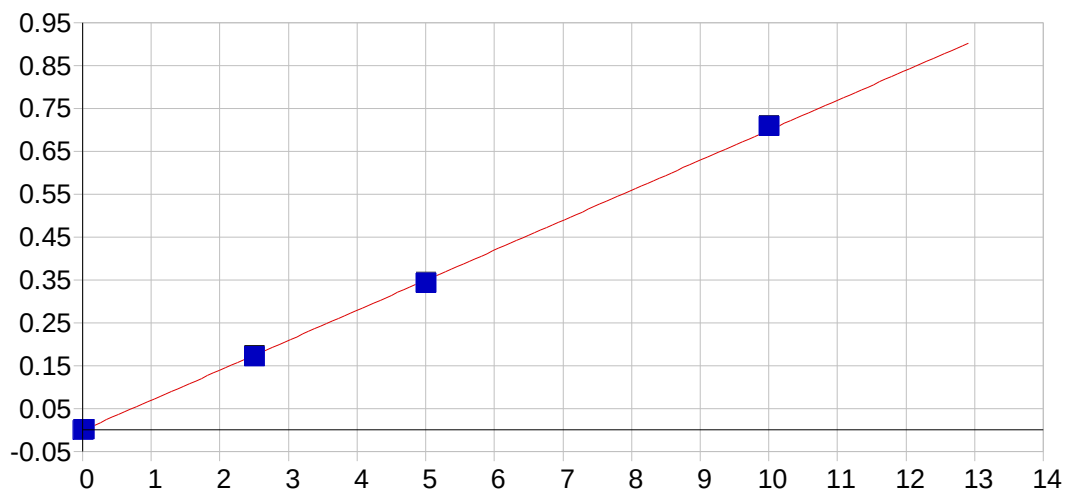


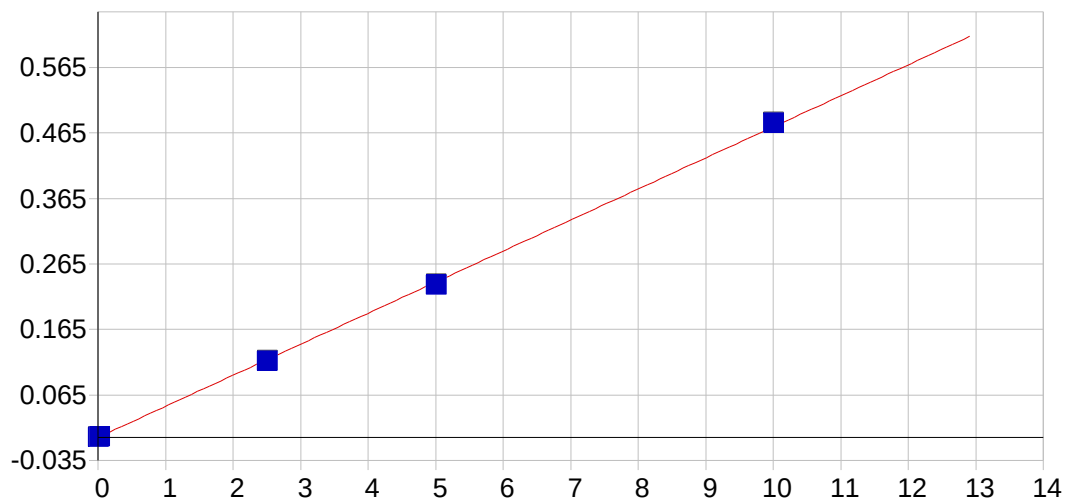


As 189.042 {478}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000361 Re-Slope: 1.000000
 A1 (Gain): 0.069951 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003863
 Predicted MQL: 0.012875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.02000	.01923	-.001	-3.87	.00098	.000	1
S3	2.5000	2.4568	-.043	-1.73	.17148	.000	1
S4	5.0000	4.9041	-.096	-1.92	.34266	.001	1
S5	10.000	10.140	.140	1.40	.70889	.001	1



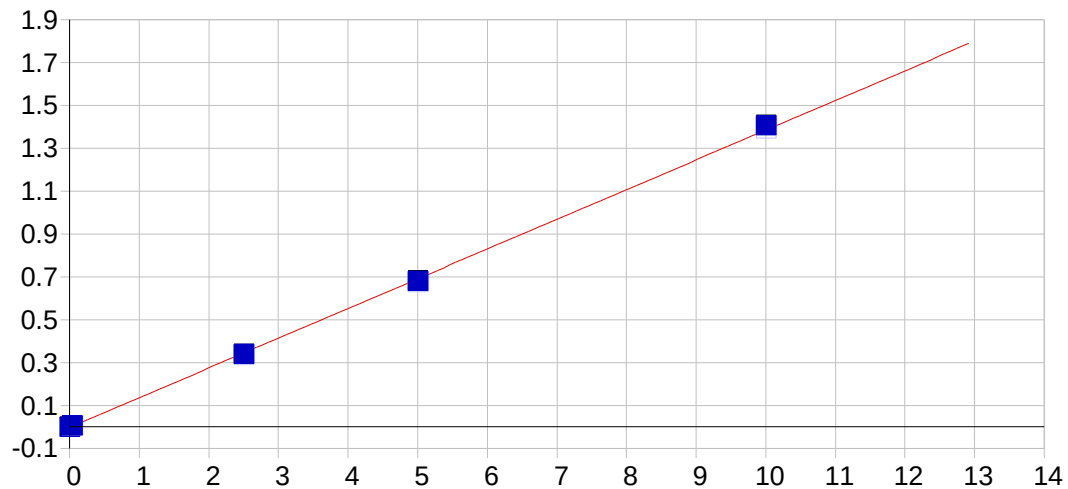
As 189.042 {479}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000238 Re-Slope: 1.000000

A1 (Gain): 0.047407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003678
 Predicted MQL: 0.012258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.02000	.02474	.005	23.7	.00141	.000	1
S3	2.5000	2.4609	-.039	-1.57	.11690	.000	1
S4	5.0000	4.9054	-.095	-1.89	.23279	.001	1
S5	10.000	10.129	.129	1.29	.48043	.001	1

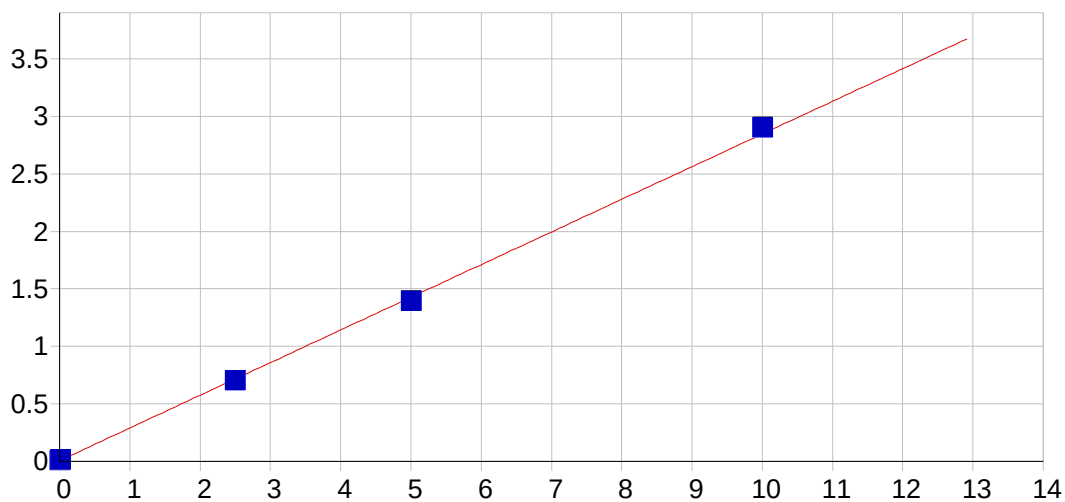


TI 190.856 {477}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001654 Re-Slope: 1.000000
 A1 (Gain): 0.138623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001658
 Predicted MQL: 0.005526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00165	.000	1
S1	.04000	.03761	-.002	-5.97	.00341	.000	1
S3	2.5000	2.4488	-.051	-2.05	.33425	.001	1
S4	5.0000	4.9129	-.087	-1.74	.67228	.001	1
S5	10.000	10.141	.141	1.41	1.3899	.002	1

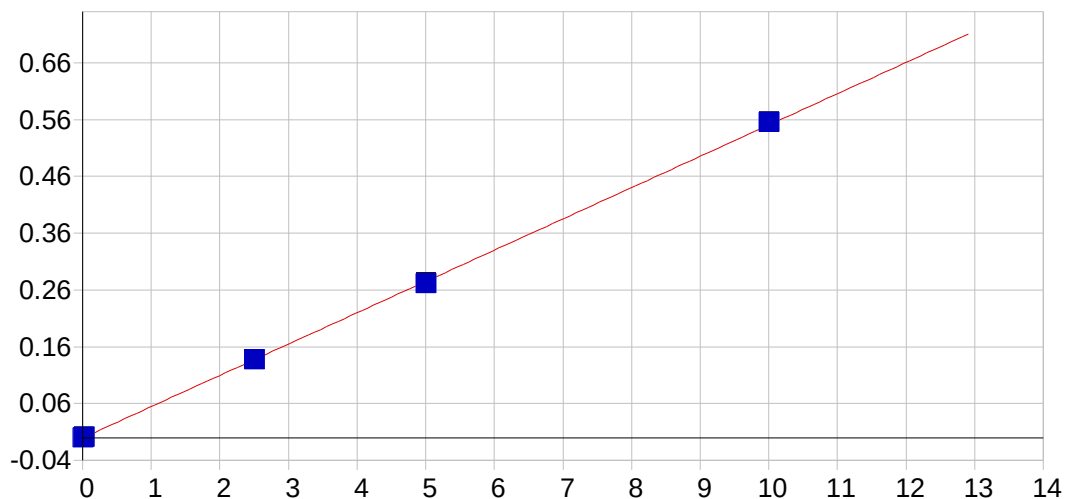


Pb 220.353 {453}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006665 Re-Slope: 1.000000
 A1 (Gain): 0.283931 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.001288
 Predicted MQL: 0.004294

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00667	.000	1
S1	.01200	.01182	-.000	-1.53	.00996	.000	1
S3	2.5000	2.4374	-.063	-2.51	.69775	.001	1
S4	5.0000	4.8806	-.119	-2.39	1.3905	.002	1
S5	10.000	10.182	.182	1.82	2.8939	.004	1



Se 196.090 {472}

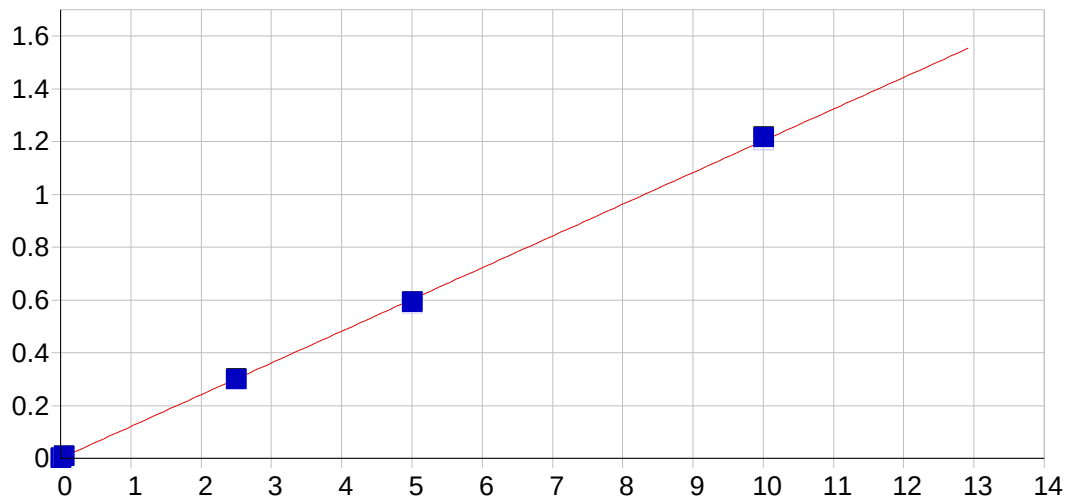
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000538 Re-Slope: 1.000000
 A1 (Gain): 0.055089 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000014
 Predicted MDL: 0.004562
 Predicted MQL: 0.015207

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.02000	.01836	-.002	-8.18	.00047	.000	1
S3	2.5000	2.4868	-.013	-.530	.13643	.000	1
S4	5.0000	4.9288	-.071	-1.42	.27093	.001	1
S5	10.000	10.086	.086	.861	.55498	.001	1



Sb 206.833 {463}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

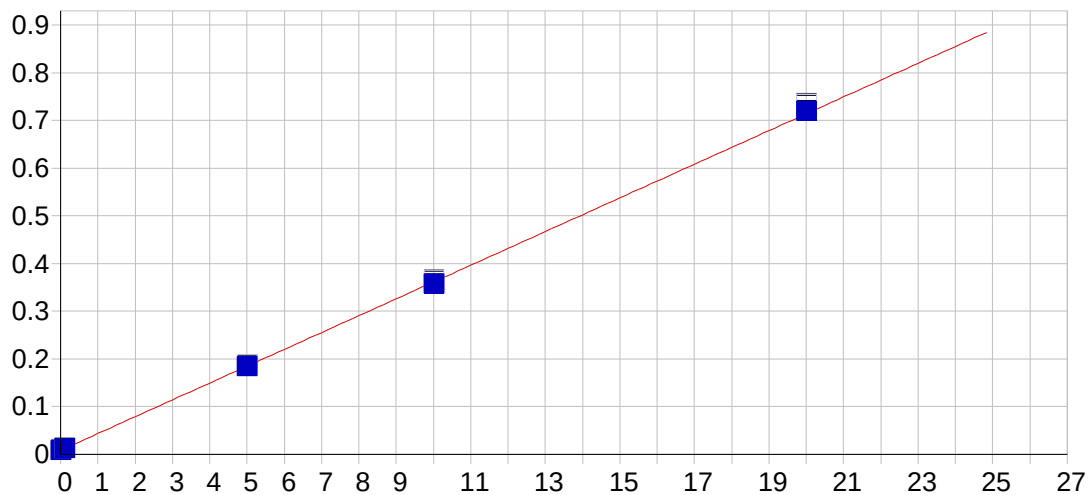
Weighting: 1/Conc

A0 (Offset): 0.000476
 A1 (Gain): 0.120256
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000057
 Predicted MDL: 0.002570
 Predicted MQL: 0.008566

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.05000	.05159	.002	3.19	.00653	.000	1
S3	2.5000	2.4829	-.017	-.684	.29568	.001	1
S4	5.0000	4.9133	-.087	-1.73	.58457	.001	1
S5	10.000	10.102	.102	1.02	1.2018	.002	1

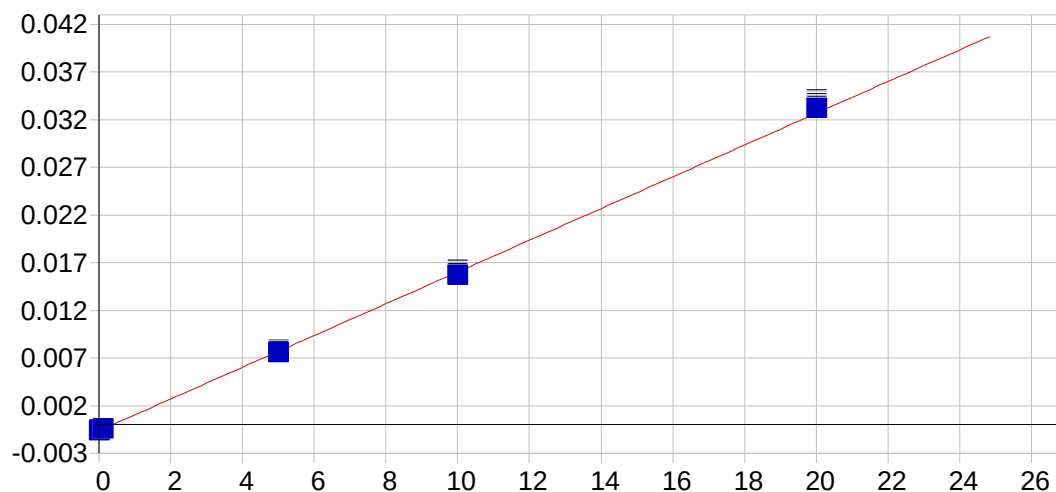


AI 308.215 {109}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008467 Re-Slope: 1.000000
 A1 (Gain): 0.035290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.004047
 Predicted MQL: 0.013489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00847	.000	1
S1	.10000	.11013	.010	10.1	.01260	.000	1
S3	5.0000	4.9825	-.017	-.349	.18781	.001	1
S4	10.000	9.8603	-.140	-1.40	.36346	.001	1
S5	20.000	20.147	.147	.733	.73350	.002	1



AI 309.271 {109}

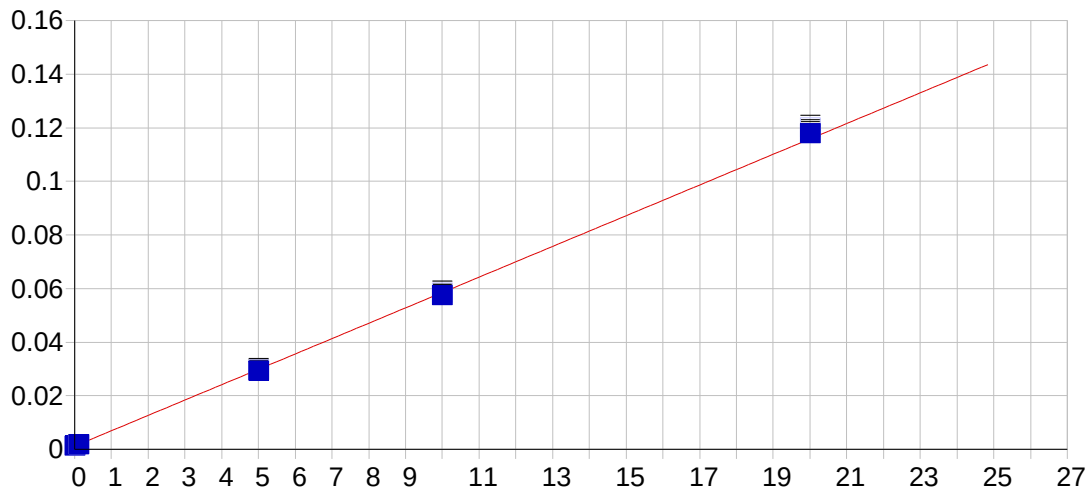
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000636 Re-Slope: 1.000000
 A1 (Gain): 0.001666 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849
 Std Error of Est: 0.000002
 Predicted MDL: 0.052182
 Predicted MQL: 0.173941

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00064	.000	1
S1	.10000	.09677	-.003	-3.23	-.00046	.000	1
S3	5.0000	4.9204	-.080	-1.59	.00772	.000	1
S4	10.000	9.7769	-.223	-2.23	.01598	.000	1
S5	20.000	20.306	.306	1.53	.03385	.000	1



Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

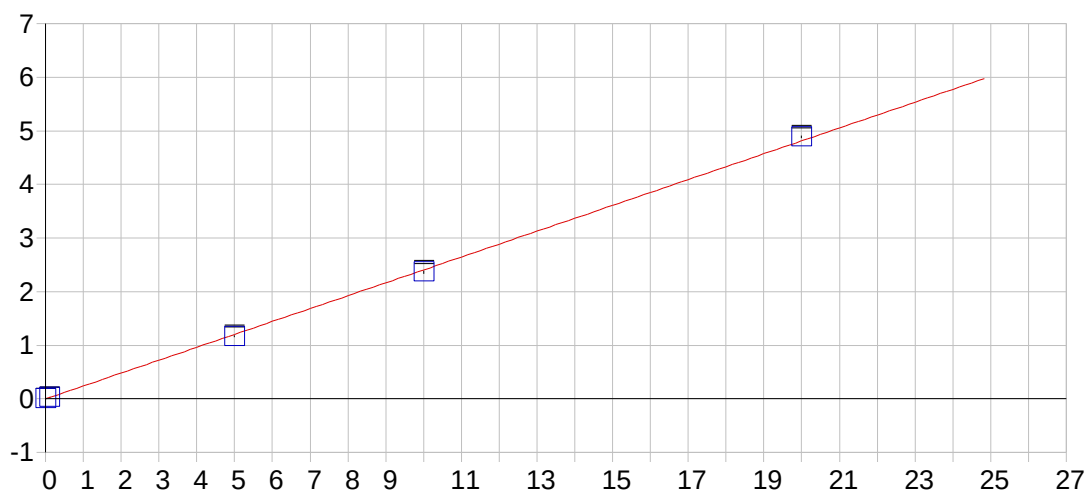
Weighting: 1/Conc

A0 (Offset): 0.001146
 A1 (Gain): 0.005729
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822
 Std Error of Est: 0.000008
 Predicted MDL: 0.023066
 Predicted MQL: 0.076885

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00115	.000	1
S1	.10000	.09347	-.007	-6.53	.00172	.000	1
S3	5.0000	4.8867	-.113	-2.27	.02971	.000	1
S4	10.000	9.7880	-.212	-2.12	.05837	.001	1
S5	20.000	20.332	.332	1.66	.11992	.001	1

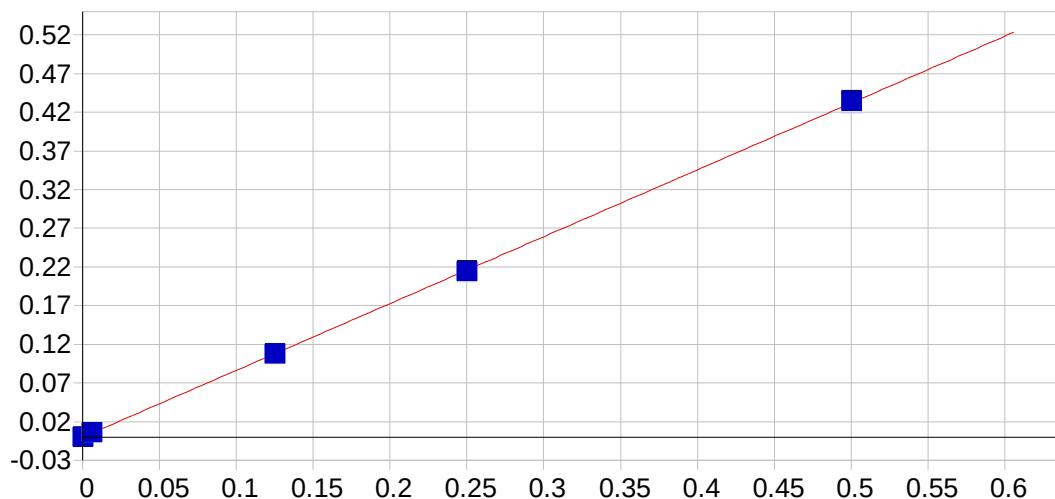


Ba 493.409 { 68}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002334 Re-Slope: 1.000000
 A1 (Gain): 0.240693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000344
 Predicted MDL: 0.001035
 Predicted MQL: 0.003451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00233	.000	1
S1	.10000	.09783	-.002	-2.17	.02121	.000	1
S3	5.0000	4.8582	-.142	-2.84	1.1670	.012	1
S5	20.000	20.319	.319	1.60	4.8884	.025	1
S4	10.000	9.8247	-.175	-1.75	2.3624	.030	1



Be 234.861 {144}

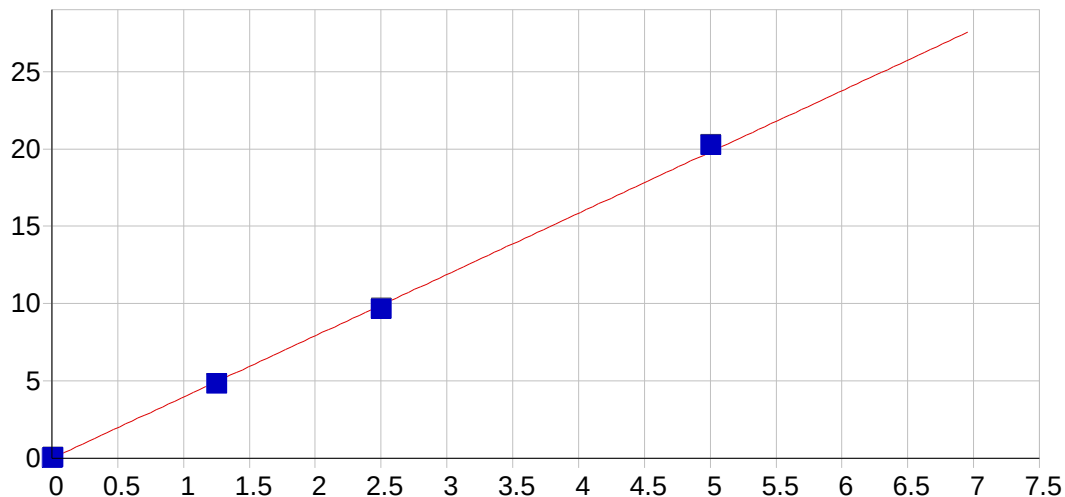
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000157 Re-Slope: 1.000000
 A1 (Gain): 0.864112 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000020
 Predicted MDL: 0.000109
 Predicted MQL: 0.000365

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.00600	.00636	.000	6.04	.00529	.000	1
S3	.12500	.12451	-.000	-.394	.10675	.000	1
S4	.25000	.24775	-.002	-.899	.21257	.001	1
S5	.50000	.50238	.002	.476	.43124	.001	1



Cd 226.502 {449}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

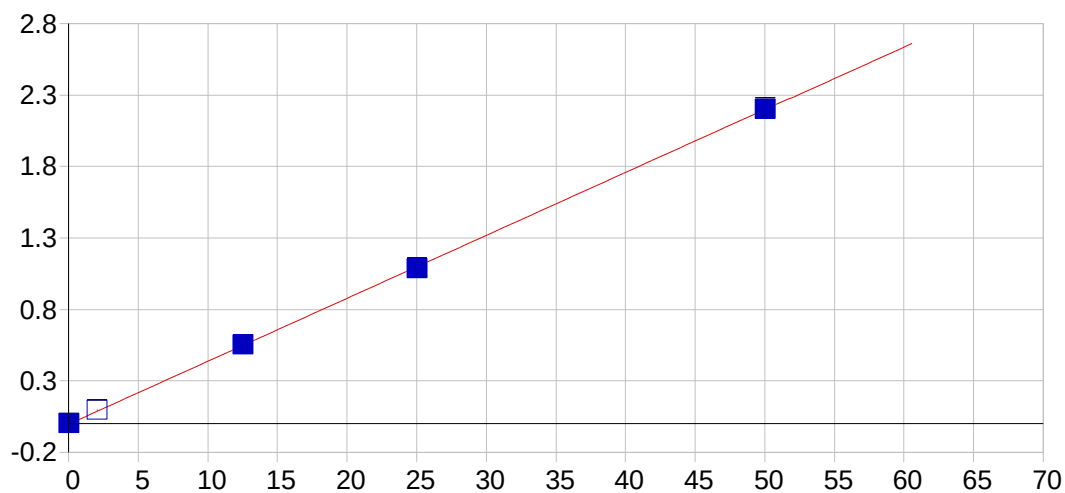
Weighting: 1/Conc

A0 (Offset): 0.000631
 A1 (Gain): 3.959459
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999704
 Std Error of Est: 0.000902
 Predicted MDL: 0.000105
 Predicted MQL: 0.000351

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.00600	.00593	-.000	-1.14	.02416	.000	1
S3	1.2500	1.2074	-.043	-3.40	4.7826	.002	1
S4	2.5000	2.4378	-.062	-2.49	9.6554	.012	1
S5	5.0000	5.1048	.105	2.10	20.217	.045	1

