -.018

=

*** Sample ID: Seq: 44 21:58:08 15 Oct 12 HG

460-45811-J-3-B DU

Hg -.052 ppb .000 -.052

=

*** Sample ID: Seq: 45 22:01:04 15 Oct 12 HG

460-45811-E-3-C MS

Hg .977 ppb .000 .977

=

*** Sample ID: Seq: 46 22:03:32 15 Oct 12 HG

460-45759-D-1-E

Hg -.019 ppb .000 -.019

=

*** Sample ID: Seq: 47 22:05:33 15 Oct 12 HG

460-45759-D-2-C

Hg -.021 ppb .000 -.021

=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 48 22:07:27 15 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 99.8 4.99 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 49 22:09:15 15 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.056 .200 ppb .000
=

*** Check Standard: 3 Ck3AICV Seq: 50 22:11:05 15 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.04 5.00 ppb .000
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 22:13:19 15 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.036 .200 ppb .000
=

*** Sample ID: Seq: 52 22:15:13 15 Oct 12 HG
mb 460-132096/10-a
Hg -.023 ppb .000 -.023
=

*** Sample ID: Seq: 53 22:17:27 15 Oct 12 HG
lcs 460-132096/11-a
Hg .991 ppb .000 .991
=

*** Sample ID: Seq: 54 22:19:11 15 Oct 12 HG
460-45862-d-27-a
Hg -.033 ppb .000 -.033
=

*** Sample ID: Seq: 55 22:21:18 15 Oct 12 HG
460-45862-a-27-a du
Hg -.017 ppb .000 -.017
=

*** Sample ID: Seq: 56 22:23:06 15 Oct 12 HG
460-45862-d-27-b ms
Hg .986 ppb .000 .986
=

*** Sample ID: Seq: 57 22:24:53 15 Oct 12 HG
460-45889-f-2-a
Hg -.015 ppb .000 -.015
=

*** Sample ID: Seq: 58 22:26:42 15 Oct 12 HG
460-45744-c-1-b
Hg .038 ppb .000 .038
=

*** Sample ID: Seq: 59 22:29:15 15 Oct 12 HG
460-45862-i-1-a
Hg -.001 ppb .000 -.001
=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 60 22:31:00 15 Oct 12 HG

460-45862-i-3-a

Hg -.009 ppb .000 -.009

=

*** Sample ID: Seq: 61 22:32:55 15 Oct 12 HG

460-45862-i-4-a

Hg -.044 ppb .000 -.044

=

*** Check Standard: 2 Ck2ACCV Seq: 62 22:35:00 15 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg 99.6 4.98 5.00 ppb .000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 63 22:36:44 15 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg -.062 .200 ppb .000

=

*** Sample ID: Seq: 64 22:38:38 15 Oct 12 HG

460-45862-i-5-a

Hg -.006 ppb .000 -.006

=

*** Sample ID: Seq: 65 22:40:25 15 Oct 12 HG

460-45862-i-7-a

Hg .006 ppb .000 .006

=

*** Sample ID: Seq: 66 22:42:14 15 Oct 12 HG

460-45862-i-10-a

Hg .067 ppb .000 .067

=

*** Sample ID: Seq: 67 22:44:01 15 Oct 12 HG

460-45862-i-11-a

Hg .035 ppb .000 .035

=

*** Sample ID: Seq: 68 22:45:57 15 Oct 12 HG

460-45862-i-13-a

Hg .007 ppb .000 .007

=

*** Sample ID: Seq: 69 22:47:44 15 Oct 12 HG

460-45862-i-15-a

Hg -.004 ppb .000 -.004

=

*** Sample ID: Seq: 70 22:49:31 15 Oct 12 HG

460-45862-d-16-a

Hg -.004 ppb .000 -.004

=

*** Sample ID: Seq: 71 22:51:32 15 Oct 12 HG

460-45862-i-28-a

Hg .008 ppb .000 .008

=

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 72 22:53:18 15 Oct 12 HG

460-45862-d-30-a

Hg	-0.016	ppb	.000	-0.016				

=

*** Sample ID: Seq: 73 22:55:06 15 Oct 12 HG

460-45862-d-31-a

Hg	-0.033	ppb	.000	-0.033				

=

*** Check Standard: 2 Ck2ACCV Seq: 74 22:57:21 15 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg		100.	5.01	5.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 75 22:59:04 15 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg		-0.042	.200	ppb	.000

