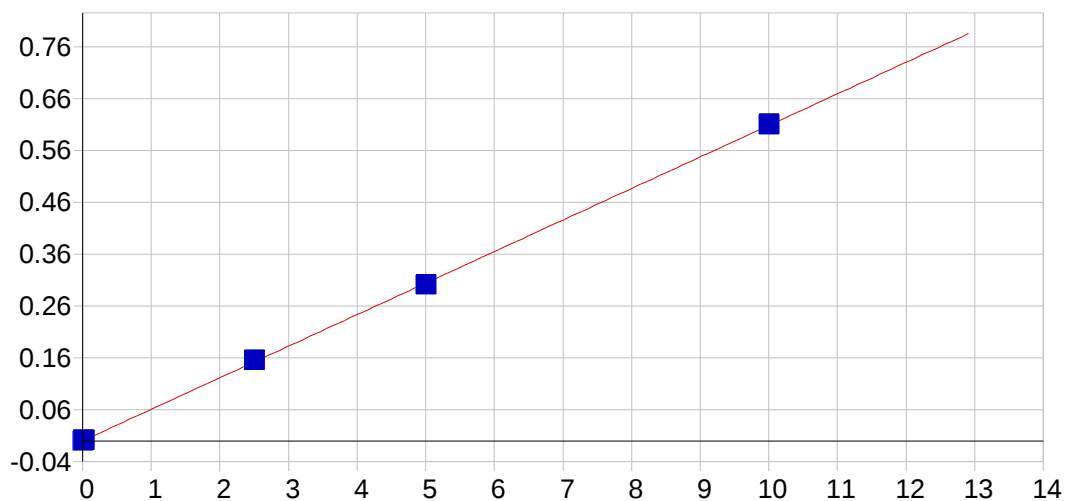


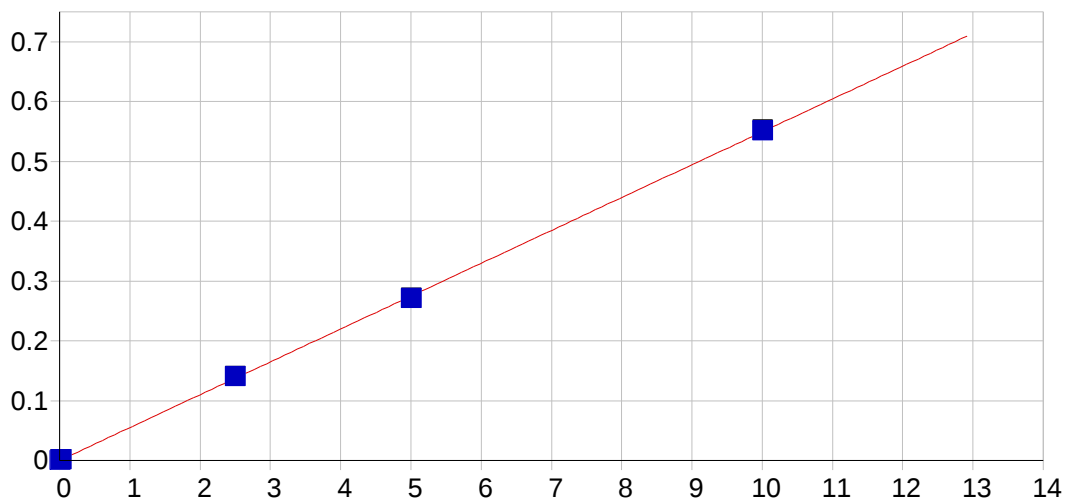


As 189.042 {478}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.060807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.004128
 Predicted MQL: 0.013760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.02000	.01782	-.002	-10.9	.00107	.000	1
S3	2.5000	2.5459	.046	1.84	.15478	.000	1
S4	5.0000	4.9372	-.063	-1.26	.30018	.001	1
S5	10.000	10.019	.019	.191	.60917	.001	1