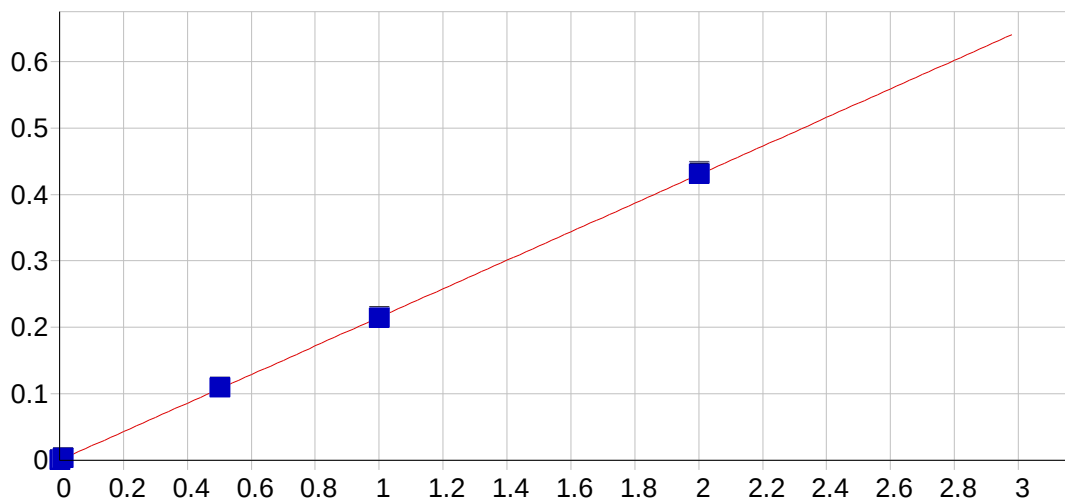


Ca 373.690 { 90}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000686 Re-Slope: 1.000000
 A1 (Gain): 0.043955 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000419
 Predicted MDL: 0.034488
 Predicted MQL: 0.114960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2181	.218	10.9	.09681	.001	1
S0	.00000	-.00020	-.000	.000	-.00070	.001	1
S3	12.500	12.549	.049	.391	.55119	.003	1
S4	25.000	24.711	-.289	-1.15	1.0861	.003	1
S5	50.000	50.022	.022	.043	2.1992	.010	1



Cr 267.716 {126}

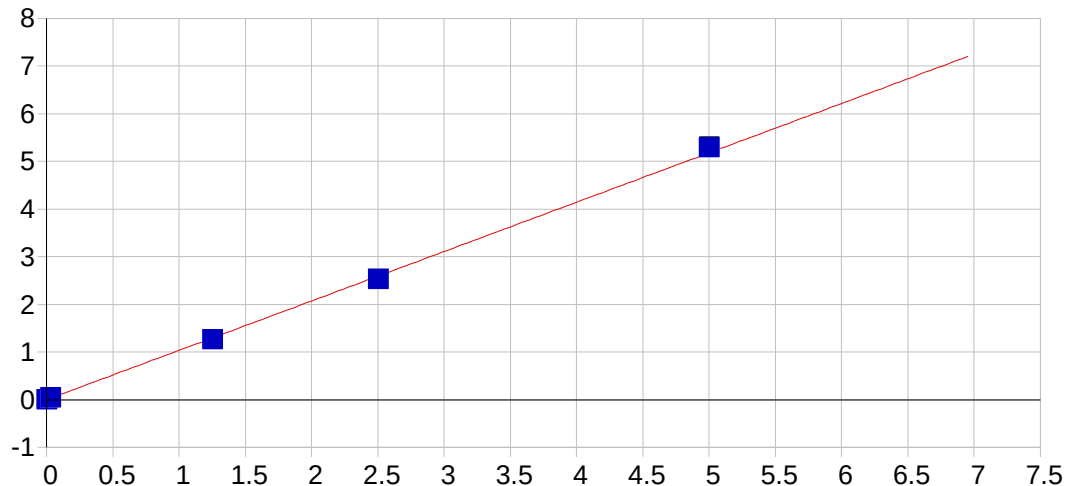
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000233 Re-Slope: 1.000000
 A1 (Gain): 0.214818 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000014
 Predicted MDL: 0.000608
 Predicted MQL: 0.002028

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.01000	.01127	.001	12.7	.00267	.000	1
S3	.50000	.50441	.004	.883	.10943	.000	1
S4	1.0000	.99259	-.007	-.741	.21515	.000	1
S5	2.0000	2.0017	.002	.086	.43362	.001	1



Co 228.616 {447}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

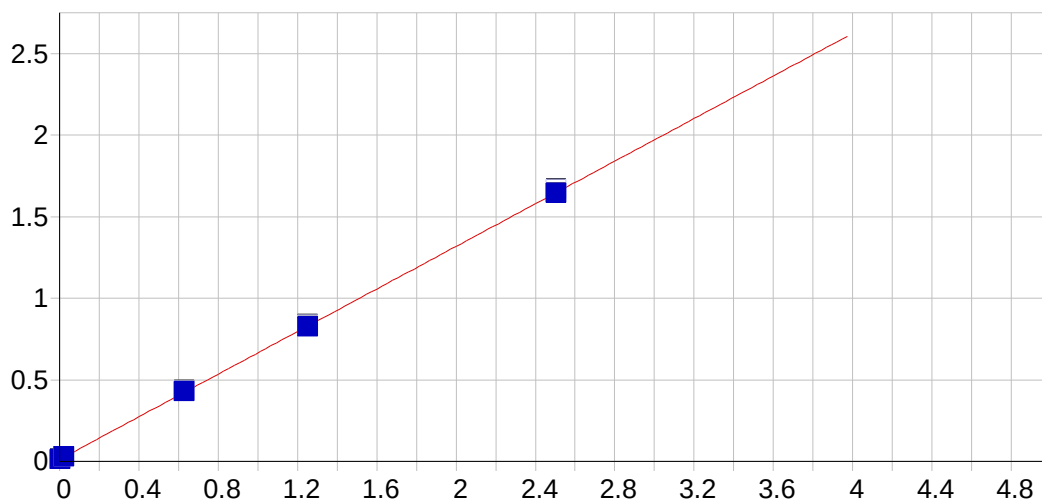
Weighting: 1/Conc

A0 (Offset): -0.000569
 A1 (Gain): 1.036228
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747
 Std Error of Est: 0.000488
 Predicted MDL: 0.000330
 Predicted MQL: 0.001099

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.03000	.02963	-.000	-1.25	.02992	.000	1
S3	1.2500	1.2156	-.034	-2.75	1.2601	.001	1
S4	2.5000	2.4371	-.063	-2.52	2.5268	.002	1
S5	5.0000	5.0977	.098	1.95	5.2859	.008	1

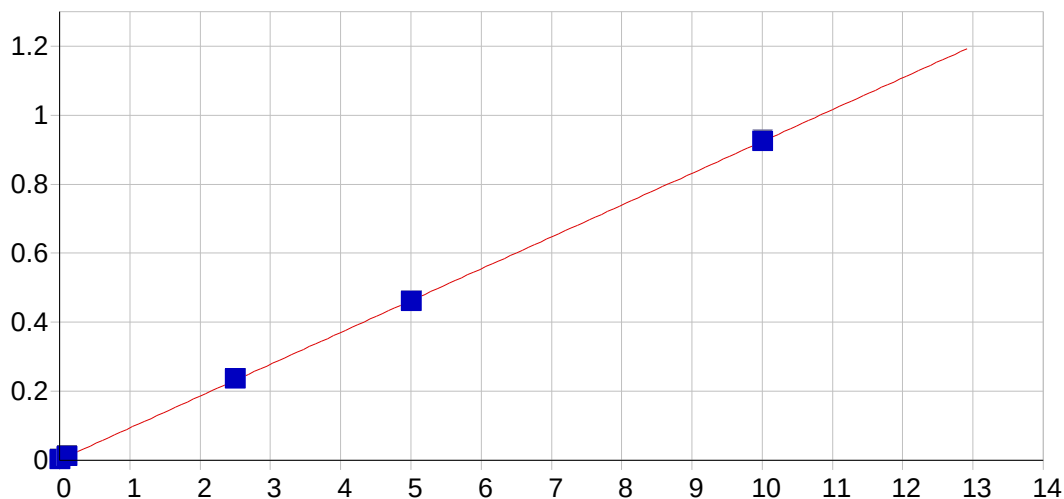


Cu 224.700 {450}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012495 Re-Slope: 1.000000
 A1 (Gain): 0.652798 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.000604
 Predicted MQL: 0.002014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01249	.000	1
S1	.02000	.02163	.002	8.17	.02682	.000	1
S3	.62500	.63464	.010	1.54	.43338	.002	1
S4	1.2500	1.2418	-.008	-.657	.83631	.003	1
S5	2.5000	2.4969	-.003	-.122	1.6689	.003	1



Fe 240.488 {140}

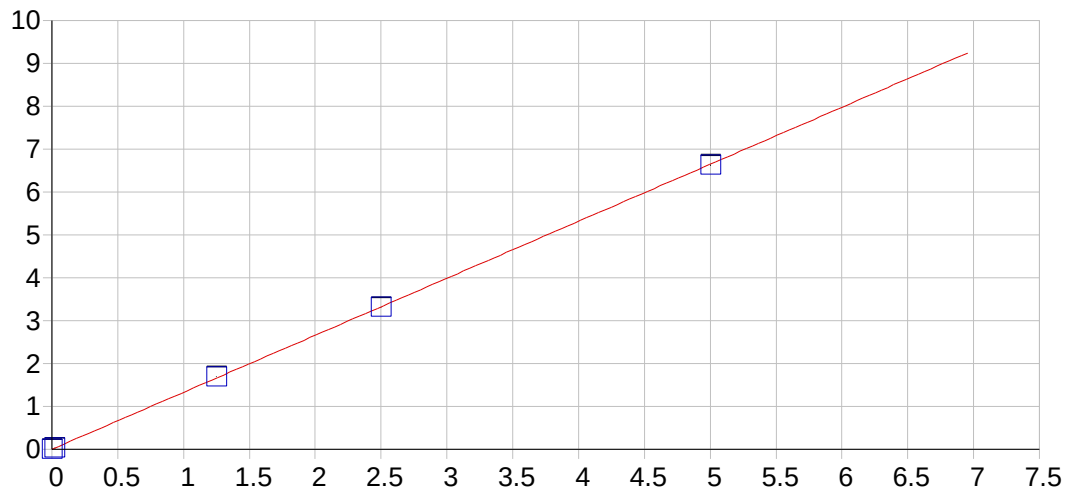
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001435 Re-Slope: 1.000000
 A1 (Gain): 0.092239 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000045
 Predicted MDL: 0.001115
 Predicted MQL: 0.003717

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00143	.000	1
S1	.10000	.10949	.009	9.49	.01158	.000	1
S3	2.5000	2.5290	.029	1.16	.23557	.000	1
S4	5.0000	4.9679	-.032	-.642	.46139	.001	1
S5	10.000	9.9936	-.006	-.064	.92667	.001	1



Mn 257.610 {131}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

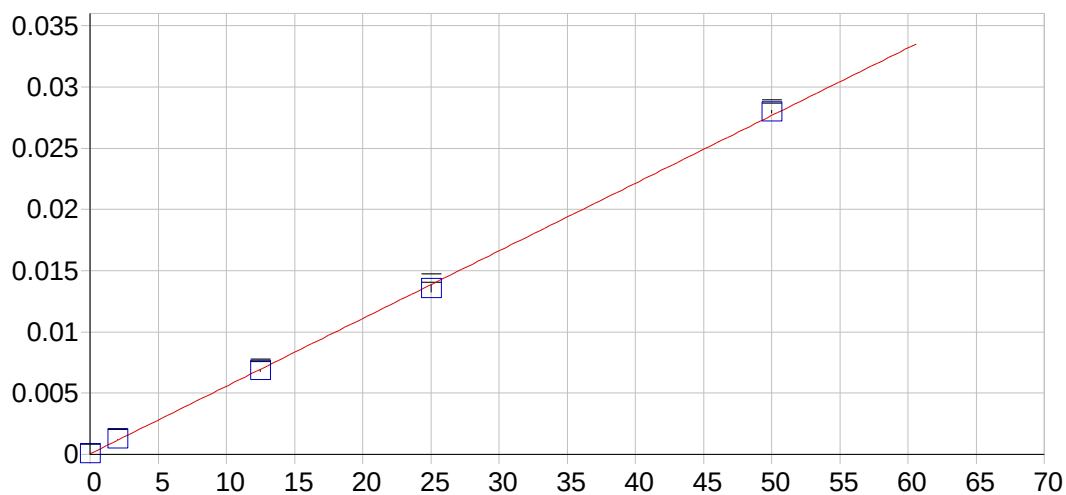
Weighting: 1/Conc

A0 (Offset): 0.000542
 A1 (Gain): 1.329425
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000226
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00054	.000	1
S1	.02000	.02281	.003	14.1	.03087	.000	1
S3	1.2500	1.2719	.022	1.75	1.6914	.004	1
S4	2.5000	2.4880	-.012	-.481	3.3081	.010	1
S5	5.0000	4.9873	-.013	-.254	6.6308	.012	1

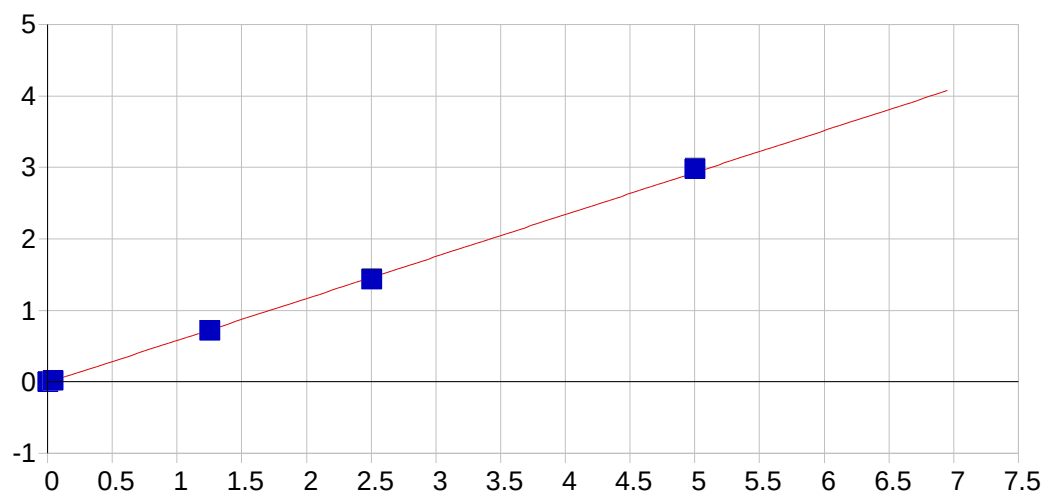


Mg 279.079 {121}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.000552 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.084538
 Predicted MQL: 0.281795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1473	.147	7.37	.00123	.000	1
S0	.00000	-.00010	-.000	.000	.00005	.000	1
S3	12.500	12.331	-.169	-1.35	.00686	.000	1
S4	25.000	24.462	-.538	-2.15	.01355	.000	1
S5	50.000	50.559	.559	1.12	.02797	.000	1



Ni 231.604 {445}

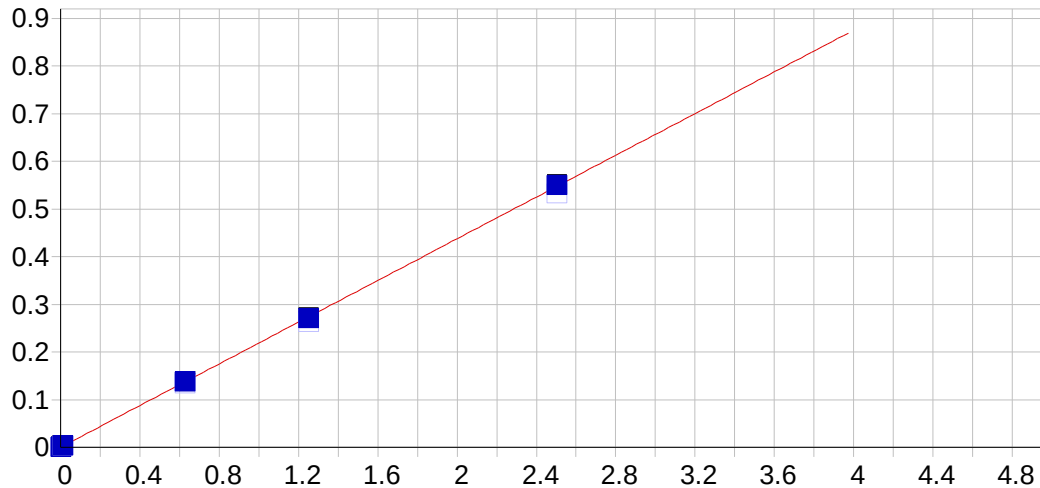
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009463 Re-Slope: 1.000000
 A1 (Gain): 0.587510 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000260
 Predicted MDL: 0.000616
 Predicted MQL: 0.002052

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00946	.000	1
S1	.04000	.04170	.002	4.26	.01505	.000	1
S3	1.2500	1.2255	-.025	-1.96	.71132	.002	1
S4	2.5000	2.4454	-.055	-2.18	1.4288	.003	1
S5	5.0000	5.0774	.077	1.55	2.9768	.007	1



Ag 328.068 {103}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

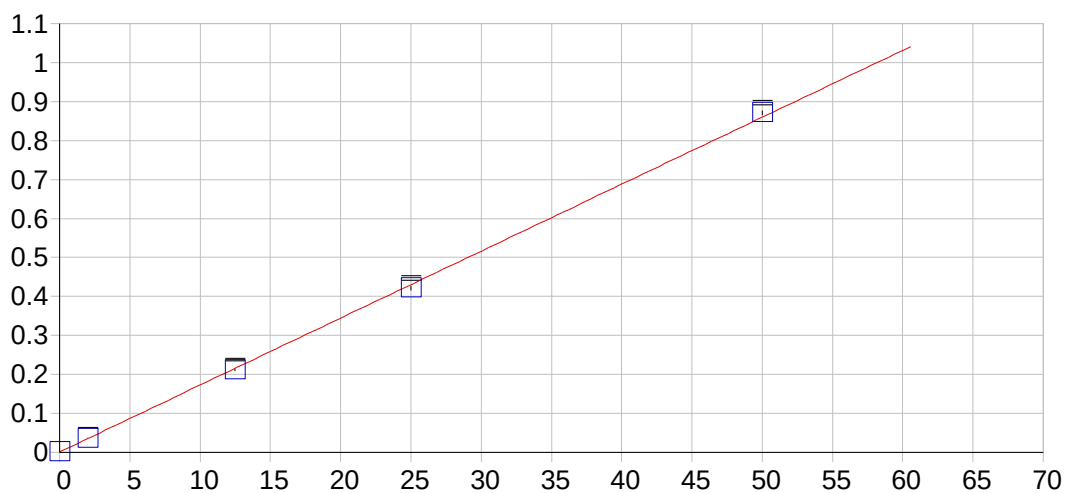
Weighting: 1/Conc

A0 (Offset): 0.000073
 A1 (Gain): 0.218822
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000014
 Predicted MDL: 0.000907
 Predicted MQL: 0.003025

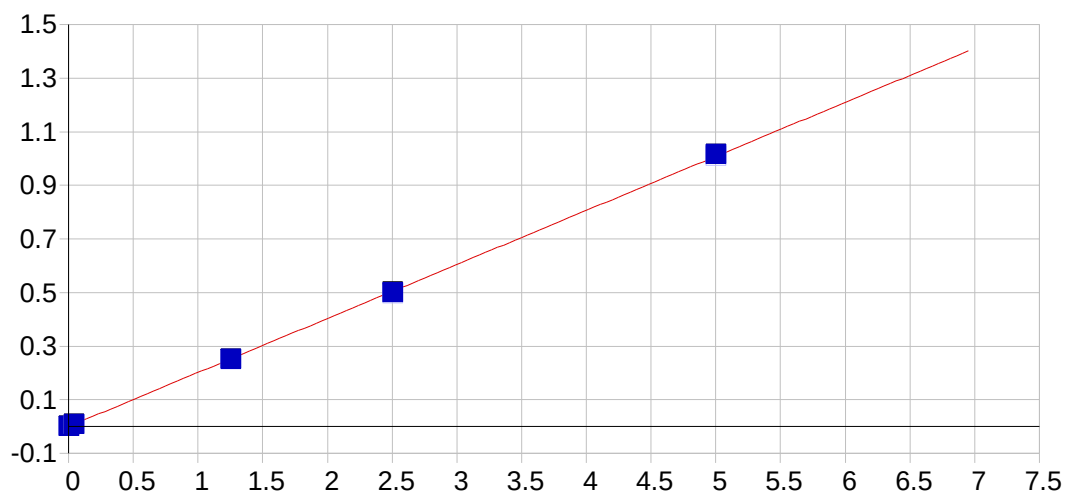
Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01072	.001	7.19	.00227	.000	1
S3	.62500	.62705	.002	.328	.13302	.000	1
S4	1.2500	1.2362	-.014	-1.11	.26205	.000	1
S5	2.5000	2.5111	.011	.444	.53252	.001	1



Na 589.592 { 57}							
Date of Fit:		8/1/2019 11:34:22		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.001109		Re-Slope:		1.000000	
A1 (Gain):		0.017173		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999843		Status:	OK.		
Std Error of Est:		0.000166					
Predicted MDL:		0.019438					
Predicted MQL:		0.064794					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0790	.079	3.95	.03681	.000	1
S0	.00000	-.00003	-.000	.000	.00111	.000	1
S3	12.500	12.270	-.230	-1.84	.21182	.003	1
S4	25.000	24.467	-.533	-2.13	.42128	.006	1
S5	50.000	50.684	.684	1.37	.87148	.006	1

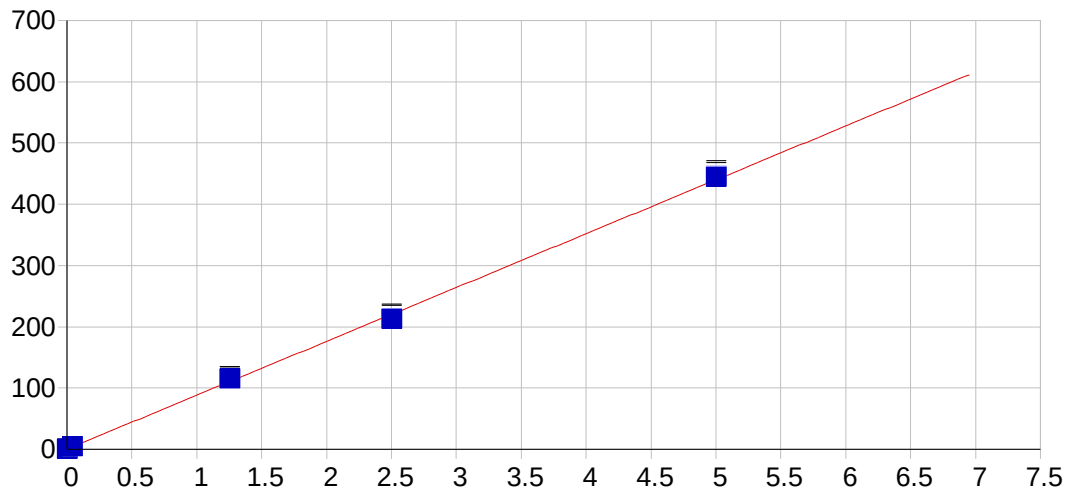


V 292.402 {115}					
Date of Fit:	8/1/2019 11:34:22	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000105	Re-Slope:	1.000000		
A1 (Gain):	0.201599	Y-int:	0.000000		

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000040
 Predicted MDL: 0.000743
 Predicted MQL: 0.002476

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.04000	.04075	.001	1.87	.00798	.000	1
S3	1.2500	1.2420	-.008	-.641	.24863	.001	1
S4	2.5000	2.4729	-.027	-1.09	.49513	.002	1
S5	5.0000	5.0344	.034	.688	1.0082	.001	1



Zn 206.200 {163}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

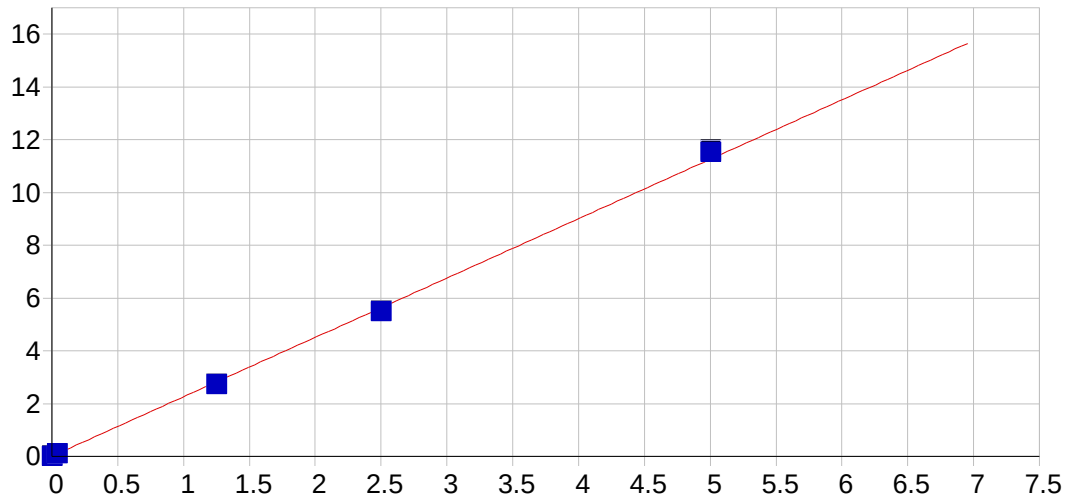
Weighting: 1/Conc

A0 (Offset): 0.344798
 A1 (Gain): 87.923984
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621
 Std Error of Est: 0.058953
 Predicted MDL: 0.000472
 Predicted MQL: 0.001574

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.34436	.048	1
S1	.04000	.04460	.005	11.5	4.2894	.034	1
S3	1.2500	1.3014	.051	4.11	115.43	2.79	1
S4	2.5000	2.4029	-.097	-3.88	212.95	7.13	1
S5	5.0000	5.0411	.041	.822	446.24	8.03	1

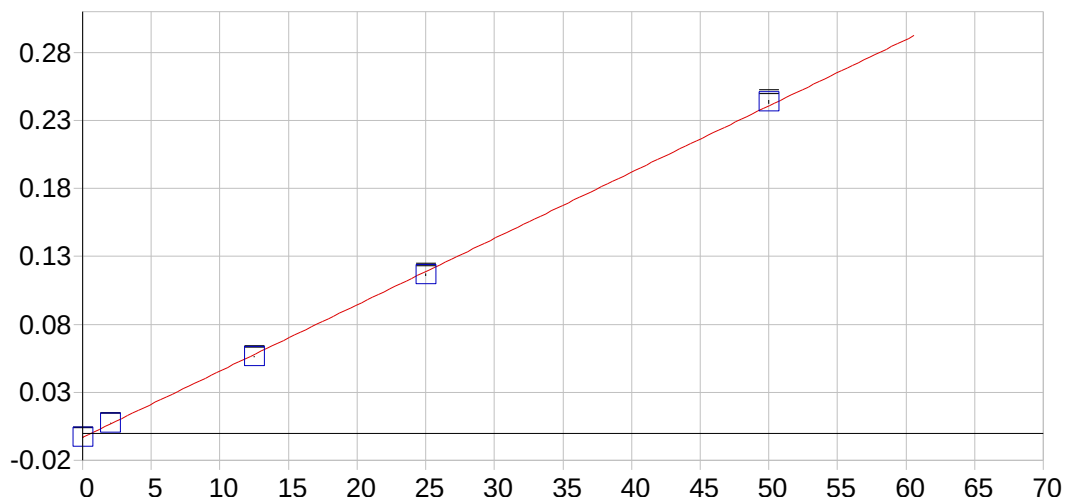


Zn 213.856 {458}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008301 Re-Slope: 1.000000
 A1 (Gain): 2.249874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999611 Status: OK.
 Std Error of Est: 0.001529
 Predicted MDL: 0.000129
 Predicted MQL: 0.000429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00830	.001	1
S1	.04000	.04176	.002	4.41	.10289	.000	1
S3	1.2500	1.2013	-.049	-3.90	2.7289	.003	1
S4	2.5000	2.4275	-.072	-2.90	5.5058	.010	1
S5	5.0000	5.1194	.119	2.39	11.598	.019	1