=

*** Sample ID: Seq: 76 23:00:48 15 Oct 12 HG

460-45862-d-34-a

Hg	.008	ppb	.000	.008				

=

*** Sample ID: Seq: 77 23:02:34 15 Oct 12 HG

460-45862-i-36-a

Hg	-0.016	ppb	.000	-0.016				

=

*** Sample ID: Seq: 78 23:04:38 15 Oct 12 HG

460-45862-d-38-a

Hg	-0.028	ppb	.000	-0.028				

=

*** Sample ID: Seq: 79 23:06:23 15 Oct 12 HG

460-45862-f-39-a

Hg	-0.007	ppb	.000	-0.007				

=

*** Sample ID: Seq: 80 23:08:09 15 Oct 12 HG

SD 460-45862-d-27-a@

Hg	-0.023	ppb	.000	-0.023				

=

*** Check Standard: 2 Ck2ACCV Seq: 81 23:09:58 15 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg		101.	5.03	5.00	ppb	.000

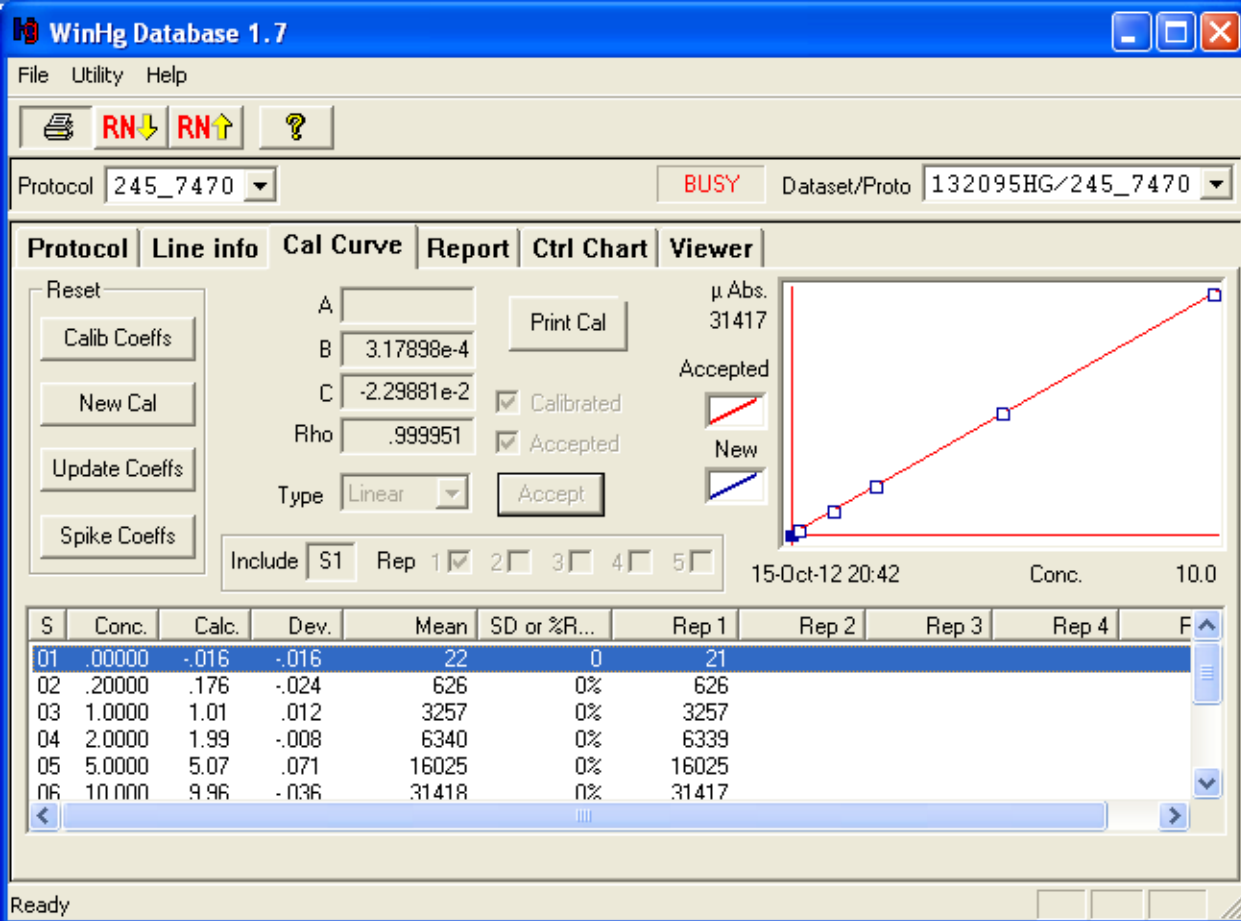
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 82 23:11:42 15 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg		-0.062	.200	ppb	.000