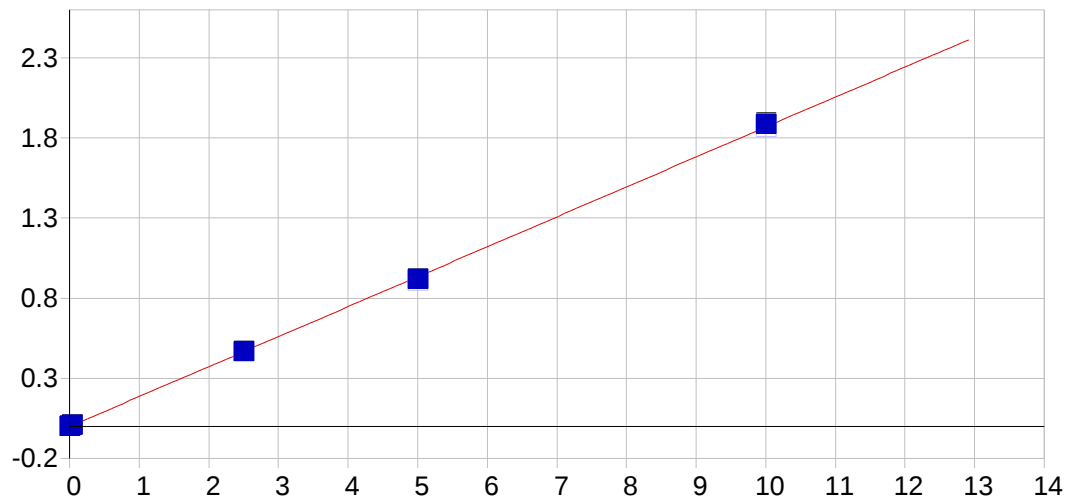
As 189.042 {479}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000104 Re-Slope: 1.000000

A1 (Gain): 0.054924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003354
 Predicted MQL: 0.011181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.02000	.01851	-.001	-7.47	.00112	.000	1
S3	2.5000	2.5435	.043	1.74	.13980	.000	1
S4	5.0000	4.9278	-.072	-1.44	.27076	.000	1
S5	10.000	10.030	.030	.302	.55101	.001	1

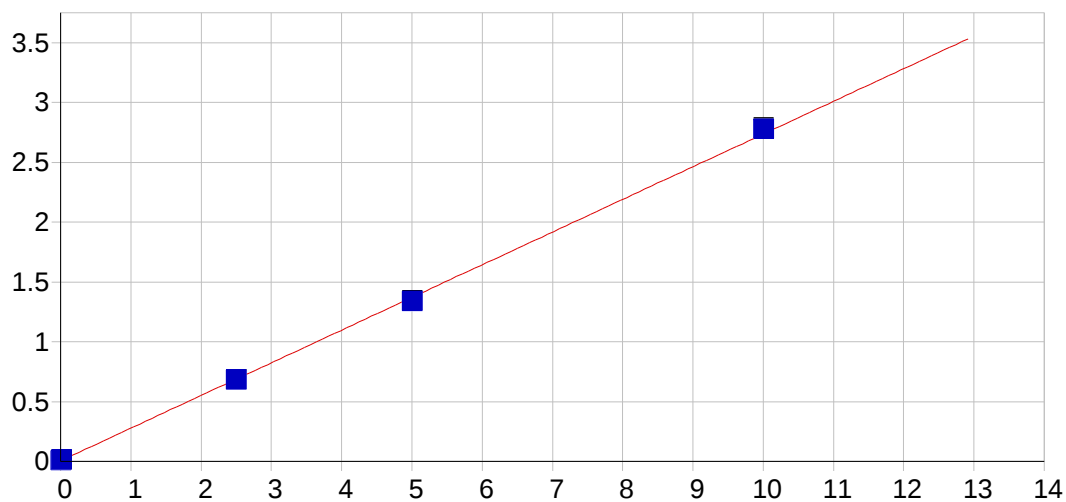


TI 190.856 {477}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000332 Re-Slope: 1.000000
 A1 (Gain): 0.186901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001400
 Predicted MQL: 0.004667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.04000	.04109	.001	2.72	.00715	.000	1
S3	2.5000	2.4993	-.001	-.030	.46199	.001	1
S4	5.0000	4.9098	-.090	-1.80	.90774	.002	1
S5	10.000	10.090	.090	.898	1.8663	.007	1