K 766.490 {44}

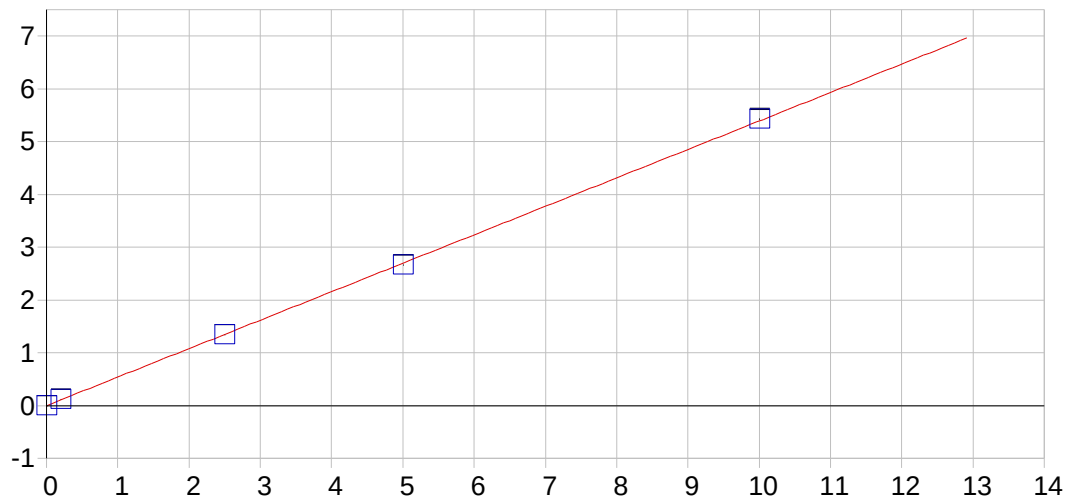
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003137 Re-Slope: 1.000000
 A1 (Gain): 0.004877 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000050
 Predicted MDL: 0.071995
 Predicted MQL: 0.239984

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1294	.129	6.47	.00725	.000	1
S0	.00000	-.00007	-.000	.000	-.00314	.000	1
S3	12.500	12.197	-.303	-2.42	.05634	.001	1
S4	25.000	24.549	-.451	-1.80	.11658	.001	1
S5	50.000	50.624	.624	1.25	.24374	.001	1



Mo 202.030 {467}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

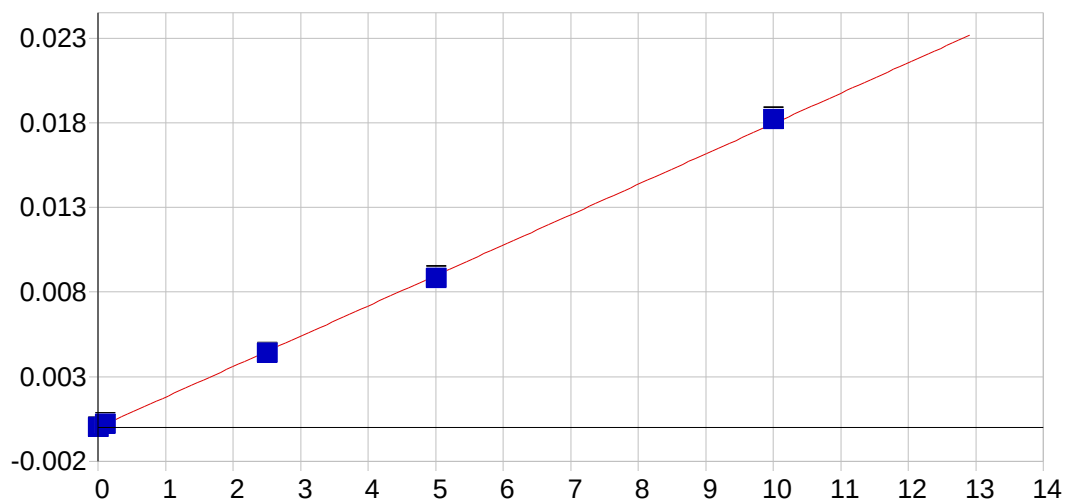
Weighting: 1/Conc

A0 (Offset): -0.000113
 A1 (Gain): 0.539109
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000395
 Predicted MDL: 0.000457
 Predicted MQL: 0.001522

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.20000	.20768	.008	3.84	.11185	.000	1
S3	2.5000	2.4889	-.011	-.444	1.3417	.001	1
S4	5.0000	4.9362	-.064	-1.28	2.6610	.003	1
S5	10.000	10.067	.067	.672	5.4272	.010	1

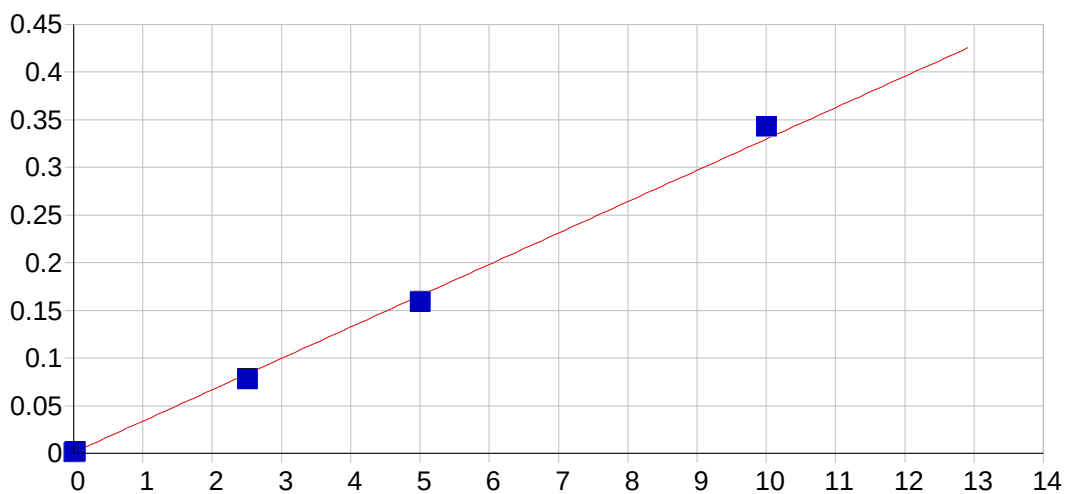


B 249.678 {135}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.001794 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.021938
 Predicted MQL: 0.073127

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.10000	.11367	.014	13.7	.00021	.000	1
S3	2.5000	2.4409	-.059	-2.36	.00438	.000	1
S4	5.0000	4.9033	-.097	-1.93	.00879	.000	1
S5	10.000	10.142	.142	1.42	.01817	.000	1



S 182.034 {485}

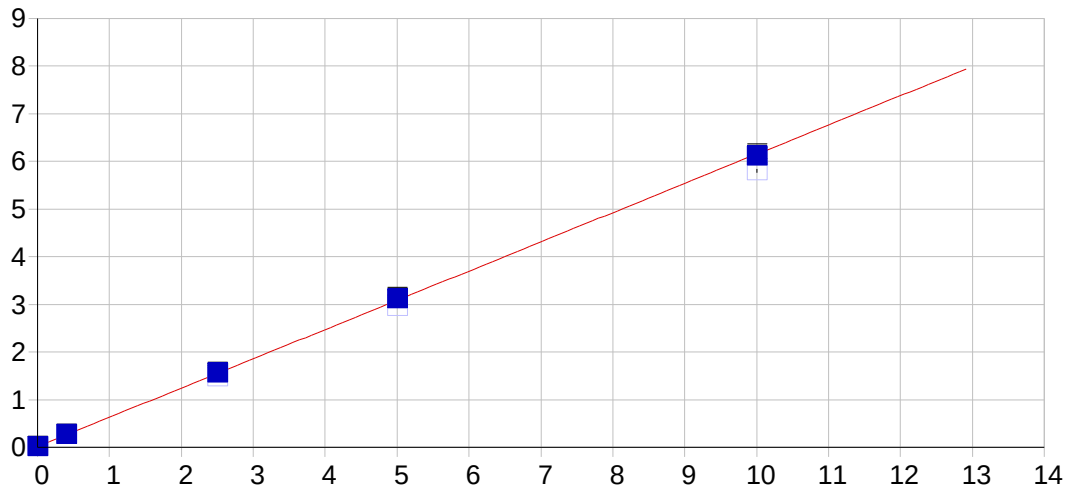
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000879 Re-Slope: 1.000000
 A1 (Gain): 0.032893 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999008
 Std Error of Est: 0.000035
 Predicted MDL: 0.004676
 Predicted MQL: 0.015586

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00088	.000	1
S1	.02000	.01693	-.003	-15.4	.00142	.000	1
S3	2.5000	2.3283	-.172	-6.87	.07737	.000	1
S4	5.0000	4.7972	-.203	-4.06	.15849	.001	1
S5	10.000	10.377	.377	3.77	.34185	.001	1



Si 288.158 {117}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

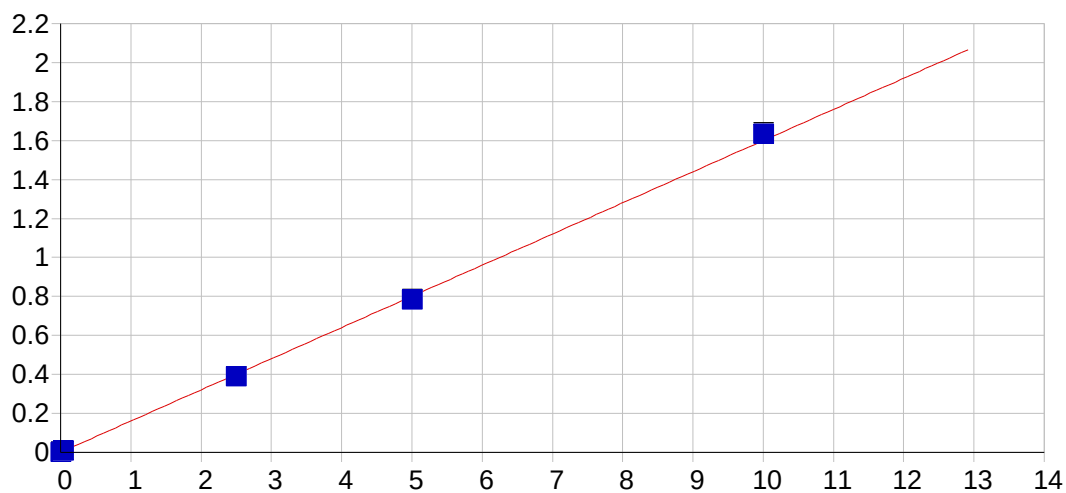
Weighting: 1/Conc

A0 (Offset): 0.016654
 A1 (Gain): 0.613600
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000497
 Predicted MDL: 0.003559
 Predicted MQL: 0.011862

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01665	.001	1
S1	.40000	.40525	.005	1.31	.26204	.004	1
S3	2.5000	2.5174	.017	.697	1.4838	.015	1
S4	5.0000	5.0427	.043	.853	2.9558	.027	1
S5	10.000	9.9345	-.066	-.655	5.8024	.042	1

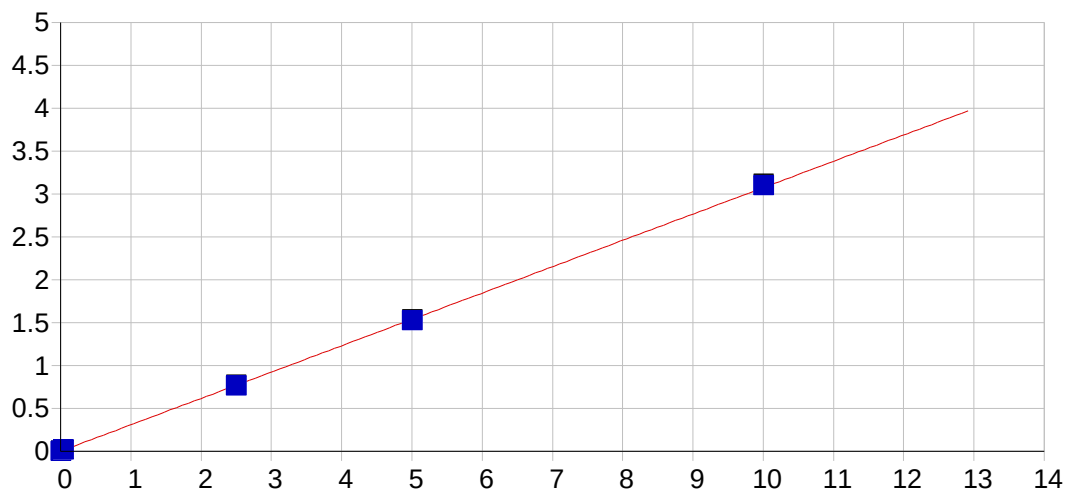


Sn 189.989 {477}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001171 Re-Slope: 1.000000
 A1 (Gain): 0.159868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.001018
 Predicted MQL: 0.003394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00117	.000	1
S1	.04000	.03548	-.005	-11.3	.00684	.000	1
S3	2.5000	2.4104	-.090	-3.58	.38658	.001	1
S4	5.0000	4.8864	-.114	-2.27	.78249	.001	1
S5	10.000	10.208	.208	2.08	1.6333	.005	1



Ti 336.121 {100}

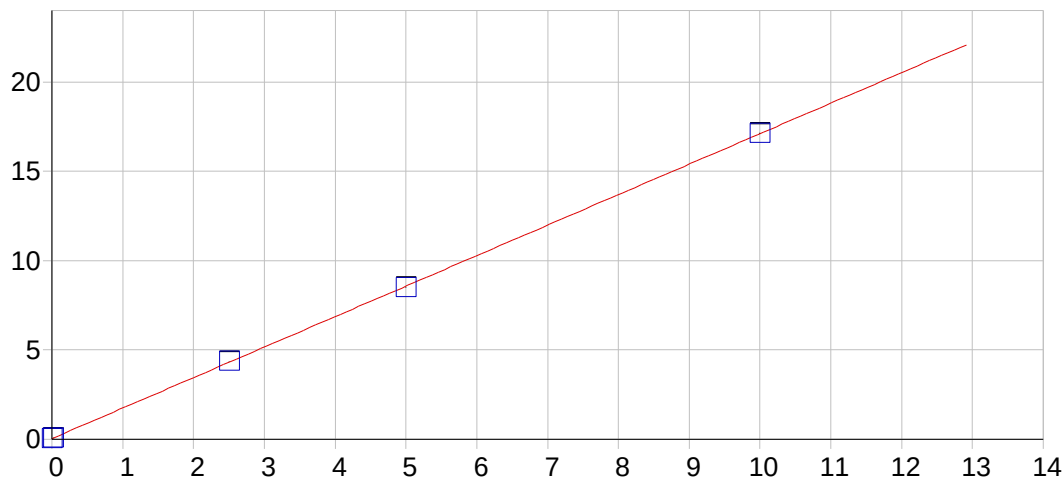
Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002197 Re-Slope: 1.000000
 A1 (Gain): 0.307208 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000110
 Predicted MDL: 0.003707
 Predicted MQL: 0.012356

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00220	.001	1
S1	.04000	.03467	-.005	-13.3	.01284	.001	1
S3	2.5000	2.4774	-.023	-.902	.76319	.008	1
S4	5.0000	4.9532	-.047	-.936	1.5237	.005	1
S5	10.000	10.075	.075	.747	3.0968	.012	1



Li 670.784 { 50}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

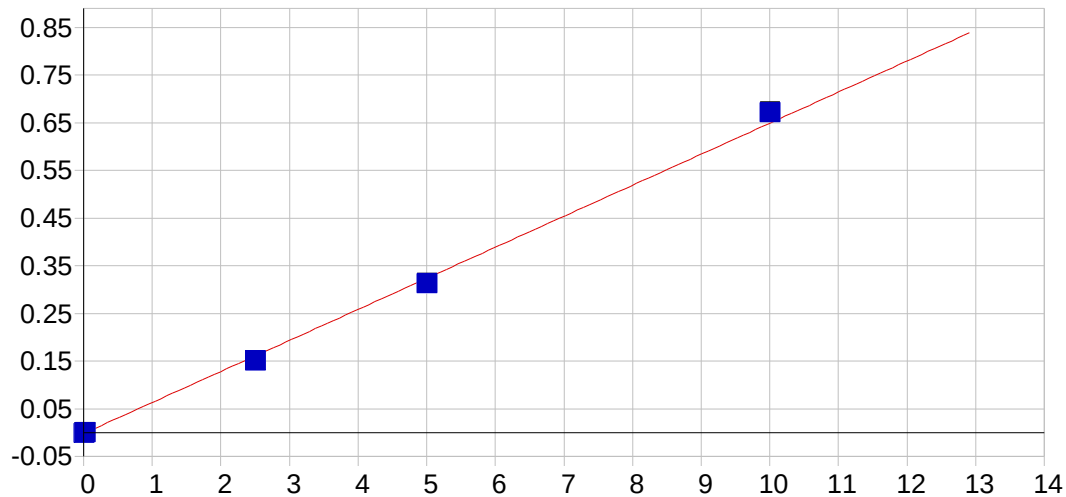
Weighting: 1/Conc

A0 (Offset): 0.039809
 A1 (Gain): 1.706840
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000428
 Predicted MDL: 0.003044
 Predicted MQL: 0.010147

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03980	.007	1
S1	.02000	.02474	.005	23.7	.08203	.003	1
S3	2.5000	2.5306	.031	1.22	4.3591	.019	1
S4	5.0000	4.9564	-.044	-.873	8.4995	.019	1
S5	10.000	10.008	.008	.084	17.122	.038	1

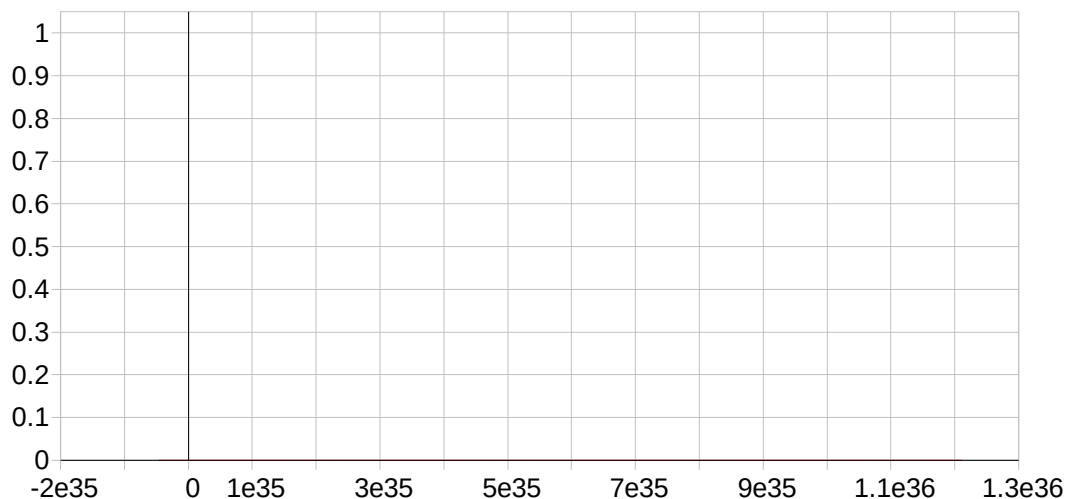


P 177.495 {490}

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002039 Re-Slope: 1.000000
 A1 (Gain): 0.065125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999170 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.002491
 Predicted MQL: 0.008303

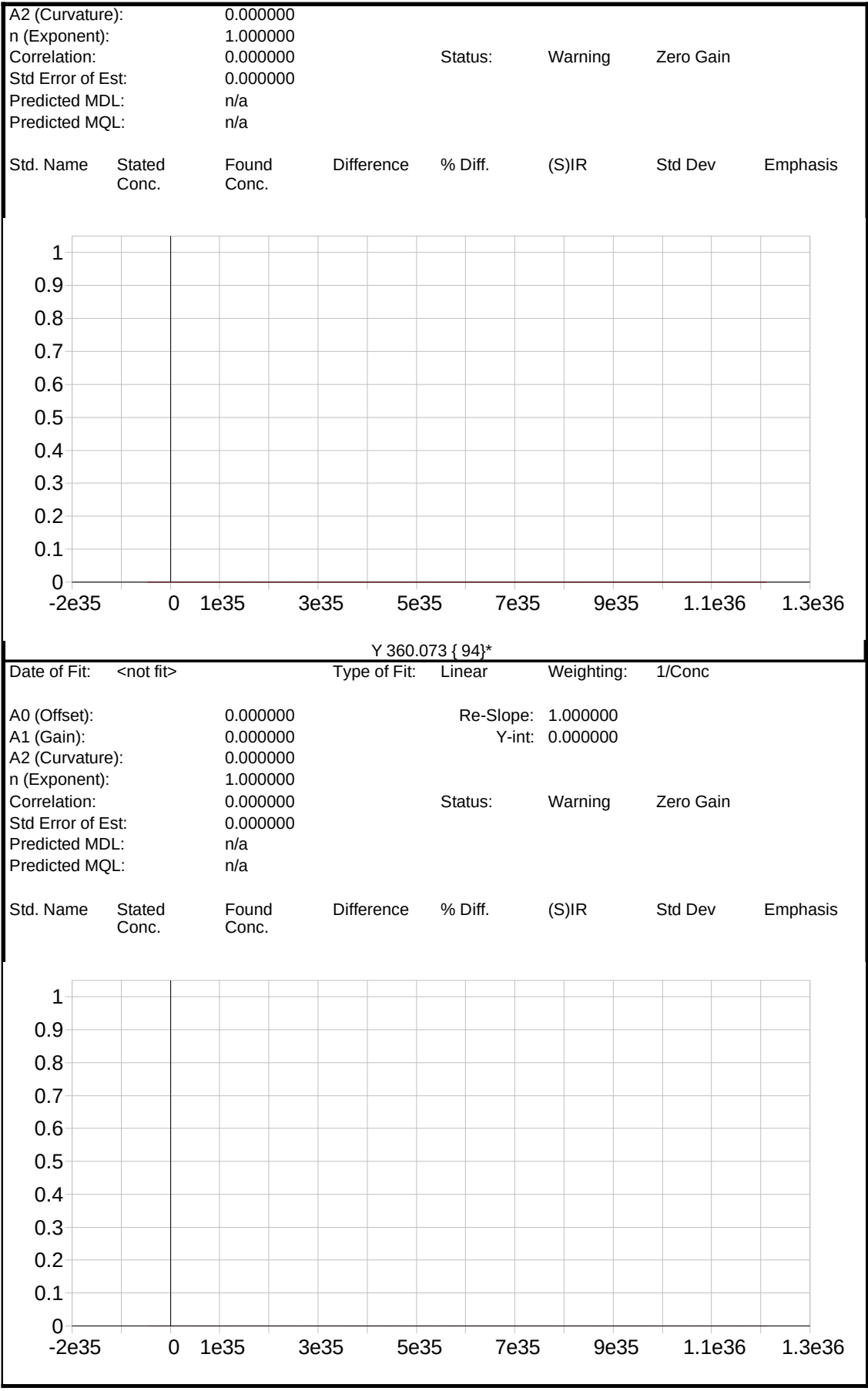
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00204	.000	1
S1	.02000	.01678	-.003	-16.1	-.00095	.000	1
S3	2.5000	2.3385	-.161	-6.46	.15002	.000	1
S4	5.0000	4.8221	-.178	-3.56	.31152	.001	1
S5	10.000	10.343	.343	3.43	.67058	.001	1

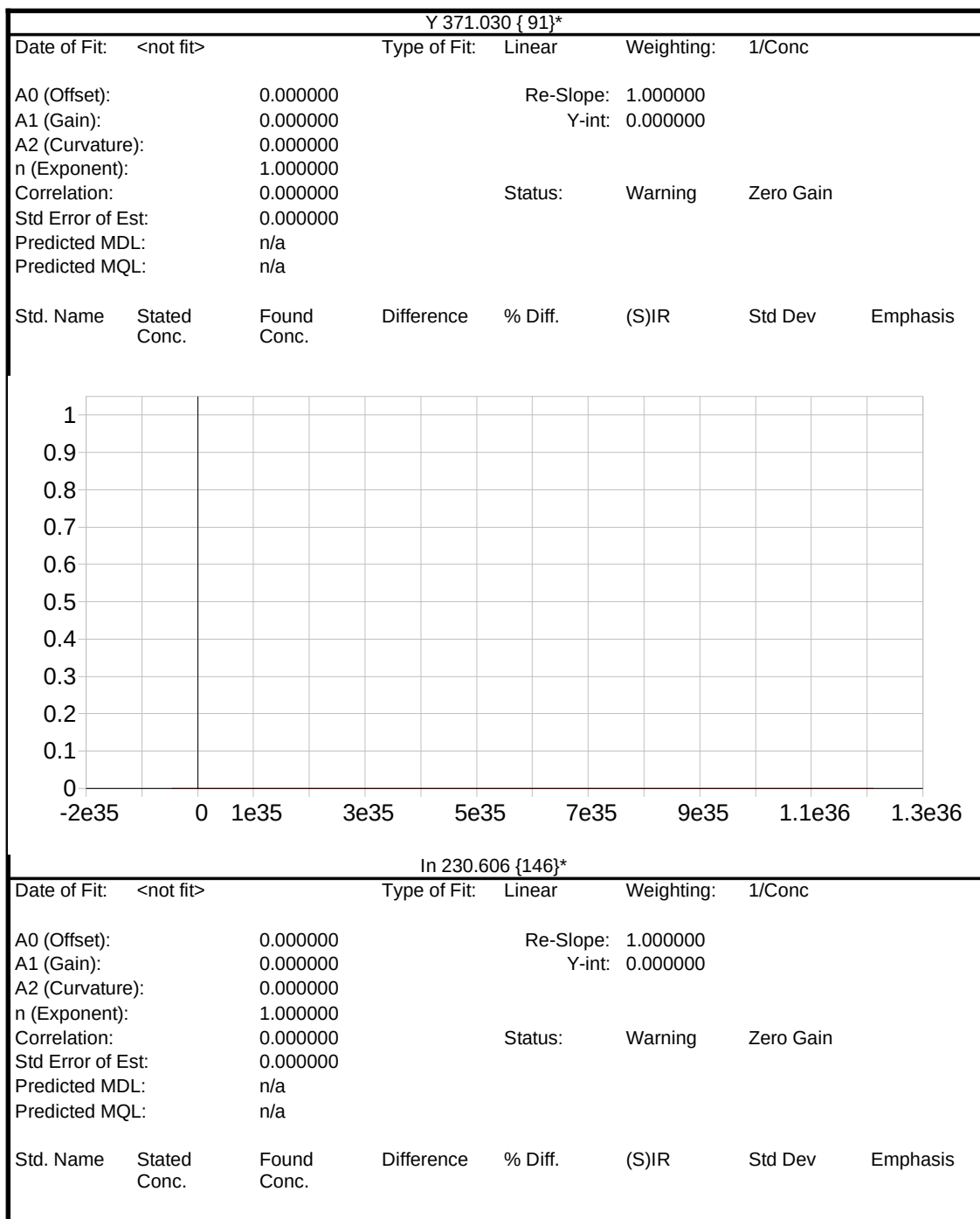


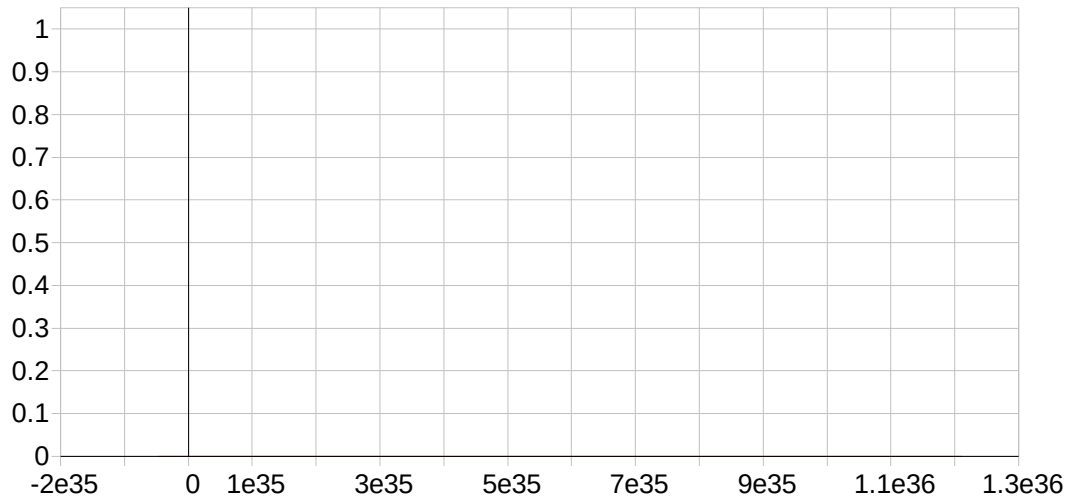
Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

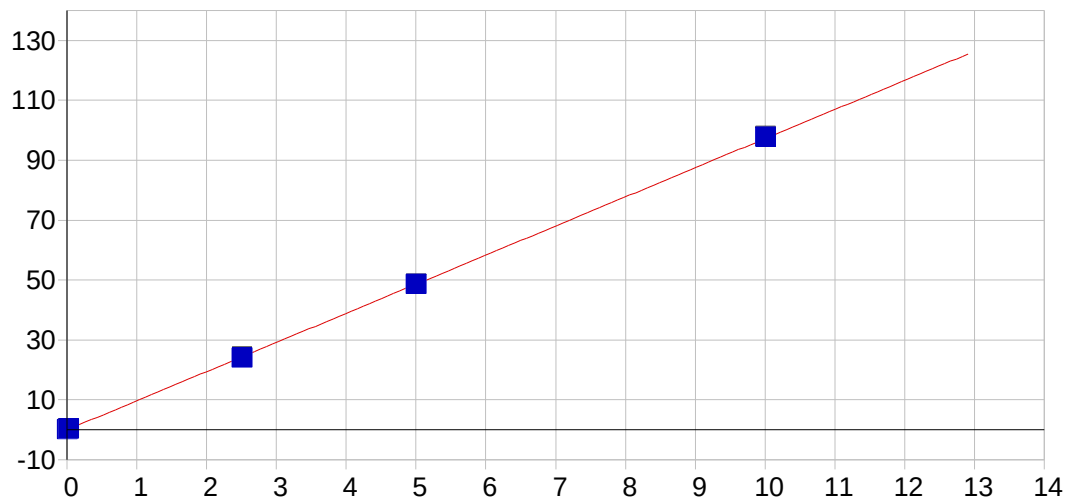
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 8/1/2019 11:34:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004173

Re-Slope: 1.000000

A1 (Gain): 9.722632

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

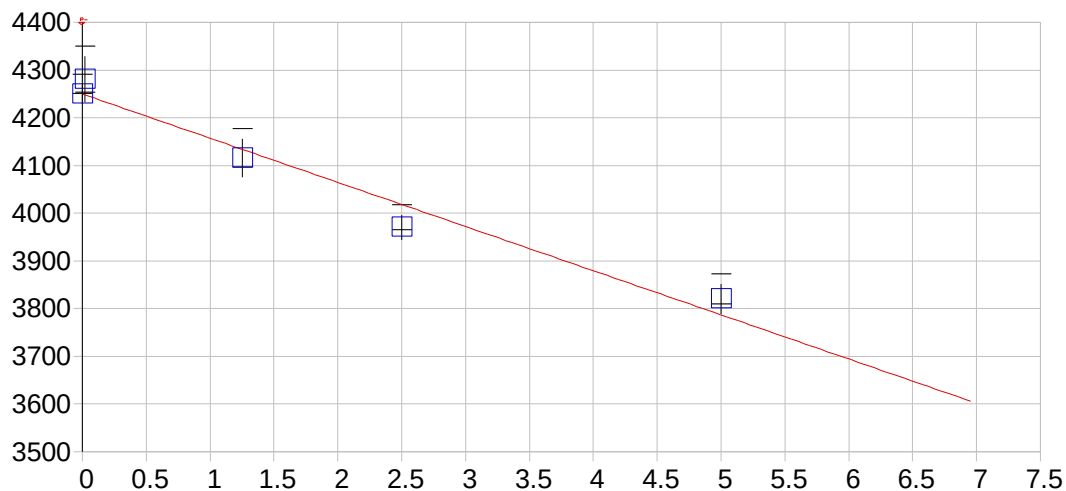
Status: OK.