=



POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 20:32:50 15 Oct 12 HG								
Hg	.000	ppb	21					
*** Standard: 2 Rep: 1 Seq: 2 20:34:36 15 Oct 12 HG								
Hg	.200	ppb	626					
*** Standard: 3 Rep: 1 Seq: 3 20:36:35 15 Oct 12 HG								
Hg	1.00	ppb	3257					
*** Standard: 4 Rep: 1 Seq: 4 20:38:23 15 Oct 12 HG								
Hg	2.00	ppb	6339					
*** Standard: 5 Rep: 1 Seq: 5 20:40:12 15 Oct 12 HG								
Hg	5.00	ppb	16025					
*** Standard: 6 Rep: 1 Seq: 6 20:42:17 15 Oct 12 HG								
Hg	10.0	ppb	31417					
*** Check Standard: 3 Ck3AICV Seq: 7 20:44:02 15 Oct 12 HG								
Line	Flag	Intensities						
Hg		15902						
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:45:47 15 Oct 12 HG								
Line	Flag	Intensities						
Hg		-116						
*** Sample ID: Seq: 9 20:48:29 15 Oct 12 HG								
		MCL						
Hg	2.00	ppb	6354					
*** Sample ID: Seq: 10 20:50:15 15 Oct 12 HG								
		mb 460-132095/11-a						
Hg	-.019	ppb	13					
*** Sample ID: Seq: 11 20:52:28 15 Oct 12 HG								
		lcs 460-132095/12-a						
Hg	2.02	ppb	6419					
*** Sample ID: Seq: 12 20:54:12 15 Oct 12 HG								
		460-45906-i-1-a						
Hg	-.022	ppb	4					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 13 20:56:09 15 Oct 12 HG
460-45906-i-1-b du
Hg -.000 ppb 71

*** Sample ID: Seq: 14 20:57:59 15 Oct 12 HG
460-45906-i-1-c ms
Hg 1.99 ppb 6345

*** Sample ID: Seq: 15 21:00:04 15 Oct 12 HG
460-45904-i-1-a
Hg -.021 ppb 6

*** Sample ID: Seq: 16 21:01:47 15 Oct 12 HG
460-45905-i-1-a
Hg .031 ppb 171

*** Sample ID: Seq: 17 21:03:31 15 Oct 12 HG
460-45906-i-2-a
Hg -.005 ppb 57

*** Sample ID: Seq: 18 21:06:47 15 Oct 12 HG
460-45906-i-3-a
Hg .203 ppb 710

*** Check Standard: 2 Ck2ACCV Seq: 19 21:08:52 15 Oct 12 HG
Line Flag Intensities
Hg 16113

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 21:10:35 15 Oct 12 HG
Line Flag Intensities
Hg -53

*** Sample ID: Seq: 21 21:12:21 15 Oct 12 HG
460-45907-i-1-a
Hg .002 ppb 78

*** Sample ID: Seq: 22 21:14:46 15 Oct 12 HG
460-45907-i-2-a
Hg -.009 ppb 43

*** Sample ID: Seq: 23 21:16:33 15 Oct 12 HG
460-45907-i-3-a
Hg .251 ppb 863

*** Sample ID: Seq: 24 21:18:18 15 Oct 12 HG
460-45908-i-1-a
Hg -.010 ppb 41

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 25	21:20:15	15 Oct 12	HG	
				460-45908-i-2-a				
Hg	.026	ppb	154					