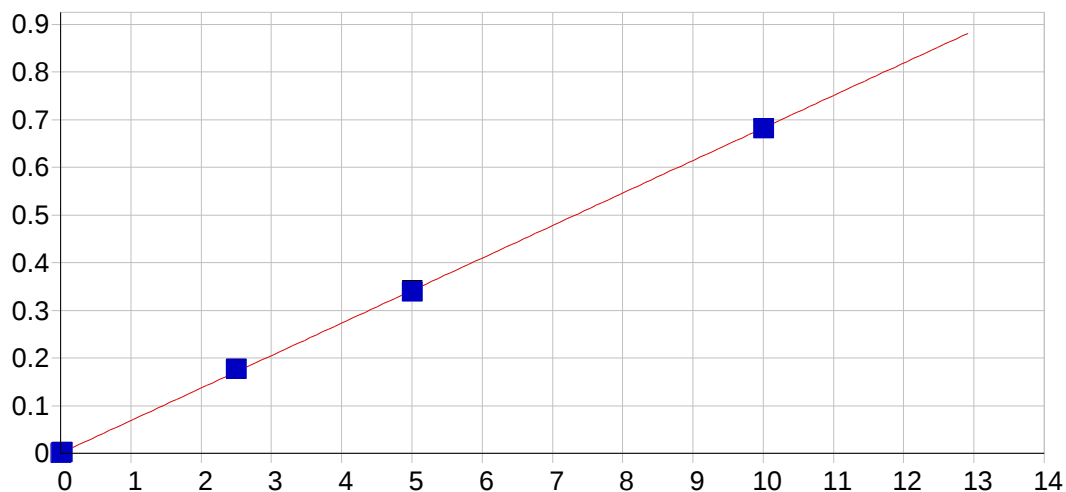


Pb 220.353 {453}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004810 Re-Slope: 1.000000
 A1 (Gain): 0.273128 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.001333
 Predicted MQL: 0.004444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00481	.000	1
S1	.01200	.01231	.000	2.61	.00811	.000	1
S3	2.5000	2.4730	-.027	-1.08	.67933	.001	1
S4	5.0000	4.8703	-.130	-2.59	1.3332	.006	1
S5	10.000	10.156	.156	1.56	2.7751	.008	1



Se 196.090 {472}

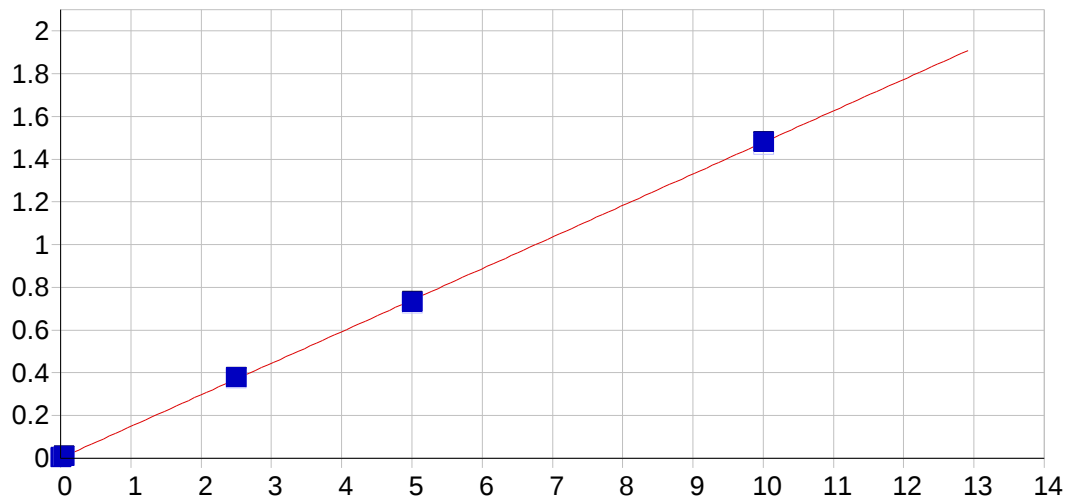
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000407 Re-Slope: 1.000000
 A1 (Gain): 0.068196 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000018
 Predicted MDL: 0.003741
 Predicted MQL: 0.012469

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.02000	.02010	.000	.489	.00178	.000	1
S3	2.5000	2.5643	.064	2.57	.17525	.000	1
S4	5.0000	4.9648	-.035	-.703	.33892	.002	1
S5	10.000	9.9707	-.029	-.293	.68022	.001	1