Std Error of Est: 0.001488

Predicted MDL: 0.000208

Predicted MQL: 0.000693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00419	.002	1
S1	.02000	.02143	.001	7.15	.20525	.004	1
S3	2.5000	2.4707	-.029	-1.17	24.045	.199	1
S4	5.0000	4.9830	-.017	-.339	48.498	.109	1
S5	10.000	10.045	.045	.448	97.765	.237	1

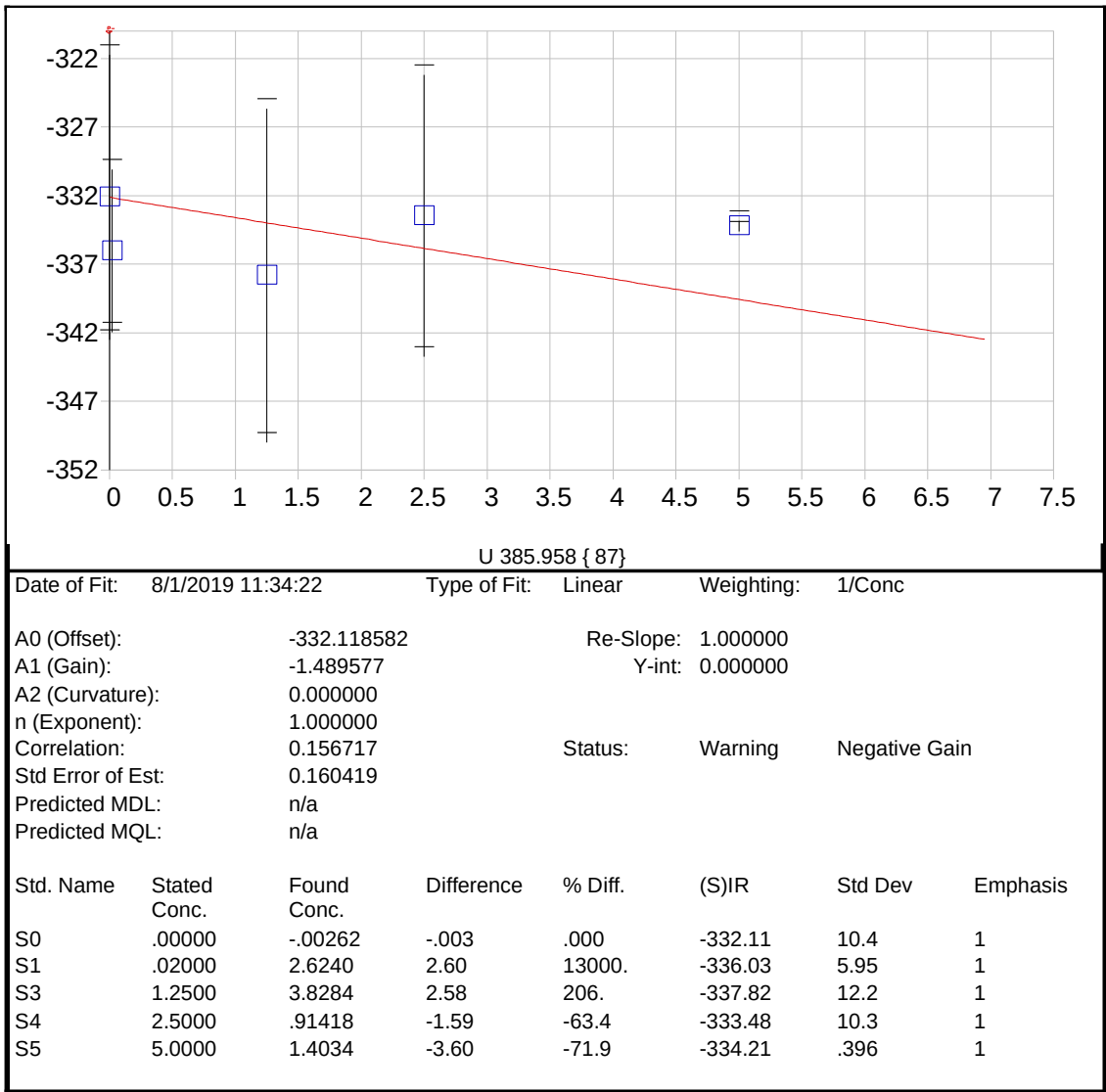


U 367.007 { 92 }

Date of Fit: 8/1/2019 11:34:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4249.730893 Re-Slope: 1.000000
A1 (Gain): -.92553936 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.761553 Status: Warning Negative Gain
Std Error of Est: 1.346006
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	4249.7	20.0	1
S1	.02000	-.33162	-.352	-1760.	4280.4	48.7	1
S3	1.2500	1.4429	.193	15.4	4116.2	40.1	1
S4	2.5000	3.0190	.519	20.8	3970.3	25.7	1
S5	5.0000	4.6397	-.360	-7.21	3820.3	31.5	1



Sample Name: S0 Acquired: 8/1/2019 11:13:08 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00024	-.00165	.00667	-.00054	.00048	.00115	-.00233	-.00016
Stddev	.00027	.00021	.00016	.00015	.00019	.00005	.00005	.00005
%RSD	113.43	12.695	2.4537	27.080	39.656	4.1408	2.2215	29.885

#1	-.00005	-.00144	.00685	-.00039	.00030	.00120	-.00228	-.00010
#2	.00027	-.00167	.00657	-.00053	.00068	.00114	-.00239	-.00018
#3	.00049	-.00185	.00658	-.00069	.00045	.00110	-.00233	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00063	-.00070	.00023	-.00057	.01249	.00143	.00054	.00005
Stddev	.00016	.00066	.00009	.00018	.00017	.00006	.00006	.00003
%RSD	24.590	94.304	38.987	32.284	1.3973	4.0938	11.939	63.775

#1	.00062	-.00080	.00024	-.00059	.01268	.00147	.00057	.00001
#2	.00079	-.00129	.00014	-.00074	.01234	.00137	.00046	.00007
#3	.00048	.00001	.00032	-.00037	.01246	.00146	.00058	.00006

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00946	.00007	.00111	-.00011	.00830	-.00314	-.00012	.00001
Stddev	.00004	.00003	.00023	.00001	.00135	.00032	.00030	.00001
%RSD	.42820	44.077	20.499	12.247	16.305	10.066	256.05	229.36

#1	-.00949	.00009	.00085	-.00009	.00960	-.00350	.00007	.00002
#2	-.00942	.00009	.00128	-.00010	.00841	-.00300	.00004	-.00000
#3	-.00949	.00004	.00120	-.00012	.00690	-.00291	-.00046	-.00000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00088	.01665	.00117	.00220	.03980	-.0020	-.00419	4249.7
Stddev	.00003	.00103	.00010	.00063	.00656	.0001	.00160	20.0
%RSD	3.4005	6.1850	8.5914	28.537	16.470	5.658	38.137	.47155

#1	.00089	.01549	.00107	.00283	.03886	-.0020	-.00500	4226.7
#2	.00090	.01744	.00118	.00157	.04677	-.0022	-.00235	4263.7
#3	.00084	.01702	.00127	.00220	.03377	-.0019	-.00521	4258.7

Sample Name: S0 Acquired: 8/1/2019 11:13:08 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-332.11
Stddev	10.39
%RSD	3.1273

#1	-320.45
#2	-335.53
#3	-340.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.1	32761.	2017.0	32.725	3053.0
Stddev	10.4	137.	13.5	1.156	6.2
%RSD	.38093	.41665	.67001	3.5314	.20424

#1	2730.1	32605.	2003.9	33.770	3046.4
#2	2742.2	32823.	2016.1	31.484	3054.1
#3	2750.9	32856.	2030.9	32.920	3058.7

Sample Name: S1 Acquired: 8/1/2019 11:17:36 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00141	.00341	.00996	.00047	.00653	.00172	.02121	.00529
Stddev	.00009	.00018	.00031	.00003	.00010	.00005	.00010	.00003
%RSD	6.6889	5.2259	3.0743	6.2598	1.6062	2.8812	.46587	.57260

#1	.00149	.00321	.00984	.00050	.00665	.00167	.02112	.00530
#2	.00143	.00356	.01030	.00044	.00650	.00177	.02121	.00525
#3	.00131	.00347	.00973	.00048	.00644	.00173	.02132	.00531

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02416	.00267	.02992	.02682	.01158	.03087	.01505	.00227
Stddev	.00045	.00005	.00027	.00010	.00004	.00029	.00035	.00009
%RSD	1.8684	2.0049	.90330	.37069	.33835	.94854	2.3580	4.1002

#1	.02467	.00271	.02996	.02677	.01160	.03110	.01545	.00219
#2	.02381	.00261	.03017	.02693	.01153	.03097	.01477	.00224
#3	.02401	.00268	.02963	.02675	.01161	.03054	.01493	.00237

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00798	.10289	.11185	.00021	.00142	.26204	.00684	.01284
Stddev	.00012	.00015	.00034	.00005	.00015	.00381	.00010	.00110
%RSD	1.5122	.14868	.30310	23.320	10.477	1.4549	1.4632	8.5696

#1	.00804	.10279	.11198	.00026	.00158	.26577	.00688	.01411
#2	.00785	.10307	.11147	.00017	.00138	.25815	.00692	.01227
#3	.00807	.10282	.11211	.00020	.00128	.26221	.00673	.01215

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08203	-.0010	.20525	4280.4	-336.03
Stddev	.00328	.0001	.00425	48.7	5.95
%RSD	3.9926	7.276	2.0687	1.1383	1.7708

#1	.08476	-.0009	.21009	4301.9	-330.08
#2	.07840	-.0010	.20216	4314.7	-341.98
#3	.08294	-.0010	.20350	4224.7	-336.03

Sample Name: S1 Acquired: 8/1/2019 11:17:36 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.4	32997.	2004.4	31.524	3049.8
Stddev	6.8	85.	27.4	.256	6.4
%RSD	.24696	.25759	1.3686	.81107	.20953
#1	2738.4	33018.	1972.7	31.268	3042.6
#2	2752.0	32904.	2020.8	31.525	3052.2
#3	2745.8	33070.	2019.6	31.780	3054.7

Sample Name: S2 Acquired: 8/1/2019 11:22:08 Type: Cal
 Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09681	.00123	.03681	.00725
Stddev	.00083	.00004	.00036	.00013
%RSD	.85825	3.1803	.96582	1.8456

#1	.09587	.00122	.03643	.00727
#2	.09744	.00120	.03713	.00710
#3	.09713	.00128	.03688	.00737

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	33126.	2040.9
Stddev	71.	14.4
%RSD	.21577	.70457

#1	33187.	2033.7
#2	33142.	2057.4
#3	33047.	2031.5

Sample Name: S3 Acquired: 8/1/2019 11:26:23 Type: Cal
 Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11690	.33425	.69775	.13643	.29568	.02971	1.1670	.10675
Stddev	.00042	.00056	.00144	.00003	.00094	.00041	.0122	.00012
%RSD	.36189	.16608	.20594	.02351	.31655	1.3936	1.0466	.10794
#1	.11715	.33407	.69905	.13644	.29573	.02926	1.1529	.10681
#2	.11714	.33380	.69620	.13639	.29658	.03007	1.1742	.10683
#3	.11641	.33487	.69798	.13645	.29472	.02981	1.1739	.10662
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7826	.55119	.10943	1.2601	.43338	.23557	1.6914	.00686
Stddev	.0023	.00314	.00023	.0007	.00167	.00012	.0035	.00009
%RSD	.04902	.57051	.20637	.05316	.38495	.05072	.20950	1.3813
#1	4.7853	.54789	.10959	1.2607	.43302	.23544	1.6885	.00675
#2	4.7816	.55153	.10954	1.2594	.43520	.23558	1.6954	.00691
#3	4.7809	.55415	.10918	1.2603	.43193	.23568	1.6904	.00691
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.71132	.13302	.21182	.24863	2.7289	.05634	1.3417	.00438
Stddev	.00220	.00017	.00253	.00070	.0027	.00062	.0010	.00004
%RSD	.30882	.12879	1.1958	.28174	.10070	1.0957	.07293	.91573
#1	.71361	.13283	.20923	.24870	2.7320	.05568	1.3409	.00433
#2	.70923	.13316	.21430	.24929	2.7282	.05690	1.3414	.00439
#3	.71112	.13308	.21192	.24790	2.7266	.05645	1.3428	.00441
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07737	1.4838	.38658	.76319	4.3591	.1500	24.045	4116.2
Stddev	.00034	.0151	.00050	.00778	.0186	.0003	.199	40.1
%RSD	.43971	1.0159	.13061	1.0188	.42608	.2098	.82634	.97463
#1	.07701	1.4918	.38634	.75889	4.3540	.1497	23.928	4090.8
#2	.07743	1.4664	.38624	.75851	4.3436	.1500	23.932	4162.4
#3	.07768	1.4933	.38716	.77217	4.3796	.1504	24.274	4095.3

Sample Name: S3 Acquired: 8/1/2019 11:26:23 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-337.82
Stddev	12.18
%RSD	3.6052

#1	-348.94
#2	-324.81
#3	-339.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2719.9	32336.	2027.0	30.238	2892.8
Stddev	4.9	96.	16.1	.653	3.3
%RSD	.17927	.29748	.79623	2.1607	.11569

#1	2720.6	32298.	2011.8	30.512	2891.5
#2	2714.7	32265.	2043.9	30.711	2890.3
#3	2724.4	32446.	2025.3	29.493	2896.6

Sample Name: S4 Acquired: 8/1/2019 11:30:28 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23279	.67228	1.3905	.27093	.58457	.05837	2.3624	.21257
Stddev	.00114	.00132	.0019	.00123	.00143	.00053	.0295	.00089
%RSD	.49148	.19676	.13505	.45246	.24541	.91321	1.2503	.42051

#1	.23387	.67139	1.3892	.27207	.58559	.05775	2.3284	.21192
#2	.23292	.67380	1.3897	.27108	.58520	.05868	2.3817	.21359
#3	.23159	.67165	1.3926	.26964	.58293	.05867	2.3770	.21220

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.6554	1.0861	.21515	2.5268	.83631	.46139	3.3081	.01355
Stddev	.0120	.0030	.00012	.0022	.00259	.00123	.0101	.00034
%RSD	.12392	.27946	.05582	.08566	.30999	.26736	.30481	2.4947

#1	9.6660	1.0833	.21523	2.5244	.83698	.46022	3.3068	.01316
#2	9.6576	1.0856	.21520	2.5276	.83851	.46268	3.3188	.01375
#3	9.6424	1.0893	.21501	2.5285	.83345	.46127	3.2988	.01375

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4288	.26205	.42128	.49513	5.5058	.11658	2.6610	.00879
Stddev	.0026	.00036	.00601	.00221	.0097	.00107	.0031	.00015
%RSD	.18149	.13556	1.4270	.44608	.17579	.91374	.11651	1.6876

#1	1.4309	.26226	.41434	.49276	5.5153	.11543	2.6646	.00862
#2	1.4297	.26225	.42473	.49713	5.5062	.11678	2.6596	.00883
#3	1.4259	.26164	.42477	.49549	5.4960	.11753	2.6589	.00891

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15849	2.9558	.78249	1.5237	8.4995	.3115	48.498	3970.3
Stddev	.00066	.0270	.00066	.0052	.0192	.0011	.109	25.7
%RSD	.41838	.91471	.08479	.33769	.22628	.3448	.22422	.64809

#1	.15925	2.9870	.78319	1.5207	8.5137	.3124	48.372	3996.9
#2	.15818	2.9410	.78241	1.5207	8.4776	.3118	48.554	3968.4
#3	.15803	2.9395	.78187	1.5296	8.5072	.3103	48.567	3945.6

Sample Name: S4 Acquired: 8/1/2019 11:30:28 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-333.48
Stddev	10.27
%RSD	3.0791

#1	-321.67
#2	-340.30
#3	-338.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.0	31951.	2017.6	31.779	2788.1
Stddev	4.6	139.	12.1	1.144	2.0
%RSD	.17095	.43577	.60165	3.6010	.07057

#1	2686.7	32089.	2004.2	32.901	2786.2
#2	2688.1	31811.	2020.8	30.614	2788.0
#3	2695.3	31953.	2027.8	31.824	2790.2

Sample Name: S5 Acquired: 8/1/2019 11:34:27 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.48043	1.3899	2.8939	.55498	1.2018	.11992	4.8884	.43124
Stddev	.00054	.0020	.0044	.00125	.0024	.00080	.0249	.00088
%RSD	.11145	.14570	.15064	.22599	.19597	.66720	.51004	.20490
#1	.48005	1.3878	2.8891	.55403	1.2010	.11904	4.8880	.43026
#2	.48019	1.3918	2.8977	.55449	1.2000	.12060	4.9135	.43147
#3	.48104	1.3900	2.8947	.55640	1.2045	.12012	4.8636	.43198
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	20.217	2.1992	.43362	5.2859	1.6689	.92667	6.6308	.02797
Stddev	.045	.0096	.00092	.0079	.0029	.00065	.0120	.00012
%RSD	.22271	.43623	.21174	.14862	.17104	.07026	.18118	.42977
#1	20.165	2.1887	.43440	5.2768	1.6674	.92595	6.6225	.02787
#2	20.242	2.2011	.43385	5.2913	1.6670	.92684	6.6254	.02810
#3	20.245	2.2076	.43261	5.2894	1.6722	.92722	6.6446	.02793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9768	.53252	.87148	1.0082	11.598	.24374	5.4272	.01817
Stddev	.0069	.00070	.00552	.0013	.019	.00148	.0104	.00014
%RSD	.23022	.13052	.63301	.13149	.16704	.60621	.19127	.75898
#1	2.9689	.53192	.87234	1.0069	11.578	.24375	5.4193	.01828
#2	2.9814	.53328	.87651	1.0096	11.617	.24521	5.4233	.01802
#3	2.9800	.53236	.86558	1.0082	11.599	.24225	5.4390	.01821
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34185	5.8024	1.6333	3.0968	17.122	.6706	97.765	3820.3
Stddev	.00050	.0420	.0050	.0122	.038	.0010	.237	31.5
%RSD	.14723	.72308	.30527	.39435	.22185	.1546	.24200	.82454
#1	.34158	5.7634	1.6287	3.0848	17.082	.6706	97.704	3796.1
#2	.34243	5.7970	1.6386	3.0965	17.157	.6716	98.026	3808.9
#3	.34154	5.8468	1.6328	3.1092	17.128	.6695	97.564	3855.9

Sample Name: S5 Acquired: 8/1/2019 11:34:27 Type: Cal
Method: P4-ICP2(v3310) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-334.21
Stddev	.40
%RSD	.11858

#1	-333.93
#2	-334.03
#3	-334.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.6	31312.	2020.4	29.852	2629.0
Stddev	2.0	109.	2.4	.518	4.1
%RSD	.07663	.34918	.11792	1.7337	.15666

#1	2624.8	31253.	2017.7	30.091	2630.3
#2	2626.4	31245.	2021.4	29.259	2624.4
#3	2628.8	31438.	2022.1	30.208	2632.3

Sample Name: ICV01 Acquired: 8/1/2019 11:45:16 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0074	1.0238	.99621	1.0276	1.0205	2.5211	.50850	.50031
Stddev	.0037	.0045	.00171	.0073	.0043	.0189	.00594	.00088
%RSD	.36370	.43845	.17203	.70969	.41906	.74956	1.1686	.17652
#1	1.0046	1.0261	.99428	1.0289	1.0165	2.5045	.50168	.50132
#2	1.0062	1.0266	.99679	1.0341	1.0250	2.5173	.51132	.49989
#3	1.0116	1.0186	.99756	1.0197	1.0200	2.5417	.51252	.49971
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48693	10.274	.51378	.50519	.53467	5.2102	.51877	6.0812
Stddev	.00179	.060	.00167	.00185	.00139	.0052	.00294	.0254
%RSD	.36773	.58166	.32442	.36581	.26070	.09950	.56662	.41741
#1	.48706	10.297	.51227	.50508	.53343	5.2104	.51561	6.1038
#2	.48866	10.318	.51557	.50709	.53618	5.2050	.51928	6.0538
#3	.48508	10.206	.51349	.50340	.53441	5.2154	.52142	6.0861
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50519	.46841	10.100	.50273	.98950	9.9029	2.5737	2.4772
Stddev	.00122	.00285	.092	.00236	.00427	.0709	.0086	.0115
%RSD	.24163	.60754	.91287	.46854	.43131	.71581	.33566	.46603
#1	.50565	.46957	9.9936	.50511	.98959	9.8355	2.5701	2.4766
#2	.50611	.47050	10.144	.50040	.99372	9.8965	2.5836	2.4659
#3	.50380	.46517	10.161	.50267	.98519	9.9768	2.5675	2.4890
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .20374	2.5247	2.4670	2.5250	F .20915	F .1987	F .21522	F 2.1281
Stddev	.00471	.0174	.0090	.0073	.00244	.0005	.00084	.5938
%RSD	2.3122	.68931	.36607	.28978	1.1653	.2290	.38852	27.900
#1	.20176	2.5442	2.4638	2.5175	.21099	.1983	.21617	2.8123
#2	.20912	2.5190	2.4771	2.5255	.20639	.1992	.21490	1.8240
#3	.20035	2.5109	2.4599	2.5321	.21007	.1987	.21459	1.7481

Sample Name: ICV01 Acquired: 8/1/2019 11:45:16 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.8224
Stddev 4.7361
%RSD 69.419

#1 11.563
#2 6.8135
#3 2.0908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.3	32949.	2080.0	32.685	2971.6
Stddev	15.3	97.	16.4	.951	19.1
%RSD	.55771	.29583	.79011	2.9102	.64307

#1	2730.9	33062.	2063.1	31.727	2960.0
#2	2730.0	32901.	2081.0	33.630	2961.2
#3	2756.9	32886.	2095.9	32.698	2993.7

Sample Name: LLICV01 Acquired: 8/1/2019 11:49:23 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02074	.03888	.00998	.02166	.05138	.08897	.10056	.00642
Stddev	.00379	.00132	.00034	.00529	.00350	.01312	.00109	.00009
%RSD	18.288	3.4061	3.3557	24.420	6.8120	14.747	1.0803	1.3396
#1	.02469	.04040	.00980	.01752	.05166	.07674	.09961	.00643
#2	.01713	.03798	.00979	.01984	.05473	.10283	.10032	.00650
#3	.02040	.03825	.01037	.02762	.04775	.08733	.10175	.00633
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	2.0538	.01077	.03036	.02127	.10914	.02227	2.0198
Stddev	.00013	.0037	.00028	.00016	.00030	.00050	.00020	.0551
%RSD	2.1500	.18258	2.5886	.52898	1.3898	.45585	.89435	2.7292
#1	.00595	2.0575	.01107	.03048	.02157	.10926	.02244	1.9617
#2	.00570	2.0500	.01052	.03042	.02099	.10956	.02231	2.0262
#3	.00583	2.0540	.01071	.03018	.02124	.10859	.02205	2.0714
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04196	.01050	1.9589	.04127	.04252	1.9536	.20856	.09682
Stddev	.00024	.00014	.0259	.00055	.00027	.0129	.00176	.01900
%RSD	.57636	1.3065	1.3242	1.3292	.64309	.65837	.84458	19.626
#1	.04224	.01034	1.9338	.04190	.04252	1.9685	.21055	.09323
#2	.04178	.01057	1.9572	.04103	.04279	1.9454	.20795	.07987
#3	.04187	.01059	1.9856	.04089	.04224	1.9470	.20719	.11736
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01682	.40468	.03759	.03395	.02244	.0174	.02126	F 1.9554
Stddev	.00151	.00436	.00093	.00287	.00133	.0007	.00025	.2937
%RSD	8.9879	1.0769	2.4840	8.4466	5.9499	4.106	1.1962	15.018
#1	.01847	.40817	.03651	.03484	.02378	.0165	.02100	1.8591
#2	.01650	.40607	.03813	.03626	.02111	.0177	.02127	1.7220
#3	.01550	.39979	.03812	.03074	.02241	.0178	.02151	2.2852

Sample Name: LLICV01 Acquired: 8/1/2019 11:49:23 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 8.3055
Stddev 5.7136
%RSD 68.793

#1 13.055
#2 1.9652
#3 9.8960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.9	33563.	2071.2	32.904	3060.5
Stddev	12.6	73.	13.5	.714	6.8
%RSD	.45815	.21605	.64992	2.1697	.22174

#1	2750.4	33627.	2059.8	32.525	3053.9
#2	2757.2	33484.	2067.8	32.459	3060.1
#3	2774.9	33578.	2086.0	33.727	3067.4