*** Sample ID:				Seq: 26	21:22:59	15 Oct 12	HG	
				460-45908-i-3-a				
Hg	.177	ppb	630					

*** Sample ID:				Seq: 27	21:24:46	15 Oct 12	HG	
				460-45909-i-1-a				
Hg	.021	ppb	139					

*** Sample ID:				Seq: 28	21:26:31	15 Oct 12	HG	
				460-45909-i-2-a				
Hg	.064	ppb	275					

*** Sample ID:				Seq: 29	21:28:18	15 Oct 12	HG	
				460-45909-i-3-a				
Hg	.213	ppb	743					

*** Sample ID:				Seq: 30	21:30:02	15 Oct 12	HG	
				460-45912-i-1-a				
Hg	-.006	ppb	55					

*** Check Standard: 2	Ck2ACCV			Seq: 31	21:31:46	15 Oct 12	HG	
Line	Flag		Intensities					
Hg			15848					

*** Check Standard: 1	Ck1ICB/CCB			Seq: 32	21:33:39	15 Oct 12	HG	
Line	Flag		Intensities					
Hg			-197					

*** Sample ID:				Seq: 33	21:36:06	15 Oct 12	HG	
				460-45912-i-2-a				
Hg	-.016	ppb	23					

*** Sample ID:				Seq: 34	21:39:14	15 Oct 12	HG	
				460-45912-i-3-a				
Hg	.030	ppb	167					

*** Sample ID:				Seq: 35	21:41:23	15 Oct 12	HG	
				460-45869-b-4-a				
Hg	-.023	ppb	1					

*** Sample ID:				Seq: 36	21:43:17	15 Oct 12	HG	
				460-45883-d-3-a				
Hg	-.007	ppb	49					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 21:45:10 15 Oct 12 HG

460-45889-f-1-a

Hg -.009 ppb 44

*** Sample ID: Seq: 38 21:46:54 15 Oct 12 HG

SD 460-45906-i-1-a@5

Hg -.026 ppb -8

*** Check Standard: 2 Ck2ACCV Seq: 39 21:49:11 15 Oct 12 HG

Line Flag Intensities

Hg 15904

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 21:50:54 15 Oct 12 HG

Line Flag Intensities

Hg -125

*** Sample ID: Seq: 41 21:52:38 15 Oct 12 HG

MB 460-132021/1-A

Hg .016 ppb 123

=====

*** Sample ID: LCSSRM 460 Seq: 42 21:54:25 15 Oct 12 HG

-132021/2-A@25

Hg .994 ppb 3198

=

=====

*** Sample ID: Seq: 43 21:56:12 15 Oct 12 HG

460-45811-J-3-A

Hg -.018 ppb 17

=

*** Sample ID: Seq: 44 21:58:08 15 Oct 12 HG

460-45811-J-3-B DU

Hg -.052 ppb -91

=

*** Sample ID: Seq: 45 22:01:04 15 Oct 12 HG

460-45811-E-3-C MS

Hg .977 ppb 3145

=

*** Sample ID: Seq: 46 22:03:32 15 Oct 12 HG

460-45759-D-1-E

Hg -.019 ppb 13

=

*** Sample ID: Seq: 47 22:05:33 15 Oct 12 HG

460-45759-D-2-C

Hg -.021 ppb 5

=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 48 22:07:27 15 Oct 12 HG
Line Flag Intensities
Hg 15767
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 49 22:09:15 15 Oct 12 HG
Line Flag Intensities
Hg -103
=

*** Check Standard: 3 Ck3AICV Seq: 50 22:11:05 15 Oct 12 HG
Line Flag Intensities
Hg 15924
=

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 22:13:19 15 Oct 12 HG
Line Flag Intensities
Hg -41
=