Sb 206.833 {463}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

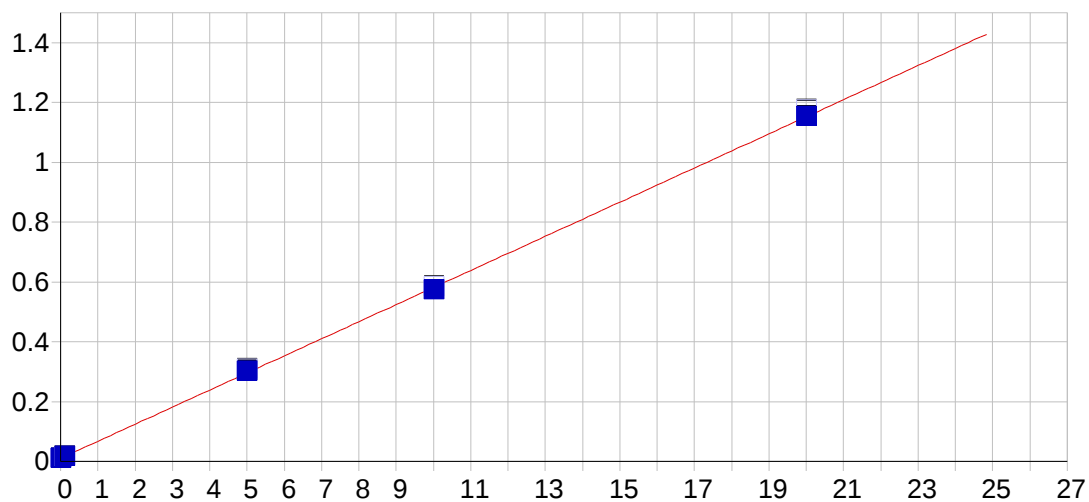
Weighting: 1/Conc

A0 (Offset): 0.001542
 A1 (Gain): 0.147690
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000051
 Predicted MDL: 0.002202
 Predicted MQL: 0.007339

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	.00154	.000	1
S1	.05000	.05265	.003	5.30	.00913	.000	1
S3	2.5000	2.5390	.039	1.56	.37238	.000	1
S4	5.0000	4.9432	-.057	-1.14	.72330	.002	1
S5	10.000	10.015	.015	.151	1.4641	.001	1

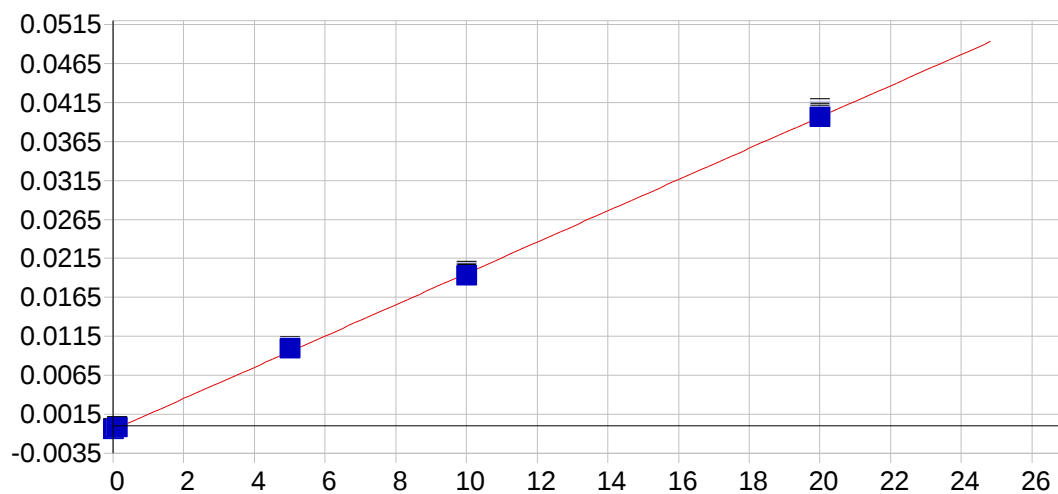


AI 308.215 {109}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010162 Re-Slope: 1.000000
 A1 (Gain): 0.057103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.003476
 Predicted MQL: 0.011587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01016	.000	1
S1	.10000	.11528	.015	15.3	.01714	.000	1
S3	5.0000	5.1142	.114	2.28	.30789	.001	1
S4	10.000	9.8623	-.138	-1.38	.58470	.001	1
S5	20.000	20.007	.007	.037	1.1754	.002	1