Sample Name: ICB01 Acquired: 8/1/2019 11:53:50 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	-.00092	-.00134	.00123	-.00095	-.01796	.00080	.00001
Stddev	.00158	.00058	.00069	.00500	.00070	.00881	.00072	.00005
%RSD	45.291	63.386	51.618	407.85	73.977	49.084	89.296	775.28
#1	.00255	-.00026	-.00119	-.00373	-.00031	-.02072	.00161	.00003
#2	.00260	-.00112	-.00209	.00114	-.00083	-.02506	.00024	.00004
#3	.00531	-.00138	-.00073	.00627	-.00171	-.00809	.00056	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01862	.00054	.00013	-.00117	-.00102	-.00006	-.03687
Stddev	.00006	.01479	.00063	.00032	.00020	.00061	.00006	.06135
%RSD	73.088	79.456	114.86	250.74	16.792	59.157	95.888	166.39
#1	-.00011	.02794	.00114	-.00024	-.00113	-.00137	-.00006	-.04956
#2	-.00011	.02635	.00060	.00027	-.00138	-.00032	-.00013	.02983
#3	-.00001	.00156	-.00011	.00035	-.00100	-.00138	-.00001	-.09088
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00027	-.05749	.00007	-.00198	-.00446	.00002	.00720
Stddev	.00016	.00036	.01206	.00039	.00009	.11484	.00032	.01955
%RSD	47.840	134.84	20.982	531.92	4.3003	2573.0	1838.7	271.68
#1	.00047	-.00001	-.04395	-.00025	-.00205	-.09434	-.00023	.02015
#2	.00016	.00014	-.06710	.00051	-.00189	.12491	.00037	.01674
#3	.00035	.00067	-.06143	-.00004	-.00201	-.04396	-.00010	-.01530
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	-.00233	-.00181	-.00077	.00244	-.0032	-.00019	F 1.5432
Stddev	.00493	.00185	.00115	.00432	.00188	.0004	.00003	.2550
%RSD	141.55	79.121	63.948	560.97	76.866	13.63	18.179	16.524
#1	.00115	-.00244	-.00303	-.00529	.00058	-.0027	-.00019	1.5990
#2	-.00293	-.00044	-.00166	.00331	.00433	-.0036	-.00015	1.7656
#3	-.00866	-.00413	-.00073	-.00033	.00241	-.0034	-.00022	1.2649

Sample Name: ICB01 Acquired: 8/1/2019 11:53:50 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.2752
Stddev 9.6615
%RSD 225.99

#1 4.3288
#2 13.910
#3 -5.4130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.3	33453.	2078.2	34.130	3059.5
Stddev	6.7	62.	5.2	.898	9.7
%RSD	.24440	.18663	.25095	2.6302	.31553

#1	2759.0	33490.	2072.2	34.464	3054.9
#2	2766.1	33489.	2080.4	34.814	3070.6
#3	2752.6	33381.	2081.9	33.114	3053.1

Sample Name: CRI01 Acquired: 8/1/2019 11:58:19 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01884	.03975	.00971	.02301	.05300	.07734	.10058	.00641
Stddev	.00236	.00231	.00163	.00326	.00171	.03027	.00075	.00013
%RSD	12.506	5.8155	16.810	14.182	3.2198	39.143	.74381	2.0661
#1	.02155	.04190	.01104	.02631	.05497	.10268	.09974	.00635
#2	.01770	.03731	.01021	.02292	.05192	.08554	.10116	.00633
#3	.01727	.04004	.00789	.01979	.05212	.04381	.10085	.00657
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	2.1129	.01139	.02995	.02141	.10866	.02218	1.9996
Stddev	.00005	.0932	.00063	.00022	.00047	.00043	.00009	.0431
%RSD	.87046	4.4121	5.4956	.73253	2.2126	.39189	.38861	2.1542
#1	.00590	2.2170	.01199	.02992	.02089	.10857	.02211	2.0136
#2	.00592	2.0845	.01143	.02975	.02151	.10828	.02228	1.9513
#3	.00582	2.0371	.01074	.03018	.02182	.10912	.02215	2.0340
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04181	.01096	1.9602	.04162	.04176	1.9255	.20682	.09273
Stddev	.00039	.00032	.0130	.00049	.00016	.0167	.00019	.01293
%RSD	.92198	2.9048	.66096	1.1878	.37347	.86951	.09043	13.940
#1	.04178	.01061	1.9457	.04174	.04188	1.9446	.20675	.08135
#2	.04144	.01122	1.9707	.04107	.04181	1.9187	.20668	.10679
#3	.04221	.01106	1.9641	.04204	.04158	1.9133	.20704	.09005
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01575	.39273	.03568	.03565	.02061	.0150	.02127	F 2.6862
Stddev	.00660	.01271	.00043	.00070	.00390	.0006	.00068	.0075
%RSD	41.888	3.2363	1.1975	1.9715	18.906	3.923	3.1910	.27924
#1	.02090	.40729	.03524	.03484	.02486	.0157	.02205	2.6879
#2	.01804	.38388	.03610	.03602	.01721	.0149	.02097	2.6780
#3	.00831	.38701	.03570	.03609	.01977	.0145	.02079	2.6928

Sample Name: CRI01 Acquired: 8/1/2019 11:58:19 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 11.138
 Stddev 3.185
 %RSD 28.592

#1 9.3346
 #2 9.2652
 #3 14.816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2768.0	33602.	2082.9	32.767	3060.3
Stddev	4.1	67.	65.5	.727	5.1
%RSD	.14714	.20021	3.1433	2.2199	.16611

#1	2766.3	33525.	2007.4	32.164	3055.2
#2	2765.1	33650.	2117.4	32.564	3060.5
#3	2772.7	33630.	2123.9	33.575	3065.3

Sample Name: ICSA01 Acquired: 8/1/2019 12:02:46 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01150	-.00761	.00635	.00840	.00740	273.45	.02165	-.00010
Stddev	.00209	.00084	.00220	.00207	.00426	1.13	.00035	.00015
%RSD	18.187	11.021	34.632	24.641	57.583	.41406	1.6139	152.59
#1	.01273	-.00852	.00388	.01012	.01163	272.40	.02162	-.00022
#2	.00908	-.00741	.00809	.00610	.00310	273.31	.02132	-.00013
#3	.01267	-.00688	.00707	.00898	.00748	274.65	.02201	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	254.30	.05451	.00283	-.01413	98.818	.01951	277.95
Stddev	.00012	.46	.00041	.00040	.00124	.347	.00016	1.90
%RSD	5.2022	.18283	.75971	14.079	8.7630	.35113	.82668	.68288
#1	.00229	253.98	.05404	.00304	-.01525	99.204	.01948	275.76
#2	.00246	254.08	.05465	.00306	-.01280	98.719	.01968	279.00
#3	.00223	254.83	.05483	.00237	-.01435	98.531	.01936	279.09
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	-.00016	.04610	.00464	-.01089	-.01134	.00562	.00395
Stddev	.00066	.00074	.01651	.00056	.00021	.03656	.00041	.02340
%RSD	39.726	477.64	35.811	11.963	1.9274	322.44	7.3396	592.00
#1	-.00090	-.00074	.03658	.00513	-.01105	.01005	.00569	-.02304
#2	-.00195	.00068	.03655	.00476	-.01065	.00948	.00599	.01851
#3	-.00212	-.00042	.06516	.00404	-.01096	-.05355	.00517	.01639
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01863	F 4.9386	.01272	.00142	.01068	.0058	.00639	7.3563
Stddev	.00564	.0176	.00054	.00236	.00254	.0048	.00105	.1624
%RSD	30.288	.35749	4.2196	165.74	23.784	82.56	16.407	2.2072
#1	.01213	4.9578	.01254	-.00101	.00915	.0080	.00523	7.4037
#2	.02152	4.9348	.01230	.00371	.00927	.0092	.00665	7.1755
#3	.02224	4.9231	.01333	.00157	.01361	.0003	.00728	7.4896

Sample Name: ICSA01 Acquired: 8/1/2019 12:02:46 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9552
Stddev 4.1471
%RSD 140.33

#1 .93809
#2 7.7250
#3 .20257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.8	30298.	2014.3	30.707	2518.8
Stddev	5.0	97.	14.1	1.635	3.9
%RSD	.19626	.32114	.69882	5.3232	.15566

#1	2536.0	30193.	1998.2	28.907	2519.2
#2	2533.9	30318.	2020.6	32.098	2514.6
#3	2543.4	30385.	2024.1	31.116	2522.4

Sample Name: ICSAB01 Acquired: 8/1/2019 12:07:26 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09985	.08712	.05346	.05467	.63965	270.17	.56099	.55994
Stddev	.00144	.00284	.00195	.00096	.00325	1.59	.00533	.00081
%RSD	1.4372	3.2560	3.6562	1.7485	.50745	.58897	.95082	.14518
#1	.09825	.08862	.05136	.05462	.63591	268.56	.55485	.56073
#2	.10102	.08385	.05380	.05566	.64144	270.20	.56369	.56000
#3	.10028	.08889	.05523	.05375	.64161	271.74	.56444	.55910
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0349	251.81	.57771	.52105	.49201	98.257	.52969	273.86
Stddev	.0014	1.97	.00115	.00109	.00114	.700	.00145	2.78
%RSD	.13950	.78209	.19930	.21006	.23159	.71264	.27395	1.0148
#1	1.0332	251.55	.57847	.52023	.49102	99.055	.53137	270.67
#2	1.0354	249.99	.57828	.52230	.49326	97.971	.52877	275.13
#3	1.0360	253.90	.57639	.52063	.49177	97.746	.52895	275.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0202	.22138	.00652	.53311	1.0875	.03133	1.0698	1.0904
Stddev	.0006	.00040	.01130	.00269	.0010	.02132	.0033	.0172
%RSD	.05740	.18045	173.25	.50413	.09403	68.066	.31101	1.5788
#1	1.0195	.22142	.00846	.53395	1.0865	.04344	1.0701	1.0753
#2	1.0204	.22175	-.00562	.53527	1.0875	.00671	1.0729	1.0869
#3	1.0206	.22096	.01673	.53010	1.0885	.04384	1.0663	1.1091
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .47067	F 5.8060	1.1107	1.0744	F .45883	F .4576	F .48752	7.8345
Stddev	.00188	.0428	.0029	.0102	.00408	.0042	.00553	.1384
%RSD	.39982	.73780	.25863	.94931	.88942	.9236	1.1334	1.7660
#1	.46898	5.8554	1.1118	1.0818	.46018	.4527	.48628	7.9173
#2	.47270	5.7786	1.1129	1.0628	.45425	.4601	.48272	7.6747
#3	.47034	5.7840	1.1075	1.0787	.46206	.4600	.49356	7.9114

Sample Name: ICSAB01 Acquired: 8/1/2019 12:07:26 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9061
Stddev	3.8014
%RSD	97.320

#1	8.1772
#2	.89354
#3	2.6475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.7	30356.	2014.6	30.185	2517.3
Stddev	8.6	95.	23.1	2.002	4.9
%RSD	.33821	.31344	1.1483	6.6307	.19383

#1	2537.5	30259.	1990.1	28.233	2516.4
#2	2540.0	30361.	2036.1	32.233	2512.9
#3	2553.5	30449.	2017.5	30.090	2522.5

Sample Name: CCV01 Acquired: 8/1/2019 12:11:52 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0361	4.9254	4.9066	4.9648	4.9408	9.7080	9.9022	.25047
Stddev	.0187	.0037	.0093	.0061	.0097	.0432	.0550	.00093
%RSD	.37146	.07521	.19006	.12305	.19696	.44448	.55529	.37297
#1	5.0253	4.9289	4.9013	4.9708	4.9331	9.6652	9.8490	.25122
#2	5.0577	4.9215	4.9173	4.9585	4.9517	9.7515	9.9588	.25076
#3	5.0253	4.9259	4.9011	4.9651	4.9374	9.7072	9.8989	.24942
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4340	24.684	.98453	2.4605	1.2428	4.9701	2.4386	24.706
Stddev	.0034	.072	.00108	.0036	.0032	.0084	.0031	.335
%RSD	.14053	.29220	.10983	.14541	.25323	.16915	.12796	1.3555
#1	2.4344	24.607	.98547	2.4575	1.2460	4.9768	2.4390	24.333
#2	2.4371	24.750	.98477	2.4645	1.2397	4.9607	2.4415	24.982
#3	2.4303	24.696	.98335	2.4597	1.2427	4.9729	2.4353	24.803
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4388	1.2405	24.577	2.4729	2.4581	24.167	4.9564	4.7857
Stddev	.0014	.0031	.127	.0055	.0048	.171	.0184	.0486
%RSD	.05586	.24662	.51817	.22318	.19418	.70780	.37214	1.0164
#1	2.4373	1.2389	24.436	2.4761	2.4550	23.981	4.9552	4.7519
#2	2.4396	1.2440	24.683	2.4762	2.4636	24.318	4.9754	4.8414
#3	2.4396	1.2386	24.612	2.4666	2.4557	24.202	4.9386	4.7637
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8970	4.9074	4.9100	4.9259	4.8111	4.963	4.9569	F 5.4083
Stddev	.0085	.0132	.0127	.0212	.0117	.004	.0069	.1639
%RSD	.17266	.26968	.25808	.43052	.24294	.0905	.13910	3.0310
#1	4.8873	4.9225	4.9204	4.9320	4.8163	4.964	4.9648	5.5850
#2	4.9027	4.8977	4.8959	4.9433	4.7978	4.958	4.9535	5.2611
#3	4.9009	4.9020	4.9137	4.9023	4.8193	4.966	4.9523	5.3788

Sample Name: CCV01 Acquired: 8/1/2019 12:11:52 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 16.689
Stddev 5.091
%RSD 30.505

#1 18.906
#2 20.295
#3 10.865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.6	32363.	2064.8	32.745	2777.5
Stddev	11.4	56.	13.1	.799	10.2
%RSD	.42474	.17202	.63588	2.4391	.36733

#1	2674.1	32309.	2050.1	33.657	2771.1
#2	2670.2	32360.	2075.5	32.408	2772.3
#3	2691.6	32420.	2068.8	32.171	2789.3

Sample Name: LLCCV01 Acquired: 8/1/2019 12:34:20 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02128	.04084	.01051	.02169	.05361	.11175	.10941	.00683
Stddev	.00544	.00023	.00058	.00062	.00129	.02166	.00193	.00007
%RSD	25.567	.55430	5.4877	2.8798	2.4007	19.386	1.7680	1.0081
#1	.01775	.04108	.01079	.02135	.05477	.13508	.10728	.00677
#2	.01854	.04063	.00984	.02241	.05384	.10790	.10992	.00690
#3	.02755	.04081	.01089	.02130	.05223	.09226	.11104	.00680
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	2.2212	.01145	.03089	.02160	.11302	.02305	2.1222
Stddev	.00003	.0042	.00021	.00019	.00071	.00179	.00011	.0550
%RSD	.52162	.19018	1.8643	.61616	3.2654	1.5810	.47367	2.5923
#1	.00602	2.2171	.01126	.03111	.02203	.11112	.02315	2.0893
#2	.00604	2.2256	.01142	.03077	.02079	.11326	.02293	2.1857
#3	.00598	2.2210	.01168	.03079	.02200	.11467	.02306	2.0916
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04269	.01101	2.1018	.04255	.03968	2.0643	.21670	.08041
Stddev	.00022	.00030	.0441	.00062	.00019	.0804	.00047	.03032
%RSD	.51250	2.6977	2.0981	1.4600	.48029	3.8947	.21684	37.706
#1	.04288	.01120	2.0559	.04318	.03988	2.1542	.21699	.10204
#2	.04245	.01116	2.1438	.04194	.03950	2.0394	.21695	.09342
#3	.04275	.01067	2.1057	.04254	.03965	1.9993	.21616	.04575
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01575	.44619	.03827	.04252	.02385	F .0157	.02227	F 3.7415
Stddev	.00349	.00352	.00112	.00210	.00089	.0006	.00028	.3201
%RSD	22.161	.78982	2.9224	4.9501	3.7393	3.889	1.2741	8.5563
#1	.01880	.44816	.03697	.04394	.02341	.0162	.02203	3.3722
#2	.01652	.44212	.03890	.04010	.02488	.0159	.02258	3.9400
#3	.01194	.44828	.03892	.04350	.02326	.0150	.02221	3.9124

Sample Name: LLCCV01 Acquired: 8/1/2019 12:34:20 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.9149
Stddev 8.5683
%RSD 108.26

#1 12.883
#2 12.841
#3 -1.9789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.7	33152.	2091.9	33.831	3023.3
Stddev	6.7	128.	15.0	.324	4.8
%RSD	.24658	.38674	.71749	.95739	.16034

#1	2725.1	33028.	2074.6	33.505	3022.8
#2	2729.6	33144.	2101.3	33.836	3028.3
#3	2716.4	33284.	2099.9	34.152	3018.7

Sample Name: CCB01 Acquired: 8/1/2019 12:44:31 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	-.00211	-.00232	-.00075	-.00154	-.03495	.00112	.00003
Stddev	.00168	.00026	.00021	.00619	.00372	.01273	.00013	.00004
%RSD	51.029	12.519	8.8462	821.72	241.74	36.438	11.237	178.80
#1	.00511	-.00208	-.00244	-.00784	.00259	-.03899	.00105	.00007
#2	.00182	-.00186	-.00244	.00362	-.00465	-.02068	.00127	.00002
#3	.00292	-.00239	-.00208	.00196	-.00256	-.04518	.00104	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.02310	.00016	.00011	-.00120	-.00069	-.00014	-.05308
Stddev	.00001	.03717	.00070	.00034	.00040	.00107	.00006	.03098
%RSD	12.646	160.92	438.94	293.07	33.594	154.79	46.596	58.364
#1	-.00013	.01837	-.00015	.00023	-.00131	.00052	-.00007	-.01731
#2	-.00010	-.03426	-.00033	-.00026	-.00153	-.00152	-.00019	-.07147
#3	-.00012	-.05341	.00096	.00038	-.00075	-.00107	-.00015	-.07046
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00016	-.06723	-.00029	-.00234	.02564	.00001	-.00928
Stddev	.00028	.00062	.00384	.00061	.00016	.03546	.00008	.02096
%RSD	67.408	386.16	5.7045	209.88	6.8426	138.29	540.15	225.71
#1	.00026	.00088	-.06687	-.00096	-.00238	-.01518	.00002	-.00413
#2	.00074	-.00024	-.06359	.00021	-.00247	.04325	.00009	.00861
#3	.00024	-.00015	-.07123	-.00011	-.00216	.04885	-.00007	-.03234
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00479	-.00310	-.00259	-.00468	-.00076	-.0021	-.00011	F 4.2916
Stddev	.00332	.00435	.00106	.00136	.00046	.0003	.00003	.3823
%RSD	69.266	140.27	40.982	29.138	59.987	14.97	23.082	8.9076
#1	-.00118	-.00214	-.00147	-.00343	-.00037	-.0020	-.00014	4.7330
#2	-.00770	-.00785	-.00358	-.00613	-.00064	-.0024	-.00009	4.0709
#3	-.00549	.00069	-.00272	-.00448	-.00126	-.0018	-.00010	4.0709

Sample Name: CCB01 Acquired: 8/1/2019 12:44:31 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 16.245
Stddev 4.829
%RSD 29.729

#1 19.189
#2 10.672
#3 18.876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.2	33559.	2090.9	33.480	3041.4
Stddev	.7	45.	15.6	.792	3.2
%RSD	.02666	.13281	.74408	2.3661	.10531

#1	2739.0	33587.	2097.8	32.643	3042.3
#2	2738.0	33582.	2073.1	34.218	3044.1
#3	2737.6	33508.	2101.9	33.580	3037.9

Sample Name: LR CHECK 1 Acquired: 8/1/2019 12:49:00 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08109	-.16748	-.01722	-.11071	.05704	2010.8	.01259	.03454
Stddev	.00410	.00487	.00387	.00435	.00434	7.1	.00024	.00038
%RSD	5.0596	2.9062	22.505	3.9300	7.6020	.35240	1.9424	1.0955

#1	-.08108	-.16792	-.01277	-.11123	.05261	2004.7	.01273	.03470
#2	-.07699	-.16241	-.01988	-.11478	.06128	2009.2	.01230	.03481
#3	-.08519	-.17211	-.01899	-.10613	.05722	2018.6	.01272	.03410

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09815	1708.1	-.07151	.08058	1.2440	982.92	.00747	1943.6
Stddev	.00099	13.4	.00068	.00036	.0009	3.29	.00018	8.3
%RSD	1.0116	.78677	.95489	.44461	.07297	.33494	2.4208	.42760

#1	.09924	1722.0	-.07158	.08034	1.2440	980.14	.00757	1934.2
#2	.09731	1695.1	-.07079	.08099	1.2450	982.07	.00726	1946.2
#3	.09790	1707.2	-.07215	.08041	1.2431	986.56	.00758	1950.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05018	4.6800	1886.4	.00603	.11181	1096.0	-.01933	-1.0121
Stddev	.00217	.0172	4.6	.00028	.00079	3.7	.00110	.0257
%RSD	4.3231	.36670	.24234	4.6740	.70976	.34110	5.7152	2.5383

#1	.05138	4.6652	1881.3	.00602	.11217	1092.8	-.01853	-1.0029
#2	.05148	4.6760	1887.7	.00631	.11090	1095.1	-.02059	-.99227
#3	.04767	4.6988	1890.2	.00575	.11235	1100.1	-.01886	-1.0411

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42929	49.111	.06048	-.06395	.03791	.0482	-1.0669	.01230
Stddev	.00412	.165	.00336	.00296	.00464	.0060	.0037	.18791
%RSD	.96015	.33541	5.5601	4.6315	12.240	12.51	.35131	1527.9

#1	.43251	48.974	.06334	-.06306	.03398	.0417	-1.0635	-1.10453
#2	.42465	49.064	.06132	-.06153	.03671	.0494	-1.0662	-.08764
#3	.43072	49.294	.05678	-.06725	.04302	.0536	-1.0709	.22906

Sample Name: LR CHECK 1 Acquired: 8/1/2019 12:49:00 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 15.321
 %RSD 1.2987

#1 -1178.8
 #2 -1195.4
 #3 -1164.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.3	24780.	1858.2	26.862	1697.4
Stddev	6.8	113.	17.5	.708	5.3
%RSD	.32503	.45664	.94033	2.6342	.31349

#1	2097.5	24867.	1842.0	26.050	1692.0
#2	2111.2	24821.	1876.7	27.342	1702.6
#3	2104.2	24652.	1856.0	27.195	1697.5

Sample Name: LR CHECK 2 Acquired: 8/1/2019 12:53:41 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.02268	251.71	.01495	-.03550	-1.6990	95.647	-.00091
Stddev	.00304	.00126	.53	.00298	.00241	.0011	.809	.00008
%RSD	1099.7	5.5734	.20904	19.948	6.7813	.06527	.84578	8.8105

#1	-.00154	-.02366	251.13	.01803	-.03389	-1.6996	95.068	-.00086
#2	.00378	-.02313	252.16	.01475	-.03827	-1.6978	96.572	-.00100
#3	-.00141	-.02125	251.84	.01208	-.03435	-1.6998	95.302	-.00087

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00714	.32447	-.11279	-.00793	260.38	-.73520	40.522	-.15055
Stddev	.00001	.02378	.00039	.00022	1.18	.00063	.191	.01904
%RSD	.07419	7.3303	.34180	2.7355	.45244	.08519	.47175	12.650

#1	-.00714	.31315	-.11282	-.00796	259.04	-.73561	40.595	-.12977
#2	-.00714	.35180	-.11239	-.00770	261.26	-.73551	40.306	-.15470
#3	-.00713	.30845	-.11316	-.00813	260.84	-.73448	40.667	-.16717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.682	.00173	1.2057	-.12462	37.033	.94740	-.00593	-.02188
Stddev	.133	.00025	.0398	.00077	.046	.06079	.00037	.02305
%RSD	.26264	14.576	3.3012	.61421	.12523	6.4166	6.1760	105.37

#1	50.544	.00145	1.2454	-.12540	36.998	1.0167	-.00607	.00469
#2	50.810	.00195	1.2060	-.12460	37.086	.92261	-.00620	-.03659
#3	50.693	.00179	1.1658	-.12386	37.016	.90292	-.00551	-.03374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08889	-.04156	.00037	.02117	.00181	-.1372	.00131	7.4398
Stddev	.00437	.00432	.00100	.00313	.00252	.0033	.00009	.9653
%RSD	4.9206	10.389	272.48	14.771	139.25	2.392	7.0123	12.975

#1	.08937	-.03731	-.00073	.01811	.00196	-.1336	.00134	6.7099
#2	.09300	-.04594	.00060	.02436	-.00078	-.1400	.00138	8.5343
#3	.08429	-.04143	.00123	.02105	.00424	-.1381	.00121	7.0752

Sample Name: LR CHECK 2 Acquired: 8/1/2019 12:53:41 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.999
Stddev	3.843
%RSD	21.349

#1	15.400
#2	16.183
#3	22.413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.5	34145.	2106.6	32.418	2830.8
Stddev	4.0	340.	13.5	.584	5.0
%RSD	.15465	.99502	.64045	1.8025	.17562

#1	2614.0	34344.	2116.0	33.048	2836.4
#2	2606.3	33753.	2112.7	32.314	2829.1
#3	2608.1	34338.	2091.1	31.893	2826.9

Sample Name: PB121891BS Acquired: 8/1/2019 12:58:19 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78622	2.0024	1.0054	1.9109	.80473	1.9521	.21366
Stddev	.00486	.0030	.0059	.0014	.00364	.0457	.00195
%RSD	.61779	.14874	.58266	.07274	.45184	2.3407	.91438
#1	.78061	2.0026	1.0121	1.9125	.80800	1.9229	.21184
#2	.78899	1.9993	1.0028	1.9104	.80081	2.0047	.21573
#3	.78906	2.0053	1.0013	1.9099	.80538	1.9286	.21340
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20095	.19165	1.1111	.42396	.20592	.32436	3.2179
Stddev	.00029	.00040	.0279	.00133	.00034	.00030	.0090
%RSD	.14424	.20881	2.5093	.31355	.16698	.09286	.28054
#1	.20097	.19136	1.1180	.42454	.20571	.32469	3.2278
#2	.20065	.19210	1.0805	.42490	.20573	.32409	3.2101
#3	.20123	.19148	1.1349	.42244	.20632	.32430	3.2158
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20955	1.9743	.50558	.08727	3.4379	.31931	.20173
Stddev	.00043	.0851	.00015	.00015	.0166	.00205	.00059
%RSD	.20740	4.3122	.03021	.16802	.48296	.64348	.29487
#1	.20967	1.8848	.50545	.08742	3.4193	.32001	.20189
#2	.20991	2.0543	.50575	.08713	3.4513	.32092	.20223
#3	.20906	1.9837	.50555	.08725	3.4431	.31700	.20107
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.061	.41637	.28504	F -.01135	1.0711	.69558	.20443
Stddev	.132	.00127	.01590	.00594	.0057	.00169	.00214
%RSD	1.3094	.30584	5.5799	52.312	.52935	.24340	1.0462
#1	9.9615	.41587	.29405	-.00800	1.0690	.69506	.20220
#2	10.211	.41542	.29439	-.01821	1.0669	.69748	.20646
#3	10.012	.41782	.26667	-.00784	1.0776	.69421	.20465

Sample Name: PB121891BS Acquired: 8/1/2019 12:58:19 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21514	5.681	.21132	F 5.1174	F 1.5394
Stddev	.00430	.010	.00206	.1739	3.7906
%RSD	1.9993	.1792	.97634	3.3976	246.24
#1	.21020	5.670	.20899	5.3054	-2.2013
#2	.21810	5.685	.21208	4.9623	5.3781
#3	.21710	5.689	.21290	5.0846	1.4415
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.5	33765.	2093.4	33.797	2996.2
Stddev	2.6	148.	2.7	1.221	6.8
%RSD	.09396	.43880	.13136	3.6128	.22579
#1	2725.2	33611.	2096.4	35.207	2994.2
#2	2724.8	33777.	2092.6	33.082	2990.6
#3	2729.4	33907.	2091.1	33.102	3003.7

Sample Name: PB121891BL Acquired: 8/1/2019 13:11:21 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00111	F .00352	.00268	.00065	-.01483	.00098	.00001
Stddev	.00446	.00077	.00031	.00127	.00194	.01625	.00090	.00003
%RSD	243.06	69.726	8.8227	47.387	299.10	109.59	91.972	227.45
#1	-.00052	-.00200	.00368	.00296	-.00140	-.01068	.00201	.00003
#2	-.00096	-.00070	.00372	.00130	.00089	-.03274	.00045	.00002
#3	.00697	-.00063	.00317	.00379	.00245	-.00105	.00047	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01456	.00026	.00024	-.00119	-.00022	-.00003	-.02428
Stddev	.00010	.01215	.00017	.00020	.00036	.00019	.00005	.03827
%RSD	81.994	83.451	67.758	82.941	30.474	90.031	196.02	157.62
#1	-.00010	.02722	.00008	.00014	-.00119	-.00010	.00001	-.03117
#2	-.00024	.01346	.00043	.00048	-.00083	-.00044	-.00001	.01697
#3	-.00004	.00300	.00026	.00011	-.00156	-.00011	-.00008	-.05864
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00034	.05628	-.00004	-.00095	.16214	-.00015	-.03383
Stddev	.00033	.00029	.00555	.00036	.00008	.06463	.00029	.02359
%RSD	424.95	86.912	9.8639	936.25	8.1379	39.861	189.33	69.719
#1	-.00034	.00027	.05789	-.00038	-.00088	.09486	.00012	-.03993
#2	.00029	.00066	.05010	-.00008	-.00093	.22375	-.00046	-.00780
#3	-.00018	.00008	.06085	.00034	-.00103	.16780	-.00012	-.05378
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	-.00581	-.00133	-.00010	.00016	-.0030	-.00011	F 4.1552
Stddev	.00255	.00203	.00031	.00151	.00093	.0023	.00009	.1818
%RSD	90.850	35.033	23.519	1588.8	575.52	75.72	80.664	4.3760
#1	-.00372	-.00423	-.00097	-.00085	-.00060	-.0052	-.00012	4.3304
#2	-.00479	-.00508	-.00148	.00165	-.00011	-.0033	-.00002	3.9674
#3	.00007	-.00810	-.00155	-.00108	.00120	-.0006	-.00019	4.1678