*** Sample ID: Seq: 52 22:15:13 15 Oct 12 HG
mb 460-132096/10-a
Hg -.023 ppb 1
=

*** Sample ID: Seq: 53 22:17:27 15 Oct 12 HG
lcs 460-132096/11-a
Hg .991 ppb 3190
=

*** Sample ID: Seq: 54 22:19:11 15 Oct 12 HG
460-45862-d-27-a
Hg -.033 ppb -32
=

*** Sample ID: Seq: 55 22:21:18 15 Oct 12 HG
460-45862-a-27-a du
Hg -.017 ppb 18
=

*** Sample ID: Seq: 56 22:23:06 15 Oct 12 HG
460-45862-d-27-b ms
Hg .986 ppb 3174
=

*** Sample ID: Seq: 57 22:24:53 15 Oct 12 HG
460-45889-f-2-a
Hg -.015 ppb 26
=

*** Sample ID: Seq: 58 22:26:42 15 Oct 12 HG
460-45744-c-1-b
Hg .038 ppb 192
=

*** Sample ID: Seq: 59 22:29:15 15 Oct 12 HG
460-45862-i-1-a
Hg -.001 ppb 68
=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 60 22:31:00 15 Oct 12 HG

460-45862-i-3-a

Hg -.009 ppb 44

=

*** Sample ID: Seq: 61 22:32:55 15 Oct 12 HG

460-45862-i-4-a

Hg -.044 ppb -65

=

*** Check Standard: 2 Ck2ACCV Seq: 62 22:35:00 15 Oct 12 HG

Line Flag Intensities

Hg 15739

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 63 22:36:44 15 Oct 12 HG

Line Flag Intensities

Hg -124

=

*** Sample ID: Seq: 64 22:38:38 15 Oct 12 HG

460-45862-i-5-a

Hg -.006 ppb 54

=

*** Sample ID: Seq: 65 22:40:25 15 Oct 12 HG

460-45862-i-7-a

Hg .006 ppb 91

=

*** Sample ID: Seq: 66 22:42:14 15 Oct 12 HG

460-45862-i-10-a

Hg .067 ppb 283

=

*** Sample ID: Seq: 67 22:44:01 15 Oct 12 HG

460-45862-i-11-a

Hg .035 ppb 183

=

*** Sample ID: Seq: 68 22:45:57 15 Oct 12 HG

460-45862-i-13-a

Hg .007 ppb 93

=

*** Sample ID: Seq: 69 22:47:44 15 Oct 12 HG

460-45862-i-15-a

Hg -.004 ppb 59

=

*** Sample ID: Seq: 70 22:49:31 15 Oct 12 HG

460-45862-d-16-a

Hg -.004 ppb 59

=

*** Sample ID: Seq: 71 22:51:32 15 Oct 12 HG

460-45862-i-28-a

Hg .008 ppb 98

=

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 72 22:53:18 15 Oct 12 HG

460-45862-d-30-a

Hg -.016 ppb 23

=

*** Sample ID: Seq: 73 22:55:06 15 Oct 12 HG

460-45862-d-31-a

Hg -.033 ppb -33

=

*** Check Standard: 2 Ck2ACCV Seq: 74 22:57:21 15 Oct 12 HG

Line Flag Intensities

Hg 15831

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 75 22:59:04 15 Oct 12 HG

Line Flag Intensities

Hg -59

=

*** Sample ID: Seq: 76 23:00:48 15 Oct 12 HG

460-45862-d-34-a

Hg .008 ppb 96

=

*** Sample ID: Seq: 77 23:02:34 15 Oct 12 HG

460-45862-i-36-a

Hg -.016 ppb 21

=

*** Sample ID: Seq: 78 23:04:38 15 Oct 12 HG

460-45862-d-38-a

Hg -.028 ppb -16

=

*** Sample ID: Seq: 79 23:06:23 15 Oct 12 HG

460-45862-f-39-a

Hg -.007 ppb 51

=

*** Sample ID: Seq: 80 23:08:09 15 Oct 12 HG

SD 460-45862-d-27-a@

Hg -.023 ppb 0

=

*** Check Standard: 2 Ck2ACCV Seq: 81 23:09:58 15 Oct 12 HG

Line Flag Intensities

Hg 15885

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 82 23:11:42 15 Oct 12 HG

Line Flag Intensities

Hg -122

=

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132174 Batch Start Date: 10/16/12 10:45 Batch Analyst: Yang, QinBatch Method: FILTRATION Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount					
MB 460-132174/1		FILTRATION, 3010A, 6010B		100 mL					
460-45869-A-2	WG-17338-1011120 MW-10-MM-255	FILTRATION, 3010A, 6010B	D	100 mL					
460-45869-A-3	WG-17338-1011120 MW-15-MM-256	FILTRATION, 3010A, 6010B	D	100 mL					
460-45869-A-4	WG-17338-1011120 MW-105-MM-257	FILTRATION, 3010A, 6010B	D	100 mL					