AI 309.271 {109}

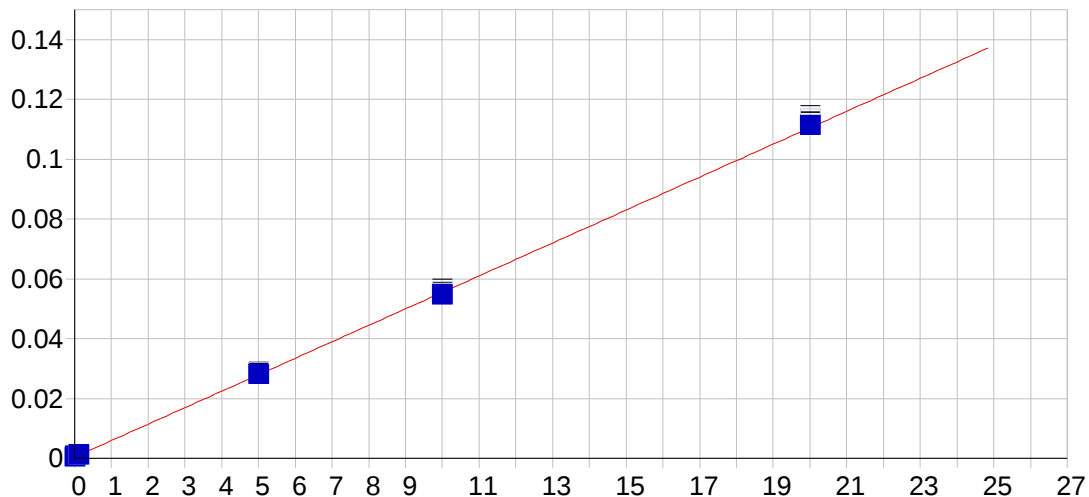
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000493 Re-Slope: 1.000000
 A1 (Gain): 0.002007 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999602
 Std Error of Est: 0.000004
 Predicted MDL: 0.049463
 Predicted MQL: 0.164878

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	-.00049	.000	1
S1	.10000	.14615	.046	46.2	-.00019	.000	1
S3	5.0000	5.1546	.155	3.09	.01005	.000	1
S4	10.000	9.8296	-.170	-1.70	.01963	.000	1
S5	20.000	19.967	-.033	-.163	.04037	.000	1



AI 396.152 { 85}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

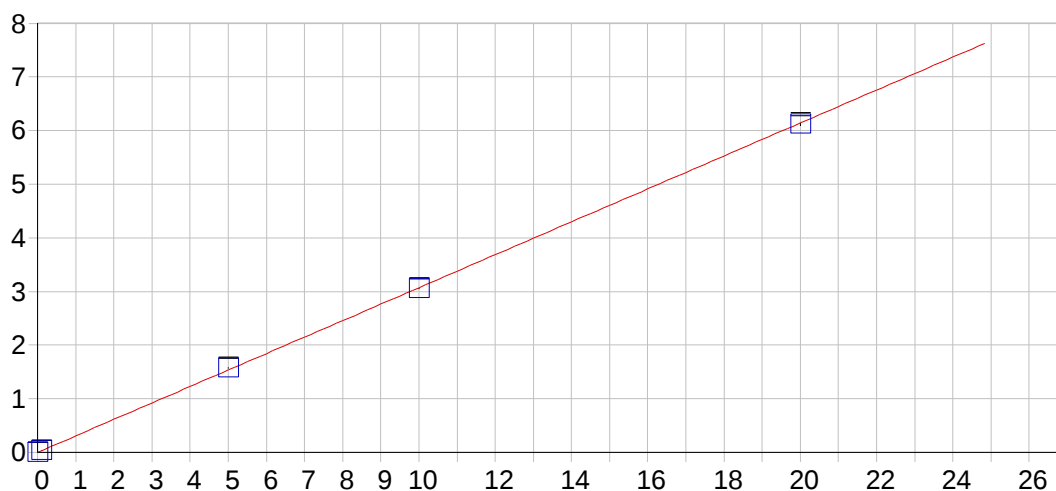
Weighting: 1/Conc

A0 (Offset): 0.000424
 A1 (Gain): 0.005506
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000005
 Predicted MDL: 0.026746
 Predicted MQL: 0.089154

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	.00042	.000	1
S1	.10000	.10923	.009	9.23	.00106	.000	1
S3	5.0000	5.0291	.029	.582	.02866	.000	1
S4	10.000	9.8343	-.166	-1.66	.05566	.001	1
S5	20.000	20.127	.127	.635	.11343	.001	1