Sample Name: PB121891BL Acquired: 8/1/2019 13:11:21 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 17.000
Stddev 2.841
%RSD 16.710

#1 13.955
#2 17.466
#3 19.579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.0	33814.	2102.7	34.648	3049.5
Stddev	2.3	32.	16.1	.685	7.7
%RSD	.08194	.09381	.76474	1.9780	.25370

#1	2749.6	33823.	2084.4	33.932	3040.6
#2	2752.5	33840.	2109.2	34.714	3054.8
#3	2754.0	33778.	2114.6	35.298	3053.1

Sample Name: PB121891TB Acquired: 8/1/2019 13:15:48 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00395	-.00011	-.00241	.00025	-.00730	.00028	.00001
Stddev	.00317	.00193	.00069	.00420	.00198	.01960	.00071	.00008
%RSD	147.94	48.991	659.52	174.81	804.16	268.37	253.44	644.88
#1	.00327	-.00615	-.00010	-.00118	.00207	-.02549	-.00030	-.00001
#2	.00460	-.00252	.00059	.00105	-.00186	.01345	.00007	.00010
#3	-.00144	-.00318	-.00080	-.00708	.00053	-.00987	.00107	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.02857	.00047	.00002	-.00056	.00184	.00007	-.07300
Stddev	.00014	.02031	.00025	.00012	.00067	.00140	.00009	.02903
%RSD	103.49	71.092	53.572	795.36	118.09	76.306	121.59	39.768
#1	-.00025	.00549	.00070	.00011	-.00017	.00053	.00017	-.03949
#2	-.00018	.04371	.00050	.00006	-.00133	.00167	.00000	-.09065
#3	.00002	.03650	.00020	-.00012	-.00019	.00332	.00005	-.08885
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.00155	F 280.86	.00027	.00696	.16941	-.00032	-.01070
Stddev	.00077	.00053	1.86	.00008	.00010	.07675	.00010	.02280
%RSD	66.980	34.198	.66102	28.196	1.3965	45.306	31.621	213.03
#1	.00195	.00181	279.74	.00034	.00706	.15230	-.00021	-.03642
#2	.00041	.00190	279.84	.00019	.00696	.25328	-.00040	-.00275
#3	.00109	.00094	283.00	.00029	.00686	.10266	-.00035	.00706
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	.00153	-.00096	-.00142	-.00048	-.0054	-.00005	7.4972
Stddev	.00625	.00059	.00061	.00332	.00255	.0023	.00008	.1859
%RSD	191.99	38.668	64.038	234.11	534.02	43.36	166.51	2.4798
#1	-.00087	.00092	-.00160	.00236	.00130	-.0045	.00001	7.4125
#2	.00019	.00158	-.00038	-.00387	-.00339	-.0080	-.00015	7.7103
#3	.01045	.00210	-.00089	-.00273	.00066	-.0036	-.00001	7.3687

Sample Name: PB121891TB Acquired: 8/1/2019 13:15:48 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	48.160
Stddev	1.621
%RSD	3.3649

#1	47.872
#2	46.703
#3	49.905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.0	31721.	2063.9	31.722	2765.5
Stddev	7.6	97.	10.1	1.618	8.2
%RSD	.28688	.30651	.48788	5.1005	.29594

#1	2639.4	31669.	2073.0	33.414	2762.7
#2	2651.8	31834.	2053.1	30.190	2774.8
#3	2638.0	31662.	2065.6	31.562	2759.1

Sample Name: K4101-02 Acquired: 8/1/2019 13:20:16 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	-.00701	.00178	-.00102	-.00294	.14933	.34281	-.00007
Stddev	.00326	.00138	.00030	.00278	.00111	.01546	.00281	.00014
%RSD	85.958	19.714	16.856	271.95	37.903	10.353	.82041	202.78

#1	.00643	-.00860	.00164	.00207	-.00230	.16336	.33967	-.00020
#2	.00015	-.00634	.00158	-.00332	-.00229	.13275	.34369	.00008
#3	.00480	-.00609	.00213	-.00181	-.00422	.15188	.34508	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	97.617	.01619	.01332	.00841	8.2339	.59952	1.6240
Stddev	.00005	1.223	.00028	.00035	.00028	.0160	.00097	.0758
%RSD	26.858	1.2525	1.7295	2.6022	3.2761	.19414	.16213	4.6664

#1	-.00015	96.510	.01608	.01313	.00862	8.2521	.60029	1.6044
#2	-.00023	97.411	.01651	.01311	.00852	8.2270	.59843	1.5600
#3	-.00015	98.929	.01599	.01372	.00810	8.2224	.59984	1.7077

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01038	.04078	283.93	-.00095	.18696	1.2276	-.00040	.05997
Stddev	.00036	.00038	1.78	.00021	.00056	.0311	.00017	.03202
%RSD	3.4707	.92946	.62706	22.101	.30211	2.5296	41.711	53.396

#1	.01065	.04088	282.67	-.00119	.18726	1.1946	-.00053	.09100
#2	.01052	.04036	283.16	-.00085	.18731	1.2317	-.00046	.06185
#3	.00997	.04110	285.97	-.00080	.18631	1.2563	-.00021	.02704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87470	1.8612	.00045	-.00444	.00456	-.0037	.19980	8.2082
Stddev	.00333	.0029	.00055	.00239	.00062	.0008	.00330	.1530
%RSD	.38126	.15363	122.24	53.834	13.656	20.99	1.6508	1.8645

#1	.87334	1.8635	-.00011	-.00355	.00446	-.0038	.19656	8.0331
#2	.87226	1.8580	.00046	-.00262	.00399	-.0045	.19968	8.3166
#3	.87850	1.8621	.00100	-.00715	.00522	-.0029	.20315	8.2747

Sample Name: K4101-02 Acquired: 8/1/2019 13:20:16 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 55.590
Stddev 4.099
%RSD 7.3743

#1 51.330
#2 55.934
#3 59.507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.1	31495.	2097.5	33.919	2728.8
Stddev	10.9	92.	6.1	1.324	15.3
%RSD	.41492	.29162	.29033	3.9024	.55922

#1	2607.7	31390.	2104.1	33.962	2711.2
#2	2624.5	31533.	2096.2	35.221	2738.2
#3	2628.1	31561.	2092.1	32.575	2737.1

Sample Name: K4101-04 Acquired: 8/1/2019 13:24:39 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00606	-.00645	.00658	.00078	-.00407	.57263	.53622	.00026
Stddev	.00236	.00200	.00154	.00205	.00355	.00756	.00664	.00008
%RSD	38.880	30.957	23.447	261.09	87.341	1.3194	1.2384	30.948

#1	.00372	-.00564	.00482	.00304	-.00399	.58130	.52902	.00035
#2	.00843	-.00498	.00771	.00026	-.00766	.56747	.54209	.00022
#3	.00602	-.00872	.00721	-.00095	-.00056	.56913	.53756	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	28.571	.70014	.00728	.02991	.64336	2.0712	2.5082
Stddev	.00004	.294	.00144	.00032	.00046	.00401	.0015	.1149
%RSD	14.145	1.0281	.20515	4.4505	1.5488	.62309	.07498	4.5827

#1	.00028	28.253	.70179	.00751	.03038	.64007	2.0703	2.4136
#2	.00025	28.832	.69943	.00691	.02990	.64782	2.0704	2.4748
#3	.00033	28.629	.69919	.00742	.02945	.64218	2.0730	2.6361

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02509	.00329	303.79	-.00430	.21502	1.2912	-.00027	.07413
Stddev	.00010	.00040	3.08	.00087	.00049	.0134	.00019	.02435
%RSD	.39267	12.269	1.0137	20.349	.22798	1.0399	70.403	32.852

#1	.02519	.00359	300.24	-.00515	.21558	1.3065	-.00024	.05446
#2	.02510	.00283	305.55	-.00340	.21476	1.2815	-.00009	.06656
#3	.02499	.00346	305.59	-.00434	.21471	1.2855	-.00047	.10136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87925	1.8019	-.00025	-.00065	.00470	-.0023	.06571	7.5541
Stddev	.00436	.0187	.00075	.00414	.00096	.0037	.00076	.5326
%RSD	.49549	1.0369	302.97	634.25	20.386	160.1	1.1534	7.0508

#1	.88358	1.8229	-.00059	-.00515	.00463	-.0041	.06491	6.9442
#2	.87929	1.7954	-.00077	.00018	.00569	-.0047	.06642	7.7903
#3	.87487	1.7873	.00062	.00301	.00378	.0019	.06581	7.9278

Sample Name: K4101-04 Acquired: 8/1/2019 13:24:39 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 50.807
 Stddev 4.050
 %RSD 7.9712

#1 49.483
 #2 47.584
 #3 55.353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.9	32120.	2128.9	33.405	2771.3
Stddev	3.1	135.	1.9	1.972	4.2
%RSD	.11458	.41924	.08829	5.9038	.15271

#1	2662.4	32275.	2127.0	32.608	2766.8
#2	2667.4	32036.	2130.8	35.651	2775.3
#3	2667.9	32049.	2128.9	31.957	2771.7

Sample Name: K4101-06 Acquired: 8/1/2019 13:29:01 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	-.00639	.00130	.00449	-.00326	1.1801	.52431	.00009
Stddev	.00541	.00119	.00105	.00543	.00248	.0133	.00802	.00015
%RSD	234.42	18.611	80.781	120.88	76.236	1.1283	1.5292	165.70

#1	-.00243	-.00545	.00172	.00968	-.00389	1.1653	.51681	-.00008
#2	.00821	-.00773	.00010	.00494	-.00536	1.1842	.52336	.00022
#3	.00115	-.00600	.00206	-.00115	-.00052	1.1909	.53276	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	63.229	1.0468	.02344	.00755	.23203	1.3617	9.1419
Stddev	.00011	.627	.0020	.00050	.00044	.00111	.0024	.0684
%RSD	374.35	.99145	.19316	2.1238	5.8292	.47970	.17525	.74784

#1	-.00008	62.507	1.0449	.02303	.00706	.23225	1.3590	9.0760
#2	-.00011	63.546	1.0489	.02400	.00767	.23301	1.3632	9.2125
#3	.00010	63.634	1.0467	.02329	.00792	.23082	1.3630	9.1371

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10053	.00087	305.04	-.00139	.19173	1.2079	-.00048	.05721
Stddev	.00107	.00013	2.76	.00069	.00055	.0582	.00063	.00952
%RSD	1.0673	14.591	.90594	49.591	.28803	4.8169	129.48	16.642

#1	.10006	.00101	302.14	-.00061	.19179	1.1483	-.00114	.06262
#2	.09977	.00076	305.34	-.00164	.19115	1.2646	.00010	.06280
#3	.10175	.00085	307.65	-.00191	.19225	1.2108	-.00041	.04622

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86363	3.8338	.00095	-.00288	.00554	-.0037	.11064	8.0043
Stddev	.00739	.0362	.00071	.00272	.00355	.0003	.00059	.1856
%RSD	.85573	.94362	74.858	94.436	63.959	7.256	.53041	2.3189

#1	.86381	3.8293	.00168	-.00026	.00512	-.0036	.10997	8.2049
#2	.85615	3.8720	.00026	-.00569	.00223	-.0041	.11104	7.8387
#3	.87093	3.8001	.00091	-.00270	.00928	-.0036	.11091	7.9693

Sample Name: K4101-06 Acquired: 8/1/2019 13:29:01 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	49.738
Stddev	7.644
%RSD	15.370

#1	54.696
#2	40.934
#3	53.583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.5	31891.	2116.9	34.129	2737.3
Stddev	5.8	22.	18.6	1.152	.7
%RSD	.22082	.06955	.87921	3.3744	.02489

#1	2646.0	31867.	2112.0	33.032	2736.9
#2	2636.9	31895.	2101.2	34.027	2738.1
#3	2647.7	31911.	2137.4	35.328	2736.9

Sample Name: K4101-08 Acquired: 8/1/2019 13:33:23 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01929	-.00608	.01858	.00079	-.00402	.26425	.52458	.00007
Stddev	.00271	.00073	.00021	.00637	.00451	.01621	.01088	.00002
%RSD	14.057	12.035	1.1269	803.46	112.21	6.1355	2.0736	32.553

#1	.02241	-.00669	.01881	-.00649	-.00736	.24676	.51214	.00007
#2	.01753	-.00527	.01842	.00530	-.00582	.26721	.52928	.00005
#3	.01793	-.00628	.01849	.00357	.00111	.27878	.53231	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	43.136	.23547	.01042	.00742	8.5202	.61623	3.3093
Stddev	.00002	.404	.00152	.00046	.00018	.0104	.00125	.1179
%RSD	6.5412	.93657	.64549	4.4626	2.4664	.12233	.20277	3.5626

#1	-.00027	42.673	.23405	.01094	.00734	8.5310	.61712	3.3017
#2	-.00026	43.313	.23528	.01026	.00729	8.5102	.61480	3.1953
#3	-.00030	43.420	.23707	.01005	.00763	8.5194	.61676	3.4308

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03063	.04191	274.41	.00034	.27546	1.3483	-.00045	.05613
Stddev	.00023	.00017	3.25	.00016	.00083	.0212	.00014	.00504
%RSD	.74047	.40006	1.1857	46.685	.30308	1.5705	30.698	8.9794

#1	.03040	.04179	270.91	.00041	.27637	1.3494	-.00042	.06188
#2	.03064	.04210	274.97	.00016	.27529	1.3690	-.00059	.05246
#3	.03085	.04183	277.34	.00046	.27473	1.3267	-.00032	.05405

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89351	3.3544	.00067	-.00139	.00360	-.0041	.11931	7.1942
Stddev	.01142	.0222	.00124	.00296	.00108	.0011	.00121	.3857
%RSD	1.2779	.66089	185.55	213.20	30.078	25.87	1.0151	5.3613

#1	.90401	3.3793	.00163	.00056	.00242	-.0031	.11820	7.2375
#2	.89517	3.3472	-.00073	.00007	.00455	-.0052	.11912	7.5564
#3	.88135	3.3368	.00110	-.00480	.00382	-.0041	.12060	6.7887

Sample Name: K4101-08 Acquired: 8/1/2019 13:33:23 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 47.601
Stddev 5.370
%RSD 11.280

#1 42.048
#2 47.988
#3 52.766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.1	32045.	2100.6	33.332	2771.5
Stddev	6.0	100.	18.2	.926	11.7
%RSD	.22717	.31195	.86424	2.7793	.42172

#1	2644.2	31983.	2079.9	34.214	2758.4
#2	2654.8	32161.	2107.9	33.417	2774.9
#3	2654.3	31992.	2113.9	32.367	2781.0

Sample Name: K4101-10 Acquired: 8/1/2019 13:37:47 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	-.00672	.00198	.00231	-.00247	.67081	.64564	.00030
Stddev	.00338	.00089	.00099	.00547	.00202	.01583	.00604	.00003
%RSD	89.210	13.258	50.108	237.35	81.861	2.3601	.93628	8.6170

#1	.00302	-.00679	.00216	-.00339	-.00052	.65302	.63926	.00027
#2	.00748	-.00580	.00287	.00752	-.00455	.67610	.65128	.00031
#3	.00086	-.00757	.00091	.00280	-.00232	.68333	.64637	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	46.184	1.0112	.02129	.02995	.64037	2.6866	6.6840
Stddev	.00004	.523	.0052	.00023	.00023	.00207	.0055	.1314
%RSD	6.2111	1.1321	.51588	1.0581	.76143	.32360	.20445	1.9663

#1	.00067	45.582	1.0123	.02114	.03005	.64246	2.6841	6.6873
#2	.00070	46.527	1.0158	.02155	.03011	.63831	2.6828	6.8137
#3	.00061	46.442	1.0056	.02118	.02969	.64033	2.6929	6.5509

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07802	.00373	296.94	-.00399	.33274	1.3135	-.00050	.07836
Stddev	.00094	.00028	1.09	.00035	.00062	.0479	.00013	.01649
%RSD	1.2085	7.5573	.36556	8.7654	.18541	3.6497	26.192	21.037

#1	.07910	.00378	295.69	-.00425	.33334	1.3419	-.00052	.09523
#2	.07736	.00343	297.59	-.00360	.33278	1.2582	-.00061	.07757
#3	.07761	.00398	297.55	-.00413	.33211	1.3405	-.00036	.06229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0397	2.7841	.00027	-.00376	.00318	-.0018	.08304	7.5909
Stddev	.0077	.0015	.00066	.00586	.00146	.0032	.00091	.3053
%RSD	.74432	.05404	246.00	155.59	45.798	179.4	1.0999	4.0221

#1	1.0341	2.7824	.00061	-.00561	.00190	-.0005	.08242	7.9288
#2	1.0486	2.7852	.00069	.00279	.00288	.0005	.08409	7.5092
#3	1.0365	2.7847	-.00049	-.00848	.00476	-.0055	.08262	7.3348

Sample Name: K4101-10 Acquired: 8/1/2019 13:37:47 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 52.114
 Stddev 1.759
 %RSD 3.3752

#1 51.000
 #2 51.201
 #3 54.142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.7	32123.	2117.5	33.419	2749.9
Stddev	13.1	108.	3.9	.279	10.6
%RSD	.49226	.33519	.18380	.83454	.38536

#1	2645.4	32001.	2113.4	33.739	2737.8
#2	2656.2	32161.	2117.9	33.291	2754.1
#3	2671.4	32207.	2121.2	33.228	2757.7

Sample Name: CCV02 Acquired: 8/1/2019 13:42:09 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8802	4.8549	4.8344	4.8984	4.8476	9.4835	9.7409	.24756
Stddev	.0057	.0116	.0083	.0164	.0137	.0977	.0440	.00051
%RSD	.11643	.23823	.17079	.33500	.28325	1.0304	.45195	.20670
#1	4.8768	4.8651	4.8371	4.8893	4.8370	9.5519	9.6905	.24708
#2	4.8868	4.8573	4.8410	4.8887	4.8426	9.5271	9.7718	.24810
#3	4.8771	4.8424	4.8252	4.9174	4.8631	9.3716	9.7604	.24752
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3912	24.341	.96785	2.4267	1.2168	4.8812	2.3681	24.473
Stddev	.0034	.120	.00111	.0022	.0016	.0076	.0050	.058
%RSD	.14151	.49291	.11420	.08961	.13080	.15567	.21002	.23689
#1	2.3877	24.212	.96737	2.4284	1.2151	4.8726	2.3735	24.455
#2	2.3944	24.362	.96706	2.4274	1.2171	4.8871	2.3637	24.537
#3	2.3915	24.449	.96911	2.4242	1.2182	4.8839	2.3671	24.425
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3960	1.2147	24.471	2.4268	2.4228	23.647	4.8766	4.6412
Stddev	.0019	.0027	.084	.0018	.0022	.100	.0077	.0743
%RSD	.07844	.21908	.34296	.07309	.09041	.42318	.15895	1.6001
#1	2.3961	1.2122	24.396	2.4250	2.4222	23.742	4.8695	4.7232
#2	2.3978	1.2143	24.562	2.4268	2.4252	23.657	4.8755	4.6217
#3	2.3941	1.2175	24.457	2.4286	2.4210	23.543	4.8849	4.5785
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8597	4.7631	4.8610	4.8606	4.6771	5.011	4.8821	F 5.8971
Stddev	.0060	.0313	.0020	.0094	.0150	.007	.0210	.2236
%RSD	.12379	.65668	.04175	.19300	.32088	.1378	.43046	3.7924
#1	4.8661	4.7438	4.8631	4.8583	4.6877	5.018	4.8663	5.6722
#2	4.8542	4.7464	4.8590	4.8527	4.6600	5.010	4.8742	5.8997
#3	4.8587	4.7992	4.8608	4.8710	4.6837	5.004	4.9060	6.1194

Sample Name: CCV02 Acquired: 8/1/2019 13:42:09 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 18.591
Stddev 5.251
%RSD 28.243

#1 12.889
#2 19.658
#3 23.227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.6	33186.	2110.9	31.573	2818.1
Stddev	6.9	27.	7.9	.317	7.1
%RSD	.25532	.08136	.37286	1.0027	.25094

#1	2725.6	33155.	2109.4	31.899	2822.8
#2	2711.8	33200.	2119.4	31.554	2810.0
#3	2718.5	33204.	2103.9	31.267	2821.5

Sample Name: CCB02 Acquired: 8/1/2019 13:46:08 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	-.00041	-.00042	.00502	.00031	-.03608	.00080	-.00005
Stddev	.00221	.00096	.00089	.00133	.00356	.00791	.00082	.00007
%RSD	75.123	234.86	209.63	26.549	1152.4	21.930	101.81	136.49

#1	.00485	-.00036	.00060	.00493	.00003	-.03100	.00129	.00003
#2	.00347	-.00139	-.00103	.00639	-.00311	-.04520	-.00014	-.00008
#3	.00052	.00053	-.00084	.00373	.00400	-.03205	.00126	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00104	.00028	.00035	-.00174	-.00083	-.00002	-.04055
Stddev	.00004	.02551	.00065	.00022	.00027	.00060	.00003	.10982
%RSD	40.009	2459.3	236.74	63.932	15.464	72.359	118.56	270.85

#1	-.00006	.02992	.00075	.00025	-.00198	-.00073	-.00005	-.11882
#2	-.00013	-.01841	-.00047	.00020	-.00178	-.00147	-.00001	-.08781
#3	-.00013	-.00840	.00055	.00061	-.00145	-.00028	-.00000	.08499

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00008	.13459	.00002	-.00186	.18959	.00046	.03002
Stddev	.00072	.00017	.01749	.00052	.00010	.06473	.00047	.00522
%RSD	102.39	225.72	12.995	2258.1	5.4651	34.142	103.64	17.381

#1	.00009	.00001	.13223	.00041	-.00175	.15558	.00084	.03026
#2	.00052	-.00027	.15314	.00023	-.00187	.14895	-.00007	.02469
#3	.00150	.00004	.11840	-.00057	-.00196	.26423	.00059	.03512

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	-.00377	-.00222	.00028	.00208	-.0026	-.00005	3.0808
Stddev	.00463	.00111	.00036	.00135	.00388	.0005	.00017	.3194
%RSD	205.87	29.509	16.152	488.11	186.32	21.30	309.37	10.367

#1	-.00251	-.00464	-.00222	-.00123	.00584	-.0020	.00013	3.3518
#2	-.00675	-.00416	-.00186	.00067	.00232	-.0026	-.00019	3.1619
#3	.00250	-.00252	-.00258	.00138	-.00191	-.0031	-.00010	2.7286

Sample Name: CCB02 Acquired: 8/1/2019 13:46:08 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 19.086
 Stddev 1.682
 %RSD 8.8146

#1 18.817
 #2 20.887
 #3 17.555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.9	34412.	2132.9	34.121	3095.8
Stddev	4.3	125.	12.7	.847	6.8
%RSD	.15588	.36448	.59479	2.4828	.21926

#1	2793.9	34267.	2140.1	33.950	3103.3
#2	2786.6	34482.	2118.2	35.041	3090.1
#3	2786.3	34487.	2140.3	33.373	3094.1

Sample Name: K4101-12 Acquired: 8/1/2019 13:50:37 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00322	-.00469	-.00058	.00083	-.00210	.07472	.39560	.00017
Stddev	.00123	.00056	.00082	.00337	.00082	.01043	.00507	.00005
%RSD	38.077	11.869	142.14	408.90	39.045	13.964	1.2818	26.647

#1	.00190	-.00425	.00018	.00470	-.00151	.08176	.39017	.00012
#2	.00342	-.00531	-.00046	-.00148	-.00303	.07967	.39640	.00018
#3	.00433	-.00451	-.00145	-.00074	-.00175	.06273	.40022	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	6.0979	.00590	.00295	.00497	.64829	1.4668	.91462
Stddev	.00005	.1038	.00025	.00014	.00042	.00267	.0057	.07524
%RSD	52.001	1.7020	4.3053	4.6906	8.5364	.41111	.38556	8.2260

#1	-.00009	5.9867	.00604	.00309	.00453	.65078	1.4605	.95990
#2	-.00005	6.1146	.00561	.00281	.00537	.64862	1.4682	.95620
#3	-.00015	6.1923	.00607	.00296	.00503	.64548	1.4715	.82777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00352	.00328	262.71	-.00263	.16789	.80654	.00016	.07528
Stddev	.00049	.00060	1.35	.00056	.00019	.03958	.00047	.01962
%RSD	13.907	18.414	.51370	21.464	.11615	4.9080	286.42	26.061

#1	.00407	.00390	261.18	-.00254	.16787	.76933	.00070	.06148
#2	.00331	.00269	263.19	-.00323	.16809	.80215	-.00003	.06662
#3	.00316	.00326	263.75	-.00212	.16770	.84813	-.00018	.09773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64080	.26234	-.00119	-.00149	.00225	-.0015	.01713	6.9792
Stddev	.00213	.00824	.00128	.00329	.00255	.0019	.00017	.2545
%RSD	.33237	3.1402	107.94	220.20	113.24	126.7	.97147	3.6459

#1	.64207	.25748	-.00164	.00230	.00098	-.0033	.01696	7.1828
#2	.63834	.27185	.00026	-.00352	.00519	-.0016	.01714	7.0610
#3	.64200	.25768	-.00219	-.00326	.00059	.0005	.01729	6.6939

Sample Name: K4101-12 Acquired: 8/1/2019 13:50:37 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 47.172
Stddev 6.671
%RSD 14.143

#1 45.471
#2 54.530
#3 41.516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.0	32140.	2111.8	33.820	2815.5
Stddev	8.9	115.	8.5	1.345	10.6
%RSD	.33218	.35785	.40098	3.9765	.37682

#1	2685.0	32065.	2116.7	35.321	2805.7
#2	2681.0	32273.	2116.7	32.725	2814.1
#3	2698.1	32083.	2102.0	33.413	2826.7

Sample Name: K4106-02 Acquired: 8/1/2019 13:55:02 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00551	-.00653	.00641	-.00134	-.00340	.21135	.10865	-.00006
Stddev	.00321	.00254	.00044	.00343	.00200	.01164	.00176	.00011
%RSD	58.295	38.902	6.8246	256.09	58.773	5.5086	1.6241	173.72
#1	.00876	-.00617	.00673	-.00109	-.00264	.20149	.10793	.00004
#2	.00233	-.00923	.00591	-.00488	-.00567	.20837	.10736	-.00017
#3	.00544	-.00419	.00658	.00196	-.00189	.22419	.11066	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	168.55	.00169	.00230	.00404	.03864	.41688	2.4063
Stddev	.00002	1.07	.00090	.00022	.00095	.00157	.00073	.0155
%RSD	6.6977	.63478	53.407	9.7840	23.531	4.0530	.17560	.64226
#1	.00036	168.43	.00271	.00210	.00484	.03916	.41694	2.3969
#2	.00033	169.68	.00137	.00225	.00430	.03688	.41612	2.3979
#3	.00037	167.55	.00100	.00254	.00299	.03987	.41758	2.4241
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	-.00016	320.52	.00013	.12326	1.9841	.00081	.06449
Stddev	.00054	.00049	2.29	.00036	.00023	.0246	.00011	.00615
%RSD	26.822	299.51	.71397	278.17	.19040	1.2382	12.932	9.5341
#1	.00260	-.00037	319.63	.00036	.12311	2.0005	.00070	.06501
#2	.00195	.00039	318.81	.00031	.12314	1.9558	.00091	.07036
#3	.00152	-.00052	323.12	-.00028	.12353	1.9960	.00083	.05810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.158	4.2760	-.00489	-.00796	.00376	.0095	.52242	7.7750
Stddev	.079	.0510	.00009	.00184	.00266	.0017	.00325	.3958
%RSD	.56007	1.1929	1.8446	23.065	70.647	18.17	.62183	5.0903
#1	14.112	4.3133	-.00480	-.00601	.00071	.0114	.52488	7.3293
#2	14.113	4.2969	-.00491	-.00821	.00559	.0081	.52363	8.0853
#3	14.250	4.2179	-.00498	-.00966	.00497	.0090	.51873	7.9105