Batch Notes	
Filter Lot #	1069782
Lot # of Nitric Acid	L03021

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132179 Batch Start Date: 10/16/12 11:09 Batch Analyst: Yang, QinBatch Method: 3010A Batch End Date: 10/16/12 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00033			
MB 460-132174/1-A		3010A, 6010B		100 mL	100 mL				
LCS 460-132179/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-45701-H-2-A DU		3010A, 6010B	D	100 mL	100 mL				
460-45701-H-2-A MS		3010A, 6010B	D	100 mL	100 mL	2 mL			
460-45869-A-2-A	WG-17338-1011120 MW-10-MM-255	3010A, 6010B	D	100 mL	100 mL				
460-45869-A-3-A	WG-17338-1011120 MW-15-MM-256	3010A, 6010B	D	100 mL	100 mL				
460-45869-A-4-E	WG-17338-1011120 MW-105-MM-257	3010A, 6010B	D	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 213
First End time	14:00
Lot # of Nitric Acid	L03021
Hot Block ID number	3
Oven, Bath or Block Temperature 1	97 uncorr, 95 corr Degrees C
Pipette ID	3
First Start time	10:00
ID number of the thermometer	3 [CF -2]
Digestion Tube/Cup Lot #	1205258

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132326 Batch Start Date: 10/17/12 09:07 Batch Analyst: Yang, QinBatch Method: 3010A Batch End Date: 10/17/12 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00033			
MB 460-132326/1		3010A, 6010B		100 mL	100 mL				
LCS 460-132326/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-45769-A-15 DU		3010A, 6010B	T	100 mL	100 mL				
460-45769-A-15 MS		3010A, 6010B	T	100 mL	100 mL	2 mL			
460-45869-B-2	WG-17338-1011120 MW-10-MM-255	3010A, 6010B	T	100 mL	100 mL				
460-45869-B-3	WG-17338-1011120 MW-15-MM-256	3010A, 6010B	T	100 mL	100 mL				
460-45869-B-4	WG-17338-1011120 MW-105-MM-257	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 213
First End time	14:00
Filter Paper Lot Number	09-790f
Lot # of Nitric Acid	L03021
Hot Block ID number	3
Oven, Bath or Block Temperature 1	97 uncorr, 95 corr Degrees C
Pipette ID	3
First Start time	9:00
ID number of the thermometer	3 [CF -2]
Digestion Tube/Cup Lot #	1205258

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132027 Batch Start Date: 10/15/12 10:45 Batch Analyst: Sheikh, Razia BBatch Method: FILTRATION Batch End Date: 10/15/12 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 460-132027/1		FILTRATION, 7470A, 7470A		60 mL	60 mL				
460-45869-A-4	WG-17338-1011120 MW-105-MM-257	FILTRATION, 7470A, 7470A	D	30 mL	30 mL				

Batch Notes	
Filter Lot #	1069782
Lot # of Nitric Acid	103021

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132028 Batch Start Date: 10/15/12 11:15 Batch Analyst: Sheikh, Razia BBatch Method: 245.1 Batch End Date: 10/15/12 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00939			
ICV 460-132028/31		245.1, 7470A		100 mL	100 mL	5 mL			
CCV 460-132028/33		245.1, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01522
Sulfuric Acid Lot Number	k53043
Lot # of hydrochloric acid	hgr01505
Lot # of Nitric Acid	103021
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01520
Potassium Permanganate Lot Number	hgr01521
NaCL Lot #	hgr01522
Oven, Bath or Block Temperature 1	96 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01523