Sample Name: K4106-02 Acquired: 8/1/2019 13:55:02 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	50.463
Stddev	.923
%RSD	1.8289

#1	50.453
#2	49.544
#3	51.390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.6	31703.	2089.0	33.241	2737.9
Stddev	11.7	92.	20.4	.181	7.7
%RSD	.44393	.28881	.97812	.54361	.28069

#1	2613.5	31708.	2079.5	33.314	2729.1
#2	2630.4	31793.	2075.1	33.373	2741.4
#3	2635.8	31610.	2112.5	33.035	2743.2

Sample Name: K4106-02DUP Acquired: 8/1/2019 13:59:23 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	-.00665	.00390	.00291	-.00127	.22151	.10765	.00009
Stddev	.00081	.00048	.00059	.00144	.00059	.00665	.00077	.00009
%RSD	18.908	7.2236	15.156	49.502	46.376	3.0011	.71383	98.922
#1	.00518	-.00653	.00457	.00139	-.00077	.22110	.10683	.00001
#2	.00362	-.00718	.00347	.00425	-.00192	.21508	.10836	.00007
#3	.00403	-.00624	.00365	.00310	-.00112	.22836	.10776	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	169.64	.00170	.00228	.00385	.03929	.42076	2.4751
Stddev	.00013	.42	.00049	.00010	.00038	.00108	.00083	.1059
%RSD	44.655	.24687	28.991	4.3685	9.9838	2.7402	.19674	4.2792
#1	.00016	169.32	.00114	.00217	.00375	.03974	.41992	2.4351
#2	.00028	170.11	.00191	.00237	.00352	.03807	.42157	2.3951
#3	.00041	169.47	.00206	.00230	.00427	.04008	.42079	2.5952
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	.00115	321.31	.00084	.12371	2.0628	.00095	.05414
Stddev	.00052	.00038	1.32	.00037	.00043	.0336	.00037	.01621
%RSD	23.420	33.327	.40941	44.522	.34715	1.6287	38.355	29.946
#1	.00254	.00132	319.92	.00091	.12372	2.0251	.00057	.05188
#2	.00254	.00071	322.54	.00044	.12328	2.0896	.00129	.07137
#3	.00163	.00142	321.47	.00118	.12413	2.0737	.00100	.03918
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.220	4.3535	-.00447	-.00736	.00727	.0096	.52538	7.2526
Stddev	.015	.0335	.00077	.00252	.00263	.0023	.00304	.1737
%RSD	.10762	.77007	17.137	34.292	36.258	23.57	.57816	2.3957
#1	14.203	4.3714	-.00508	-.01026	.00431	.0072	.52385	7.3402
#2	14.233	4.3148	-.00471	-.00568	.00935	.0116	.52888	7.3650
#3	14.223	4.3743	-.00361	-.00613	.00814	.0100	.52341	7.0525

Sample Name: K4106-02DUP Acquired: 8/1/2019 13:59:23 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	52.019
Stddev	6.610
%RSD	12.707

#1	48.109
#2	48.297
#3	59.651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.0	31570.	2071.7	33.650	2736.5
Stddev	3.3	65.	5.7	.390	2.9
%RSD	.12620	.20431	.27660	1.1577	.10506

#1	2630.2	31576.	2065.7	33.200	2737.1
#2	2625.3	31503.	2072.3	33.885	2733.4
#3	2631.6	31632.	2077.2	33.864	2739.0

Sample Name: K4106-02LX5 Acquired: 8/1/2019 14:03:44 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00450	-.00083	-.00056	-.00010	-.00182	.02784	.02180	.00002
Stddev	.00479	.00201	.00142	.00116	.00136	.02691	.00035	.00009
%RSD	106.36	241.93	256.38	1172.4	74.817	96.651	1.6123	530.33

#1	.00588	-.00235	.00028	-.00113	-.00219	.04177	.02148	.00004
#2	.00845	-.00160	.00025	-.00033	-.00031	-.00318	.02175	-.00008
#3	-.00082	.00145	-.00220	.00116	-.00296	.04493	.02218	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	34.202	-.00010	.00081	-.00045	.00588	.08526	.46503
Stddev	.00004	.303	.00037	.00009	.00068	.00045	.00026	.09209
%RSD	127.76	.88561	355.70	11.358	151.76	7.6236	.31024	19.802

#1	-.00005	33.855	.00019	.00077	-.00117	.00631	.08556	.48542
#2	-.00005	34.338	-.00052	.00092	-.00036	.00591	.08511	.54521
#3	.00001	34.413	.00002	.00075	.00018	.00541	.08510	.36446

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00009	61.429	.00015	.02179	.57212	-.00026	.00243
Stddev	.00047	.00057	.373	.00046	.00036	.05947	.00033	.04420
%RSD	93.873	610.26	.60784	296.98	1.6434	10.394	127.88	1820.0

#1	.00011	.00067	61.075	.00043	.02168	.53763	-.00059	.05331
#2	.00103	.00010	61.392	.00040	.02150	.53794	.00007	-.02642
#3	.00037	-.00048	61.819	-.00037	.02219	.64079	-.00026	-.01960

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6786	.88571	-.00277	-.00340	.00211	-.0023	.10464	5.4355
Stddev	.0056	.01267	.00093	.00504	.00338	.0038	.00031	.3152
%RSD	.20988	1.4306	33.437	148.16	160.37	169.7	.29731	5.7995

#1	2.6741	.89111	-.00332	.00134	-.00172	-.0066	.10433	5.2628
#2	2.6849	.89478	-.00330	-.00869	.00469	-.0008	.10464	5.7994
#3	2.6769	.87123	-.00170	-.00285	.00334	.0006	.10496	5.2444

Sample Name: K4106-02LX5 Acquired: 8/1/2019 14:03:44 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	27.967
Stddev	5.882
%RSD	21.033

#1	21.205
#2	31.901
#3	30.796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.8	33291.	2120.8	34.581	2995.2
Stddev	10.6	102.	17.7	1.080	8.7
%RSD	.38387	.30647	.83305	3.1231	.28951

#1	2740.0	33184.	2108.0	33.342	2989.7
#2	2748.6	33387.	2113.6	35.079	2990.7
#3	2761.0	33302.	2141.0	35.323	3005.2

Sample Name: K4106-02MS Acquired: 8/1/2019 14:08:08 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83677	1.9426	.98590	2.0383	.82902	2.3038	.32915	.21383
Stddev	.01022	.0039	.00320	.0052	.00169	.0471	.00294	.00041
%RSD	1.2210	.19895	.32447	.25261	.20399	2.0455	.89376	.19159
#1	.84755	1.9420	.98766	2.0400	.82930	2.2813	.32621	.21383
#2	.83554	1.9467	.98784	2.0424	.83056	2.2721	.32914	.21343
#3	.82723	1.9390	.98221	2.0325	.82721	2.3579	.33209	.21425
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19619	168.36	.41910	.20777	.31358	3.1720	.61110	4.4266
Stddev	.00013	2.08	.00179	.00036	.00152	.0041	.00028	.0643
%RSD	.06566	1.2372	.42751	.17536	.48559	.12900	.04585	1.4517
#1	.19627	166.36	.42087	.20758	.31533	3.1708	.61080	4.3837
#2	.19626	168.21	.41729	.20819	.31281	3.1765	.61136	4.5005
#3	.19604	170.52	.41915	.20754	.31259	3.1686	.61113	4.3956
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50442	.08851	320.19	.32842	.32982	12.887	.42114	.34336
Stddev	.00049	.00131	2.45	.00040	.00079	.110	.00085	.02564
%RSD	.09763	1.4854	.76573	.12194	.24096	.84981	.20078	7.4686
#1	.50498	.08847	317.45	.32875	.33074	12.761	.42127	.31610
#2	.50421	.08984	320.93	.32797	.32938	12.954	.42191	.36700
#3	.50407	.08721	322.18	.32854	.32934	12.947	.42023	.34697
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.907	5.2858	.71661	.20212	.22189	6.618	.72306	9.1103
Stddev	.052	.0239	.00357	.00621	.00357	.020	.00780	.1683
%RSD	.37623	.45142	.49761	3.0731	1.6069	.3073	1.0782	1.8473
#1	13.850	5.2662	.71565	.19832	.21970	6.602	.71602	9.2488
#2	13.952	5.2789	.72056	.19876	.22601	6.641	.72171	9.1591
#3	13.920	5.3124	.71362	.20929	.21997	6.613	.73144	8.9230

Sample Name: K4106-02MS Acquired: 8/1/2019 14:08:08 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	40.254
Stddev	10.802
%RSD	26.835

#1	29.574
#2	40.015
#3	51.174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.9	31011.	2046.7	33.763	2681.1
Stddev	.5	67.	6.9	.342	2.1
%RSD	.02013	.21725	.33530	1.0122	.07744

#1	2572.9	30963.	2050.6	33.487	2683.3
#2	2573.4	30982.	2050.6	34.145	2679.1
#3	2572.4	31088.	2038.7	33.658	2681.0

Sample Name: K4106-02MSD Acquired: 8/1/2019 14:12:14 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83000	1.9387	.98011	2.0420	.82690	2.2935	.32598	.21292
Stddev	.00362	.0056	.00283	.0077	.00546	.0754	.00277	.00033
%RSD	.43663	.28772	.28860	.37971	.66082	3.2876	.84920	.15620
#1	.83175	1.9396	.98278	2.0396	.82580	2.2158	.32282	.21323
#2	.83242	1.9327	.97714	2.0507	.82207	2.2983	.32720	.21257
#3	.82584	1.9437	.98041	2.0358	.83283	2.3664	.32794	.21297
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19551	167.00	.41797	.20657	.31220	3.1474	.61129	4.5123
Stddev	.00058	1.98	.00035	.00067	.00087	.0036	.00046	.0517
%RSD	.29435	1.1836	.08467	.32499	.27837	.11497	.07580	1.1455
#1	.19617	164.72	.41767	.20734	.31167	3.1458	.61171	4.4578
#2	.19526	168.18	.41788	.20614	.31321	3.1448	.61137	4.5185
#3	.19510	168.12	.41836	.20622	.31174	3.1515	.61079	4.5606
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50306	.08813	317.53	.32744	.32961	12.844	.41881	.34380
Stddev	.00183	.00013	3.21	.00158	.00006	.202	.00096	.02138
%RSD	.36472	.14469	1.0097	.48221	.01714	1.5704	.22914	6.2179
#1	.50516	.08823	313.83	.32831	.32962	12.611	.41893	.32726
#2	.50174	.08798	319.54	.32561	.32966	12.958	.41971	.33620
#3	.50229	.08817	319.21	.32838	.32955	12.963	.41780	.36794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.868	5.2837	.71715	.19852	.22091	6.620	.71645	8.6936
Stddev	.025	.0121	.00145	.00193	.00306	.013	.00860	.1043
%RSD	.18354	.22894	.20256	.97050	1.3842	.1931	1.2005	1.2001
#1	13.897	5.2698	.71872	.19793	.21738	6.628	.70667	8.5778
#2	13.860	5.2890	.71690	.19695	.22260	6.626	.72285	8.7802
#3	13.848	5.2922	.71585	.20067	.22274	6.605	.71982	8.7229

Sample Name: K4106-02MSD Acquired: 8/1/2019 14:12:14 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	37.645
Stddev	10.031
%RSD	26.646

#1	26.088
#2	44.097
#3	42.749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.4	31156.	2049.4	33.213	2693.2
Stddev	12.3	12.	8.0	1.269	10.8
%RSD	.47540	.03866	.39176	3.8202	.40140

#1	2578.5	31163.	2058.5	34.677	2683.6
#2	2578.1	31163.	2043.5	32.454	2691.1
#3	2599.6	31142.	2046.1	32.506	2704.9

Sample Name: K4106-02A Acquired: 8/1/2019 14:16:20 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83347	1.9443	.98027	2.0430	.83059	2.3071	.32535	.21331
Stddev	.00229	.0037	.00293	.0068	.00509	.0604	.00359	.00092
%RSD	.27446	.19158	.29923	.33131	.61248	2.6195	1.1036	.42927
#1	.83325	1.9402	.98323	2.0458	.83646	2.2624	.32136	.21401
#2	.83586	1.9454	.98022	2.0478	.82746	2.3759	.32637	.21365
#3	.83130	1.9473	.97736	2.0352	.82785	2.2831	.32833	.21227
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19554	166.93	.41937	.20761	.31247	3.1653	.60870	4.5455
Stddev	.00011	2.49	.00064	.00013	.00194	.0044	.00038	.0835
%RSD	.05820	1.4917	.15266	.06126	.62019	.14014	.06276	1.8369
#1	.19550	164.23	.42010	.20774	.31450	3.1677	.60841	4.4492
#2	.19545	167.40	.41890	.20761	.31226	3.1680	.60855	4.5963
#3	.19566	169.15	.41912	.20748	.31064	3.1602	.60913	4.5911
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50447	.08768	316.94	.32885	.32733	12.976	.42093	.35622
Stddev	.00028	.00137	2.83	.00297	.00019	.176	.00171	.04258
%RSD	.05531	1.5647	.89155	.90235	.05796	1.3602	.40741	11.952
#1	.50470	.08846	314.02	.33223	.32717	12.773	.42290	.34055
#2	.50455	.08609	317.13	.32668	.32754	13.088	.42016	.40442
#3	.50416	.08848	319.66	.32764	.32728	13.067	.41974	.32371
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.740	5.2946	.71724	.19736	.22115	6.608	.71875	8.6967
Stddev	.009	.0220	.00182	.00436	.00372	.005	.00816	.2671
%RSD	.06476	.41595	.25306	2.2106	1.6800	.0819	1.1357	3.0709
#1	13.739	5.2972	.71923	.19276	.21689	6.602	.70937	8.8064
#2	13.732	5.2714	.71683	.20144	.22370	6.613	.72267	8.8914
#3	13.750	5.3152	.71567	.19787	.22287	6.609	.72422	8.3922

Sample Name: K4106-02A Acquired: 8/1/2019 14:16:20 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 38.383
Stddev 9.426
%RSD 24.557

#1 44.698
#2 27.549
#3 42.902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.3	31194.	2050.9	32.835	2698.2
Stddev	13.8	109.	8.8	.670	9.2
%RSD	.53494	.34824	.42696	2.0408	.34233

#1	2569.8	31157.	2058.9	33.259	2688.2
#2	2596.4	31108.	2041.6	33.182	2706.5
#3	2589.6	31316.	2052.1	32.062	2699.7

Sample Name: PB121904BL Acquired: 8/1/2019 14:20:26 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	-.00084	-.00301	.00042	-.00069	-.02211	.00082	-.00010
Stddev	.00028	.00143	.00120	.00094	.00098	.00792	.00091	.00010
%RSD	4.9971	169.68	40.018	220.55	142.21	35.808	110.90	91.309

#1	.00572	.00054	-.00268	-.00064	-.00013	-.03040	-.00002	-.00001
#2	.00590	-.00231	-.00434	.00081	-.00011	-.02129	.00178	-.00011
#3	.00535	-.00075	-.00200	.00111	-.00183	-.01463	.00069	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.02792	-.00027	.00047	-.00239	-.00132	.00005	-.06469
Stddev	.00006	.03278	.00021	.00017	.00020	.00090	.00002	.09844
%RSD	69.326	117.40	74.852	35.709	8.2290	68.739	44.047	152.17

#1	-.00007	.06475	-.00045	.00031	-.00227	-.00236	.00003	-.09171
#2	-.00003	.00197	-.00032	.00065	-.00228	-.00080	.00005	.04444
#3	-.00014	.01703	-.00005	.00045	-.00261	-.00079	.00007	-.14679

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00072	.27194	-.00002	-.00205	.21138	-.00002	-.00428
Stddev	.00056	.00057	.01692	.00067	.00005	.05342	.00036	.01274
%RSD	89.526	78.762	6.2235	3296.8	2.4770	25.272	1796.3	297.45

#1	.00053	.00137	.27741	.00050	-.00211	.17437	.00035	-.00939
#2	.00124	.00044	.28545	-.00077	-.00202	.18715	-.00037	.01022
#3	.00012	.00035	.25295	.00021	-.00203	.27263	-.00004	-.01367

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00748	-.00497	-.00210	-.00394	.00232	-.0053	-.00004	3.5545
Stddev	.00611	.00188	.00179	.00262	.00190	.0006	.00004	.3743
%RSD	81.775	37.800	85.205	66.565	81.842	10.87	119.93	10.531

#1	.01089	-.00280	-.00020	-.00239	.00415	-.0054	.00001	3.1302
#2	.00042	-.00614	-.00376	-.00247	.00245	-.0058	-.00006	3.8384
#3	.01112	-.00596	-.00234	-.00697	.00036	-.0047	-.00005	3.6948

Sample Name: PB121904BL Acquired: 8/1/2019 14:20:26 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.185
Stddev	4.186
%RSD	24.360

#1	12.360
#2	19.344
#3	19.850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.3	34141.	2115.5	33.352	3073.6
Stddev	6.8	58.	8.6	1.396	4.1
%RSD	.24368	.17041	.40835	4.1845	.13295

#1	2768.4	34117.	2115.3	33.191	3072.7
#2	2770.5	34099.	2107.0	32.043	3070.1
#3	2781.0	34208.	2124.3	34.820	3078.1

Sample Name: PB121904BS Acquired: 8/1/2019 14:24:55 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75157	1.9197	.94699	1.8377	.76244	1.8659	.20295
Stddev	.00184	.0038	.00065	.0017	.00217	.0328	.00178
%RSD	.24504	.19901	.06865	.09443	.28432	1.7608	.87473

#1	.74945	1.9153	.94690	1.8376	.76441	1.8457	.20091
#2	.75258	1.9223	.94768	1.8395	.76281	1.8481	.20376
#3	.75269	1.9214	.94639	1.8360	.76012	1.9038	.20417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19047	.18374	1.0591	.40598	.19682	.30808	3.0721
Stddev	.00067	.00022	.0282	.00039	.00079	.00025	.0063
%RSD	.35107	.11791	2.6611	.09608	.40321	.08265	.20660

#1	.19063	.18350	1.0679	.40554	.19622	.30788	3.0769
#2	.18973	.18381	1.0819	.40611	.19651	.30837	3.0649
#3	.19103	.18392	1.0276	.40628	.19772	.30800	3.0745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20256	2.0370	.48452	.08413	3.1257	.30461	.18720
Stddev	.00038	.0764	.00099	.00090	.0241	.00084	.00046
%RSD	.18582	3.7491	.20447	1.0738	.77128	.27491	.24553

#1	.20238	2.0952	.48498	.08353	3.0979	.30366	.18768
#2	.20231	2.0652	.48339	.08517	3.1384	.30522	.18717
#3	.20299	1.9505	.48520	.08369	3.1408	.30495	.18676

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5074	.39215	.24408	F -.00254	.99954	.65444	.19179
Stddev	.1668	.00134	.01220	.00941	.00179	.00270	.00251
%RSD	1.7545	.34136	4.9969	370.95	.17910	.41230	1.3111

#1	9.3300	.39095	.25681	-.00375	.99775	.65133	.18973
#2	9.5311	.39359	.23250	-.01128	.99955	.65617	.19105
#3	9.6611	.39190	.24292	.00742	1.0013	.65582	.19460

Sample Name: PB121904BS Acquired: 8/1/2019 14:24:55 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20208	5.537	.20169	F 3.9710	F<.00000
Stddev	.00325	.002	.00289	.2869	7.2226
%RSD	1.6078	.0361	1.4334	7.2241	81.720
#1	.19833	5.539	.19835	4.2807	-5.8884
#2	.20415	5.535	.20344	3.7143	-3.5574
#3	.20374	5.537	.20328	3.9179	-17.069
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.6	33577.	2094.5	32.563	2995.8
Stddev	14.2	81.	3.0	.925	14.3
%RSD	.51989	.24028	.14443	2.8422	.47649
#1	2743.4	33508.	2097.6	33.309	3010.0
#2	2733.0	33666.	2094.5	31.527	2996.0
#3	2715.3	33557.	2091.5	32.852	2981.4

Sample Name: K4110-01 Acquired: 8/1/2019 14:29:04 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00340	.07818	.00189	-.01550	.59000	.07789	-.00015
Stddev	.00277	.00055	.00082	.00426	.00279	.01752	.00024	.00012
%RSD	105.24	16.267	1.0462	224.85	17.997	2.9703	.30296	82.799

#1	.00582	-.00276	.07859	.00275	-.01424	.57984	.07816	-.00027
#2	.00079	-.00377	.07724	.00566	-.01357	.57993	.07776	-.00014
#3	.00129	-.00366	.07871	-.00273	-.01870	.61024	.07774	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	14.925	.82363	.02335	13.898	23.450	.45616	1.7805
Stddev	.00004	.136	.00492	.00027	.032	.055	.00075	.0811
%RSD	1.5323	.90915	.59766	1.1427	.23135	.23645	.16373	4.5550

#1	-.00257	14.891	.82279	.02358	13.933	23.470	.45694	1.8123
#2	-.00259	15.075	.82892	.02305	13.870	23.493	.45546	1.6883
#3	-.00265	14.810	.81918	.02341	13.891	23.387	.45608	1.8409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.211	.11734	484.70	.00245	2.1195	225.04	.01559	9.0018
Stddev	.057	.00105	3.14	.00015	.0077	1.47	.00019	.0730
%RSD	.26818	.89742	.64747	6.1181	.36120	.65225	1.2199	.81133

#1	21.226	.11846	483.63	.00262	2.1223	226.63	.01580	9.0823
#2	21.148	.11721	488.24	.00240	2.1108	224.74	.01544	8.9832
#3	21.258	.11637	482.25	.00233	2.1253	223.75	.01552	8.9399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 347.14	7.6571	-.12005	.02886	.02072	3.893	.13382	7.9215
Stddev	.93	.0928	.00169	.00270	.00327	.009	.00120	.2831
%RSD	.26894	1.2121	1.4057	9.3616	15.788	.2244	.89902	3.5741

#1	346.93	7.5500	-.12130	.02694	.02365	3.883	.13244	7.7144
#2	346.33	7.7114	-.11813	.03195	.01719	3.899	.13466	8.2441
#3	348.16	7.7100	-.12071	.02770	.02130	3.898	.13435	7.8059

Sample Name: K4110-01 Acquired: 8/1/2019 14:29:04 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	82.912
Stddev	5.836
%RSD	7.0383

#1	80.623
#2	89.546
#3	78.569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.5	31227.	2051.0	33.804	2720.2
Stddev	8.9	157.	17.8	1.207	9.0
%RSD	.33279	.50426	.86934	3.5710	.33155

#1	2651.9	31079.	2069.3	32.908	2713.5
#2	2669.4	31209.	2033.7	33.327	2730.5
#3	2663.0	31392.	2050.0	35.177	2716.6

Sample Name: CCV03 Acquired: 8/1/2019 14:33:29 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9010	4.8875	4.8617	4.9347	4.8727	9.5410	9.7953	.24889
Stddev	.0179	.0053	.0067	.0027	.0073	.1238	.0939	.00045
%RSD	.36582	.10941	.13736	.05484	.15062	1.2977	.95811	.18105
#1	4.8953	4.8899	4.8594	4.9329	4.8703	9.4162	9.6901	.24940
#2	4.8866	4.8813	4.8565	4.9378	4.8668	9.6638	9.8705	.24872
#3	4.9210	4.8912	4.8692	4.9333	4.8809	9.5428	9.8253	.24855
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4053	24.505	.97644	2.4418	1.2211	4.9269	2.3919	24.616
Stddev	.0032	.104	.00065	.0019	.0017	.0118	.0054	.425
%RSD	.13348	.42549	.06706	.07677	.13489	.24004	.22668	1.7273
#1	2.4040	24.499	.97666	2.4417	1.2215	4.9401	2.3867	24.138
#2	2.4029	24.612	.97570	2.4399	1.2193	4.9173	2.3975	24.952
#3	2.4089	24.404	.97696	2.4437	1.2225	4.9233	2.3915	24.759
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4130	1.2297	24.696	2.4515	2.4336	23.944	4.9048	4.6902
Stddev	.0031	.0046	.226	.0044	.0029	.255	.0124	.0738
%RSD	.12986	.37659	.91328	.17958	.12008	1.0638	.25315	1.5727
#1	2.4094	1.2261	24.443	2.4538	2.4339	23.695	4.8976	4.6478
#2	2.4147	1.2349	24.877	2.4543	2.4305	24.204	4.8977	4.7754
#3	2.4149	1.2281	24.768	2.4464	2.4363	23.932	4.9192	4.6474
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2310	4.8179	4.8859	4.8668	4.6863	5.068	4.9104	F 6.3406
Stddev	.0650	.0474	.0019	.0010	.0336	.008	.0212	.2452
%RSD	1.2418	.98463	.03817	.02087	.71604	.1618	.43260	3.8673
#1	5.2998	4.8613	4.8859	4.8672	4.7193	5.070	4.9221	6.5989
#2	5.2225	4.7673	4.8841	4.8656	4.6523	5.059	4.8859	6.3120
#3	5.1707	4.8251	4.8878	4.8675	4.6874	5.075	4.9233	6.1110

Sample Name: CCV03 Acquired: 8/1/2019 14:33:29 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 14.716
Stddev 3.327
%RSD 22.607

#1 18.405
#2 13.798
#3 11.944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.0	32505.	2071.1	32.157	2787.1
Stddev	4.1	94.	20.8	1.376	5.6
%RSD	.15161	.28982	1.0030	4.2779	.19945

#1	2684.9	32541.	2048.1	32.588	2780.7
#2	2693.1	32398.	2088.5	30.618	2790.2
#3	2689.1	32575.	2076.8	33.266	2790.3

Sample Name: CCB03 Acquired: 8/1/2019 14:37:29 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	.00094	-.00146	-.00257	-.00030	-.02499	.00160	.00005
Stddev	.00242	.00110	.00099	.00172	.00056	.01296	.00044	.00008
%RSD	43.779	116.18	67.802	67.087	187.45	51.867	27.322	148.85

#1	.00280	-.00029	-.00179	-.00284	-.00082	-.01400	.00168	-.00001
#2	.00741	.00181	-.00035	-.00415	.00030	-.03928	.00112	.00002
#3	.00637	.00130	-.00225	-.00073	-.00038	-.02169	.00198	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02321	.00032	-.00000	-.00195	-.00060	.00001	.03164
Stddev	.00006	.00882	.00062	.00040	.00069	.00075	.00002	.03424
%RSD	247.92	38.017	195.44	9105.8	35.216	125.17	256.98	108.21

#1	.00009	.03246	.00011	-.00038	-.00216	-.00126	.00003	.06057
#2	-.00001	.02227	-.00017	.00042	-.00252	.00022	-.00000	-.00616
#3	-.00001	.01489	.00101	-.00005	-.00119	-.00075	-.00000	.04051

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00001	.16897	.00022	-.00201	.15275	.00084	-.00383
Stddev	.00016	.00058	.01215	.00083	.00013	.06364	.00046	.01425
%RSD	22.260	4275.9	7.1930	383.42	6.3792	41.667	54.520	371.49

#1	.00081	-.00057	.16533	.00077	-.00187	.16193	.00114	.01208
#2	.00080	.00060	.15905	.00061	-.00205	.08501	.00107	-.00818
#3	.00053	.00001	.18253	-.00073	-.00212	.21130	.00031	-.01540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08123	.00085	-.00239	-.00073	.00011	-.0036	-.00016	3.5136
Stddev	.00807	.00217	.00065	.00350	.00166	.0033	.00003	.2752
%RSD	9.9354	254.91	27.174	479.87	1463.2	91.20	18.279	7.8322

#1	.09055	.00008	-.00173	-.00150	-.00034	-.0030	-.00013	3.2321
#2	.07675	.00330	-.00240	.00309	-.00128	-.0072	-.00018	3.7820
#3	.07640	-.00083	-.00302	-.00377	.00196	-.0007	-.00017	3.5266

Sample Name: CCB03 Acquired: 8/1/2019 14:37:29 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.767
Stddev	5.806
%RSD	30.936

#1	23.903
#2	19.932
#3	12.467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.6	33811.	2100.5	33.045	3070.5
Stddev	2.8	96.	27.4	.644	.7
%RSD	.09950	.28338	1.3066	1.9490	.02366

#1	2770.8	33768.	2075.4	33.441	3070.2
#2	2775.8	33743.	2096.3	33.393	3070.0
#3	2771.2	33920.	2129.8	32.302	3071.4

Sample Name: K4066-17 Acquired: 8/1/2019 15:46:53 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00117	-0.15791	21.743	-0.01029	.00595	436.35	6.0902
Stddev	.00093	.00308	.067	.00255	.00181	1.78	.0135
%RSD	79.689	1.9513	.30714	24.797	30.395	.40904	.22194

#1	-0.00219	-0.15462	21.794	-0.01205	.00788	436.43	6.0906
#2	-0.00035	-0.16073	21.768	-0.00736	.00430	434.53	6.0766
#3	-0.00097	-0.15839	21.667	-0.01145	.00567	438.10	6.1036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04552	.15784	256.49	.27823	.94450	2.2070	298.72
Stddev	.00027	.00066	.84	.00086	.00298	.0034	.93
%RSD	.59730	.41505	.32747	.30750	.31544	.15491	.31238

#1	.04583	.15843	257.25	.27913	.94775	2.2109	297.70
#2	.04539	.15795	255.59	.27811	.94383	2.2058	299.53
#3	.04534	.15713	256.64	.27744	.94191	2.2044	298.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.732	127.78	1.2440	1.4385	441.07	.81411	8.1545
Stddev	.068	.55	.0032	.0049	4.10	.00109	.0173
%RSD	.27319	.42988	.25409	.34257	.92886	.13358	.21186

#1	24.765	127.45	1.2413	1.4332	436.85	.81413	8.1702
#2	24.776	127.47	1.2475	1.4429	441.32	.81518	8.1574
#3	24.654	128.41	1.2434	1.4395	445.03	.81301	8.1360

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.288	-0.00883	-0.08718	F 20.124	F 97.640	.05308	.52410
Stddev	.270	.00036	.01415	.024	.356	.00177	.01539
%RSD	.50633	4.1300	16.235	.11802	.36454	3.3311	2.9365

#1	53.324	-0.00924	-0.08999	20.120	98.005	.05150	.54148
#2	53.002	-0.00855	-0.07183	20.103	97.620	.05499	.51862
#3	53.537	-0.00870	-0.09972	20.150	97.294	.05275	.51219

Sample Name: K4066-17 Acquired: 8/1/2019 15:46:53 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40674	F 80.72	.87320	^ *****	F<.00000
Stddev	.00120	.15	.00468	-----	17.351
%RSD	.29398	.1890	.53584	-----	1.8650
#1	.40653	80.85	.87763	^ -----	-948.56
#2	.40566	80.75	.86831	^ -----	-928.44
#3	.40802	80.55	.87368	^ -----	-914.01
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6515.5	78964.	5585.8	28.738	1944.0
Stddev	15.8	129.	19.1	1.282	7.3
%RSD	.24212	.16325	.34247	4.4622	.37474
#1	6510.5	78971.	5564.7	28.093	1942.1
#2	6502.9	79089.	5602.1	27.906	1937.9
#3	6533.2	78831.	5590.6	30.214	1952.1

Sample Name: K4111-01 Acquired: 8/1/2019 15:51:43 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00134	.00043	.00303	.00029	-.03009	.00130	.00002
Stddev	.00431	.00050	.00084	.00337	.00144	.00935	.00062	.00013
%RSD	467.63	37.335	195.67	111.14	504.66	31.057	47.846	560.76

#1	.00237	-.00082	.00138	.00009	.00176	-.02046	.00185	.00005
#2	-.00581	-.00182	.00011	.00672	-.00113	-.03070	.00062	.00013
#3	.00067	-.00140	-.00021	.00230	.00023	-.03912	.00144	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.08062	.00110	.00013	-.00081	.45815	.01031	-.06114
Stddev	.00000	.03095	.00031	.00022	.00085	.00585	.00019	.11543
%RSD	2.2366	38.385	28.141	172.29	104.31	1.2766	1.8808	188.78

#1	-.00017	.07533	.00075	.00005	.00017	.45985	.01034	-.08248
#2	-.00017	.05266	.00132	-.00005	-.00132	.46296	.01049	-.16442
#3	-.00018	.11388	.00124	.00037	-.00129	.45164	.01011	.06346

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00208	1.2064	-.00005	.00628	.65444	.00018	-.02881
Stddev	.00033	.00036	.0236	.00078	.00004	.05866	.00021	.02222
%RSD	8.9815	17.378	1.9554	1663.5	.55880	8.9641	115.64	77.127

#1	.00373	.00240	1.2168	.00055	.00624	.58705	-.00005	-.02236
#2	.00335	.00169	1.2231	.00023	.00629	.68216	.00036	-.05355
#3	.00401	.00215	1.1794	-.00092	.00631	.69410	.00022	-.01053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14515	.06676	-.00192	-.00311	.00354	.0280	-.00031	3.1716
Stddev	.02196	.00875	.00108	.00109	.00063	.0017	.00007	.3137
%RSD	15.133	13.105	56.323	34.984	17.864	6.127	22.994	9.8899

#1	.16966	.07681	-.00176	-.00204	.00322	.0279	-.00026	3.1122
#2	.13852	.06269	-.00308	-.00308	.00426	.0298	-.00039	2.8918
#3	.12726	.06080	-.00093	-.00421	.00312	.0264	-.00029	3.5107

Sample Name: K4111-01 Acquired: 8/1/2019 15:51:43 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1963
 Stddev 6.1963
 %RSD 517.97

#1 -1.5994
 #2 8.2978
 #3 -3.1096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.4	33276.	2065.8	33.602	2970.2
Stddev	1.8	194.	15.1	1.526	4.4
%RSD	.06653	.58214	.73173	4.5425	.14906

#1	2688.2	33178.	2061.8	35.164	2975.1
#2	2688.7	33150.	2053.1	33.527	2969.3
#3	2685.4	33499.	2082.5	32.114	2966.4

Sample Name: K4111-01DUP Acquired: 8/1/2019 15:56:11 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	-.00091	-.00030	.00013	-.00014	-.02995	.00138	-.00006
Stddev	.00137	.00200	.00078	.00516	.00156	.01305	.00022	.00008
%RSD	125.83	219.81	264.58	3854.1	1097.1	43.567	16.252	146.06

#1	-.00047	-.00146	-.00107	.00539	.00160	-.02843	.00130	-.00009
#2	.00162	-.00258	-.00032	-.00492	-.00061	-.01774	.00120	.00004
#3	.00210	.00131	.00050	-.00007	-.00141	-.04370	.00163	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.06828	.00191	-.00002	-.00077	.45243	.00995	.05579
Stddev	.00002	.01495	.00073	.00017	.00051	.00267	.00013	.09214
%RSD	14.270	21.890	38.313	756.23	65.801	.59100	1.3354	165.15

#1	-.00011	.07488	.00219	.00009	-.00022	.45105	.00990	-.04950
#2	-.00013	.07880	.00108	.00006	-.00088	.45552	.00984	.12170
#3	-.00010	.05117	.00247	-.00022	-.00121	.45074	.01010	.09517

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	.00272	.39984	-.00035	.00595	.31402	.00050	-.00666
Stddev	.00057	.00035	.02157	.00033	.00014	.06683	.00051	.02300
%RSD	15.720	13.031	5.3957	93.167	2.3371	21.283	100.33	345.18

#1	.00303	.00260	.37498	-.00022	.00599	.24604	.00069	.01749
#2	.00416	.00243	.41363	-.00072	.00607	.31640	.00089	-.02830
#3	.00373	.00311	.41091	-.00011	.00580	.37964	-.00007	-.00918

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07088	.03514	-.00216	-.00102	.00201	.0399	-.00034	3.9714
Stddev	.00659	.00218	.00063	.00038	.00304	.0020	.00003	.2938
%RSD	9.2968	6.2155	28.933	37.061	150.66	5.084	10.315	7.3973

#1	.07839	.03702	-.00284	-.00061	.00308	.0386	-.00030	4.2263
#2	.06822	.03566	-.00202	-.00110	.00437	.0423	-.00035	4.0377
#3	.06604	.03274	-.00162	-.00136	-.00141	.0390	-.00036	3.6501

Sample Name: K4111-01DUP Acquired: 8/1/2019 15:56:11 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.2660
Stddev 3.4785
%RSD 55.513

#1 6.3274
#2 2.7573
#3 9.7134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.6	33459.	2085.2	34.755	2949.9
Stddev	4.2	36.	9.6	.637	6.1
%RSD	.15641	.10675	.45947	1.8335	.20587

#1	2675.8	33428.	2093.5	34.911	2942.9
#2	2683.4	33498.	2074.7	35.300	2952.7
#3	2682.7	33451.	2087.5	34.055	2954.0

Sample Name: K4111-01LX5 Acquired: 8/1/2019 16:00:37 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.00119	-.00071	.00072	-.00039	-.02701	.00088	.00003
Stddev	.00097	.00106	.00081	.00338	.00320	.01914	.00121	.00010
%RSD	51.240	88.969	114.66	470.38	829.61	70.852	137.32	338.11

#1	.00113	-.00187	-.00164	-.00146	.00119	-.04244	.00227	.00014
#2	.00298	-.00174	-.00036	.00461	.00172	-.03299	.00004	-.00002
#3	.00155	.00003	-.00013	-.00099	-.00406	-.00560	.00033	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.03171	.00079	.00033	-.00198	.09003	.00210	.00129
Stddev	.00001	.02356	.00049	.00016	.00025	.00033	.00000	.02701
%RSD	12.823	74.285	62.387	47.894	12.454	.36695	.06589	2092.4

#1	-.00010	.00785	.00122	.00037	-.00180	.08967	.00210	-.00001
#2	-.00011	.05495	.00026	.00016	-.00188	.09031	.00210	-.02504
#3	-.00009	.03232	.00087	.00046	-.00226	.09011	.00210	.02893

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00115	.21357	-.00032	-.00021	.12035	-.00039	-.03143
Stddev	.00028	.00021	.02053	.00026	.00012	.02594	.00014	.01056
%RSD	42.660	18.381	9.6116	80.001	56.640	21.549	35.520	33.610

#1	.00034	.00138	.20514	-.00062	-.00026	.13804	-.00028	-.02332
#2	.00087	.00097	.19860	-.00016	-.00007	.13244	-.00034	-.04338
#3	.00077	.00110	.23697	-.00019	-.00028	.09058	-.00054	-.02760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02674	.00318	-.00276	-.00175	.00211	.0035	-.00002	4.0102
Stddev	.00323	.00293	.00049	.00334	.00092	.0004	.00010	.3370
%RSD	12.088	92.281	17.780	191.37	43.761	11.52	636.51	8.4033

#1	.02562	.00382	-.00314	.00207	.00282	.0038	-.00013	3.8318
#2	.02422	-.00002	-.00294	-.00317	.00107	.0030	.00006	3.8000
#3	.03038	.00574	-.00221	-.00415	.00244	.0037	.00003	4.3989

Sample Name: K4111-01LX5 Acquired: 8/1/2019 16:00:37 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.3163
Stddev 2.3834
%RSD 32.577

#1 4.8306
#2 9.5823
#3 7.5360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2713.5	33727.	2079.4	33.037	3005.0
Stddev	5.5	90.	7.1	1.213	4.6
%RSD	.20260	.26680	.34314	3.6726	.15275

#1	2713.0	33626.	2076.0	31.886	3000.6
#2	2708.3	33799.	2087.6	34.305	3004.7
#3	2719.2	33756.	2074.7	32.920	3009.7

Sample Name: K4111-01MS Acquired: 8/1/2019 16:05:05 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81676	2.1004	1.0275	2.0179	.83459	2.0405	.21896
Stddev	.00138	.0044	.0021	.0066	.00127	.0159	.00117
%RSD	.16944	.20973	.20410	.32436	.15214	.77937	.53607

#1	.81639	2.1005	1.0280	2.0231	.83336	2.0223	.21780
#2	.81829	2.0960	1.0252	2.0199	.83452	2.0518	.22015
#3	.81559	2.1048	1.0292	2.0105	.83590	2.0474	.21894

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20843	.19956	1.2144	.44160	.21423	.33491	3.7696
Stddev	.00067	.00019	.0132	.00071	.00028	.00059	.0058
%RSD	.32023	.09647	1.0838	.16186	.13111	.17754	.15466

#1	.20775	.19969	1.2007	.44141	.21455	.33492	3.7732
#2	.20908	.19934	1.2155	.44239	.21404	.33550	3.7629
#3	.20847	.19965	1.2269	.44100	.21409	.33431	3.7728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22913	2.0294	.53143	.09216	3.3411	.33183	.20794
Stddev	.00051	.0529	.00093	.00120	.0276	.00160	.00010
%RSD	.22365	2.6065	.17479	1.2988	.82710	.48340	.04649

#1	.22965	2.0887	.53101	.09206	3.3214	.33109	.20806
#2	.22911	2.0126	.53079	.09101	3.3292	.33367	.20789
#3	.22862	1.9870	.53250	.09340	3.3727	.33072	.20788

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.195	.42692	.30110	.02206	1.1282	.71258	.21145
Stddev	.033	.00087	.02538	.00523	.0069	.00302	.00199
%RSD	.32388	.20344	8.4280	23.714	.61489	.42349	.94220

#1	10.163	.42710	.28499	.02597	1.1248	.71534	.20918
#2	10.191	.42598	.33035	.02410	1.1362	.70936	.21227
#3	10.229	.42769	.28796	.01612	1.1236	.71304	.21290

Sample Name: K4111-01MS Acquired: 8/1/2019 16:05:05 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22116	6.137	.21908	4.0727	F<.00000
Stddev	.00641	.009	.00237	.2375	7.6003
%RSD	2.8973	.1454	1.0801	5.8312	129.97
#1	.21381	6.127	.21643	3.9311	-7.1957
#2	.22559	6.139	.22100	3.9401	2.3363
#3	.22408	6.144	.21980	4.3469	-12.684
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.4	33325.	2054.8	32.533	2951.9
Stddev	5.3	75.	8.1	.663	6.0
%RSD	.19664	.22580	.39599	2.0386	.20189
#1	2681.4	33245.	2060.8	33.120	2946.2
#2	2689.3	33334.	2045.6	32.664	2951.4
#3	2691.5	33395.	2058.1	31.814	2958.1

Sample Name: K4111-01MSD Acquired: 8/1/2019 16:09:12 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79390	2.0350	.99427	1.9565	.81087	1.9846	.21339
Stddev	.00495	.0029	.00101	.0071	.00157	.0147	.00094
%RSD	.62293	.14394	.10200	.36372	.19317	.74073	.43990

#1	.79595	2.0371	.99449	1.9645	.81002	1.9993	.21262
#2	.78826	2.0362	.99516	1.9510	.81268	1.9699	.21311
#3	.79749	2.0316	.99316	1.9538	.80991	1.9846	.21443

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20142	.19301	1.1696	.43091	.20729	.32571	3.6612
Stddev	.00056	.00031	.0327	.00029	.00035	.00064	.0092
%RSD	.27722	.15864	2.7983	.06707	.16813	.19607	.25240

#1	.20205	.19336	1.1510	.43071	.20768	.32642	3.6656
#2	.20120	.19277	1.2074	.43124	.20701	.32517	3.6673
#3	.20100	.19291	1.1504	.43078	.20717	.32556	3.6505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22314	2.0039	.51361	.08951	3.2397	.31969	.20115
Stddev	.00035	.0324	.00032	.00055	.0176	.00174	.00039
%RSD	.15517	1.6169	.06180	.61792	.54481	.54452	.19172

#1	.22274	2.0159	.51391	.08924	3.2513	.32100	.20072
#2	.22334	2.0286	.51328	.08915	3.2485	.32036	.20145
#3	.22333	1.9672	.51366	.09015	3.2194	.31772	.20128

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9915	.41666	.30003	.01801	1.0810	.69369	.20193
Stddev	.0418	.00016	.02585	.00621	.0140	.00136	.00317
%RSD	.41879	.03952	8.6145	34.480	1.2945	.19601	1.5678

#1	9.9700	.41655	.32720	.01478	1.0649	.69389	.19894
#2	9.9648	.41685	.29713	.01409	1.0894	.69494	.20160
#3	10.040	.41657	.27575	.02517	1.0889	.69224	.20525

Sample Name: K4111-01MSD Acquired: 8/1/2019 16:09:12 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21607	5.939	.21162	3.9209	F<.00000
Stddev	.00470	.011	.00267	.2464	4.8181
%RSD	2.1736	.1911	1.2627	6.2843	40.604

#1	.21068	5.945	.20854	4.0021	-10.715
#2	.21932	5.947	.21309	3.6442	-7.7277
#3	.21819	5.926	.21324	4.1165	-17.155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.2	33239.	2072.2	34.033	2968.2
Stddev	3.2	34.	29.6	1.115	5.4
%RSD	.11938	.10308	1.4272	3.2777	.18232

#1	2691.6	33210.	2106.0	33.543	2966.0
#2	2691.1	33230.	2059.6	35.309	2964.3
#3	2696.9	33276.	2051.0	33.245	2974.4

Sample Name: K4111-01A Acquired: 8/1/2019 16:13:20 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80380	2.0596	1.0095	1.9834	.81940	2.0020	.21588
Stddev	.00284	.0043	.0022	.0062	.00185	.0323	.00204
%RSD	.35298	.20829	.22114	.31334	.22577	1.6143	.94614

#1	.80684	2.0559	1.0084	1.9903	.82130	1.9769	.21366
#2	.80122	2.0585	1.0079	1.9784	.81761	1.9906	.21628
#3	.80333	2.0643	1.0120	1.9815	.81930	2.0384	.21768

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20449	.19568	1.1772	.43520	.21053	.32983	3.7073
Stddev	.00060	.00009	.0377	.00132	.00023	.00087	.0077
%RSD	.29189	.04684	3.2026	.30325	.11120	.26352	.20842

#1	.20387	.19576	1.1415	.43667	.21070	.32894	3.7010
#2	.20454	.19558	1.1736	.43483	.21062	.32987	3.7051
#3	.20506	.19572	1.2166	.43411	.21026	.33067	3.7159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22509	2.0710	.52032	.09134	3.2030	.32322	.20426
Stddev	.00022	.0661	.00097	.00073	.0598	.00044	.00029
%RSD	.09658	3.1904	.18626	.79774	1.8667	.13509	.14318

#1	.22485	2.0600	.51951	.09141	3.1409	.32347	.20402
#2	.22515	2.0111	.52005	.09058	3.2080	.32272	.20417
#3	.22527	2.1419	.52139	.09203	3.2601	.32347	.20458

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.060	.42071	.28658	.01629	1.1016	.69943	.20412
Stddev	.158	.00138	.02145	.00249	.0020	.00230	.00637
%RSD	1.5667	.32833	7.4857	15.274	.18466	.32878	3.1189

#1	9.9087	.41925	.29002	.01576	1.1038	.70036	.19836
#2	10.049	.42199	.26361	.01900	1.0998	.69681	.20305
#3	10.223	.42090	.30610	.01411	1.1011	.70111	.21096

Sample Name: K4111-01A Acquired: 8/1/2019 16:13:20 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22002	5.996	.21526	4.4583	F<.00000
Stddev	.00271	.012	.00281	.2693	3.1304
%RSD	1.2328	.1982	1.3075	6.0410	95.991
#1	.22052	6.010	.21210	4.3847	-6.7264
#2	.21709	5.989	.21619	4.2335	-2.4196
#3	.22244	5.990	.21749	4.7568	-.63760
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.0	33318.	2063.3	33.215	2959.6
Stddev	6.4	31.	4.3	.872	5.6
%RSD	.23897	.09306	.21077	2.6242	.18978
#1	2681.4	33349.	2068.3	33.580	2955.5
#2	2694.0	33318.	2060.4	32.220	2966.0
#3	2685.5	33287.	2061.2	33.845	2957.4

Sample Name: K4113-01 Acquired: 8/1/2019 16:17:29 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	-.00165	-.00163	.00387	-.00106	-.03194	.00101	-.00002
Stddev	.00126	.00232	.00044	.00121	.00198	.01217	.00096	.00002
%RSD	52.773	140.40	26.854	31.257	187.59	38.095	95.113	93.755

#1	.00258	.00053	-.00185	.00258	.00058	-.04575	.00209	-.00001
#2	.00356	-.00410	-.00112	.00406	-.00049	-.02276	.00028	-.00001
#3	.00105	-.00139	-.00191	.00498	-.00326	-.02732	.00064	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.05899	.00092	.00002	-.00166	.03652	.00103	-.03278
Stddev	.00009	.02806	.00034	.00025	.00038	.00061	.00008	.04482
%RSD	55.877	47.574	36.545	1472.5	22.846	1.6633	7.5786	136.72

#1	-.00007	.06868	.00113	.00024	-.00123	.03654	.00107	-.08226
#2	-.00015	.08091	.00109	.00006	-.00190	.03712	.00094	-.02117
#3	-.00025	.02736	.00053	-.00026	-.00187	.03591	.00108	.00509

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	-.00016	.05112	.00021	.00387	.08331	.00019	.01123
Stddev	.00039	.00015	.01052	.00084	.00012	.07349	.00001	.01711
%RSD	33.363	95.014	20.580	390.40	3.1057	88.211	6.7155	152.31

#1	.00072	-.00026	.04373	-.00075	.00373	.14509	.00019	.02740
#2	.00135	.00001	.04646	.00063	.00396	.00204	.00018	.01300
#3	.00144	-.00023	.06316	.00077	.00391	.10280	.00020	-.00669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01011	.00345	-.00266	-.00241	-.00306	-.0027	.00009	3.7332
Stddev	.00310	.00267	.00084	.00154	.00075	.0015	.00009	.1773
%RSD	30.630	77.471	31.606	64.078	24.551	55.83	102.99	4.7500

#1	.01214	.00648	-.00183	-.00409	-.00219	-.0027	.00019	3.5288
#2	.01165	.00241	-.00262	-.00205	-.00351	-.0012	.00005	3.8460
#3	.00655	.00145	-.00351	-.00107	-.00348	-.0042	.00003	3.8247

Sample Name: K4113-01 Acquired: 8/1/2019 16:17:29 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.508
Stddev 1.018
%RSD 9.6894

#1 9.4069
#2 10.703
#3 11.415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.4	33788.	2095.4	33.402	2983.8
Stddev	1.6	232.	1.6	1.151	1.6
%RSD	.05905	.68519	.07788	3.4464	.05245

#1	2710.9	33546.	2096.8	32.330	2985.5
#2	2714.1	33812.	2093.6	34.618	2983.4
#3	2712.2	34007.	2095.8	33.257	2982.4

Sample Name: CCV04 Acquired: 8/1/2019 16:21:58 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9457	4.9429	4.8877	4.9947	4.9164	9.4894	9.7680	.25178
Stddev	.0073	.0118	.0068	.0041	.0034	.1897	.1045	.00055
%RSD	.14839	.23945	.13999	.08224	.07025	1.9992	1.0694	.21712
#1	4.9377	4.9308	4.8798	4.9905	4.9170	9.3354	9.6618	.25173
#2	4.9471	4.9434	4.8918	4.9988	4.9127	9.4315	9.7716	.25235
#3	4.9522	4.9545	4.8916	4.9947	4.9195	9.7013	9.8706	.25126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4151	24.425	.97369	2.4566	1.2306	4.9245	2.3845	24.551
Stddev	.0016	.149	.00295	.0021	.0040	.0116	.0072	.418
%RSD	.06713	.60825	.30322	.08496	.32944	.23547	.30305	1.7036
#1	2.4137	24.254	.97196	2.4591	1.2306	4.9119	2.3850	24.152
#2	2.4146	24.497	.97202	2.4553	1.2265	4.9268	2.3771	24.515
#3	2.4169	24.523	.97710	2.4556	1.2347	4.9348	2.3915	24.986
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4178	1.2338	24.305	2.4464	2.4479	23.573	4.9301	4.6658
Stddev	.0027	.0030	.239	.0051	.0017	.319	.0121	.1137
%RSD	.11325	.24181	.98373	.20735	.07103	1.3519	.24462	2.4378
#1	2.4162	1.2337	24.066	2.4422	2.4483	23.386	4.9326	4.6134
#2	2.4162	1.2309	24.305	2.4450	2.4461	23.392	4.9170	4.5877
#3	2.4210	1.2368	24.544	2.4520	2.4495	23.941	4.9407	4.7963
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9841	4.9026	4.9249	4.8832	4.6481	5.169	4.8939	F 6.7429
Stddev	.0174	.0536	.0096	.0256	.0281	.009	.0254	.3064
%RSD	.34832	1.0935	.19410	.52383	.60417	.1695	.51804	4.5434
#1	5.0008	4.9561	4.9225	4.8618	4.6666	5.164	4.8985	6.3907
#2	4.9662	4.9028	4.9354	4.8761	4.6620	5.179	4.9167	6.9474
#3	4.9852	4.8489	4.9167	4.9115	4.6158	5.164	4.8666	6.8907

Sample Name: CCV04 Acquired: 8/1/2019 16:21:58 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 19.633
Stddev	4.267
%RSD	21.736

#1	23.861
#2	19.709
#3	15.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2686.4	32869.	2092.2	32.822	2788.7
Stddev	5.1	87.	24.7	.924	1.2
%RSD	.18968	.26445	1.1812	2.8153	.04245

#1	2682.3	32953.	2071.9	33.396	2787.4
#2	2692.1	32875.	2084.9	31.756	2789.1
#3	2684.9	32780.	2119.7	33.314	2789.7

Sample Name: CCB04 Acquired: 8/1/2019 16:25:56 Type: Unk
Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	-.00015	-.00070	.00068	-.00010	-.04486	.00112	-.00001
Stddev	.00400	.00125	.00114	.00182	.00192	.01211	.00023	.00008
%RSD	153.85	809.20	162.85	265.91	1930.4	26.988	20.791	641.01

#1	.00105	-.00143	-.00111	-.00060	-.00146	-.05879	.00086	.00003
#2	.00715	.00106	.00059	.00276	-.00093	-.03695	.00118	.00004
#3	-.00040	-.00009	-.00157	-.00011	.00209	-.03883	.00131	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01539	.00046	-.00001	-.00198	-.00124	.00001	-.00421
Stddev	.00006	.02131	.00022	.00016	.00028	.00056	.00007	.06090
%RSD	158.76	138.45	46.652	1097.6	13.947	45.298	449.38	1445.8

#1	.00003	-.00881	.00067	-.00017	-.00166	-.00168	.00008	-.07451
#2	-.00004	.02366	.00024	.00015	-.00215	-.00061	-.00005	.03226
#3	-.00010	.03132	.00049	-.00003	-.00213	-.00142	.00001	.02961

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00045	.02127	.00045	-.00209	.12218	.00009	-.00255
Stddev	.00045	.00039	.00411	.00037	.00008	.05042	.00013	.02928
%RSD	95.376	86.055	19.308	82.137	3.8991	41.267	143.17	1148.6

#1	.00073	.00085	.02323	.00041	-.00205	.12318	.00024	.00514
#2	-.00005	.00044	.02404	.00010	-.00205	.17209	.00002	.02212
#3	.00074	.00007	.01655	.00083	-.00219	.07127	.00002	-.03491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00066	-.00105	.00004	-.00045	-.0058	-.00017	F 4.3279
Stddev	.00684	.00254	.00096	.00293	.00183	.0038	.00012	.1906
%RSD	1686.0	382.11	91.464	6855.1	406.05	65.20	74.466	4.4048

#1	.00521	.00067	-.00023	.00165	-.00256	-.0063	-.00010	4.4137
#2	.00344	-.00359	-.00082	.00182	.00048	-.0018	-.00009	4.4605
#3	-.00743	.00093	-.00212	-.00334	.00073	-.0093	-.00031	4.1094

Sample Name: CCB04 Acquired: 8/1/2019 16:25:56 Type: Unk
 Method: P4-ICP2(v3310) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 14.341
 Stddev 2.364
 %RSD 16.484

#1 11.957
 #2 16.685
 #3 14.379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.2	33889.	2100.8	34.492	3050.7
Stddev	5.3	104.	18.2	.992	5.1
%RSD	.19419	.30675	.86438	2.8757	.16568

#1	2744.2	33903.	2086.7	35.573	3046.8
#2	2752.5	33778.	2094.5	33.623	3049.0
#3	2754.1	33984.	2121.3	34.282	3056.4