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132033 Batch Start Date: 10/15/12 11:15 Batch Analyst: Sheikh, Razia BBatch Method: 7470A Batch End Date: 10/15/12 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00939			
MB 460-132027/1-A		7470A, 7470A		30 mL	30 mL				
LCS 460-132033/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-45869-A-4-A	WG-17338-1011120 MW-105-MM-257	7470A, 7470A	D	30 mL	30 mL				
460-45869-A-4-A DU	WG-17338-1011120 MW-105-MM-257	7470A, 7470A	D	30 mL	30 mL				
460-45869-A-4-A MS	WG-17338-1011120 MW-105-MM-257	7470A, 7470A	D	30 mL	30 mL	0.3 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01522
Sulfuric Acid Lot Number	k53043
Lot # of hydrochloric acid	hgr01505
Lot # of Nitric Acid	103021
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01520
Potassium Permanganate Lot Number	hgr01521
NaCL Lot #	hgr01522
Pipette ID	3
Stannous Chloride Lot Number	hgr01523
Temperature	96 uncorr, 95 corr

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45869-1

SDG No.: _____

Batch Number: 132095 Batch Start Date: 10/15/12 17:00 Batch Analyst: Staib, ThomasBatch Method: 7470A Batch End Date: 10/15/12 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00940	ME_DQCS-INT 00655		
ICV 460-132095/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-132095/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-132095/9		7470A, 7470A		100 mL	100 mL				
MB 460-132095/11		7470A, 7470A		30 mL	30 mL				
LCS 460-132095/12		7470A, 7470A		30 mL	30 mL	0.6 mL			
460-45906-I-1 DU		7470A, 7470A	T	30 mL	30 mL				
460-45906-I-1 MS		7470A, 7470A	T	30 mL	30 mL	0.6 mL			
460-45869-B-4	WG-17338-1011120 MW-105-MM-257	7470A, 7470A	T	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01516
Sulfuric Acid Lot Number	K20042
Lot # of hydrochloric acid	HgR01513
Lot # of Nitric Acid	L03021
Hood ID or number	#2
Hot Block ID number	#9
Potassium Persulfate Lot Number	HgR01517
Potassium Permanganate Lot Number	HgR01515
NaCL Lot #	HgR01516
Oven, Bath or Block Temperature 1	Uncorrected Temperature 96 Degrees C
Pipette ID	#25
Stannous Chloride Lot Number	HgR01514
Temperature	95 Degrees C
ID number of the thermometer	Prep-1 (CF -1)

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ____ of ____

Name (for report and invoice) Chris Barton		Samplers Name (Printed) M. MYLETT		Site/Project Identification PALEMER GYM	
Company CRA		P.# 017338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address 285 DECAVORE AVE SUITE 500		Analysis Turnaround Time Standard ☐ Rush Charges Authorized For: 2 Week ☐ 1 Week ☒ Other ☐		Regulatory Program: DMAC	
City BUFFALO NY		Phone 716-856-2172		Fax	
Sample Identification		Date	Time	Matrix	No. of Cont.
WG-17338-10112-MW-1-254	10/11/12	0950	ABU	3	1
WG-17338-10112-MW-10-MW-255		1110	ABU	2	2
WG-17338-10112-MW-5-MW-256		1330	ABU	2	3
WG-17338-10112-MW-10-MW-257		1450	ABU	2	4
TR-17338-10112-258			ABU	3	5
5-DAY RUSH					
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH					
Soil: ☐ Water: ☐					
6 = Other ☐ 7 = Other ☐					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by Martin Mylett	Company CRA	Date / Time 10/12/12	Received by Paula H	Company PA. 10/12/12 09:50
Relinquished by Jeff Sica	Company TA	Date / Time 10/12/12 12:30	Received by John Brady	Company TA 11/40
Relinquished by Jeff Sica	Company TA	Date / Time 10/12/12 12:30	Received by John Brady	Company TA 11/40
Relinquished by Jeff Sica	Company TA	Date / Time 10/12/12 12:30	Received by John Brady	Company TA 11/40

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NU312), North Carolina (No. 578)

TAL-0016 (0408)

Other

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10.13.12

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45869-1

Login Number: 45869

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1° C IR #3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.