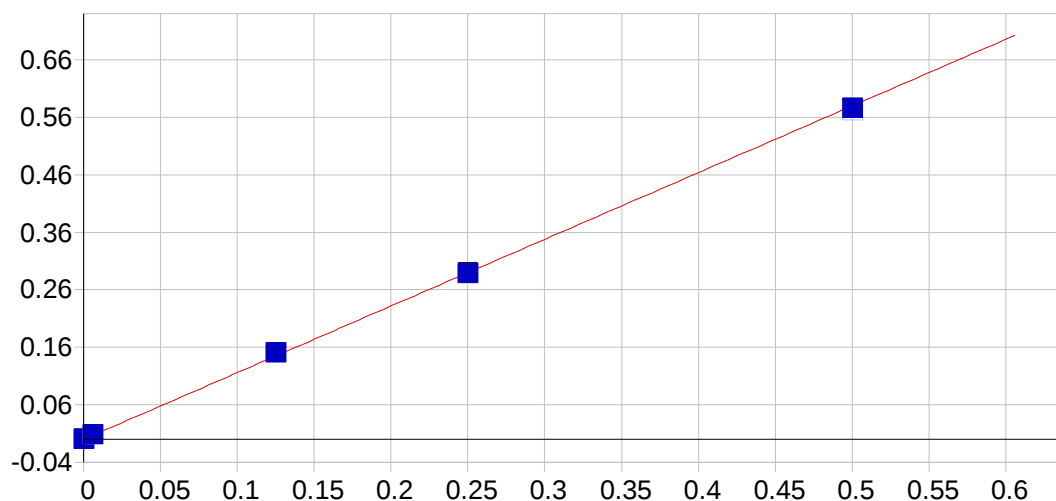


Ba 493.409 { 68}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000546 Re-Slope: 1.000000
 A1 (Gain): 0.307044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000296
 Predicted MDL: 0.000929
 Predicted MQL: 0.003096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00054	.000	1
S1	.10000	.10996	.010	9.96	.03431	.000	1
S3	5.0000	5.1378	.138	2.76	1.5781	.013	1
S5	20.000	19.920	-.080	-.401	6.1168	.028	1
S4	10.000	9.9323	-.068	-.677	3.0502	.012	1



Be 234.861 {144}

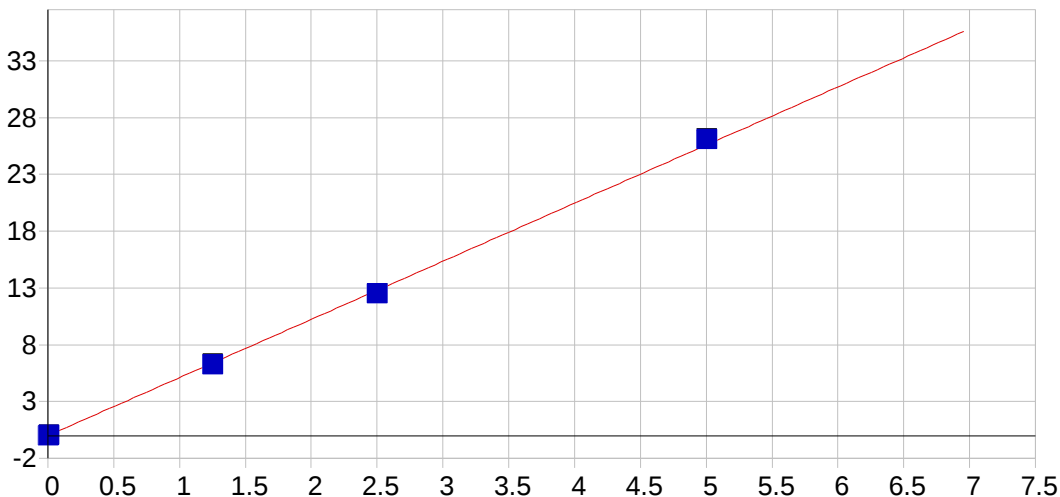
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000064 Re-Slope: 1.000000
 A1 (Gain): 1.159298 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000064
 Predicted MDL: 0.000098
 Predicted MQL: 0.000326

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00600	.00679	.001	13.2	.00774	.000	1
S3	.12500	.12944	.004	3.55	.14908	.000	1
S4	.25000	.24892	-.001	-.433	.28668	.001	1
S5	.50000	.49585	-.004	-.829	.57113	.001	1



Cd 226.502 {449}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

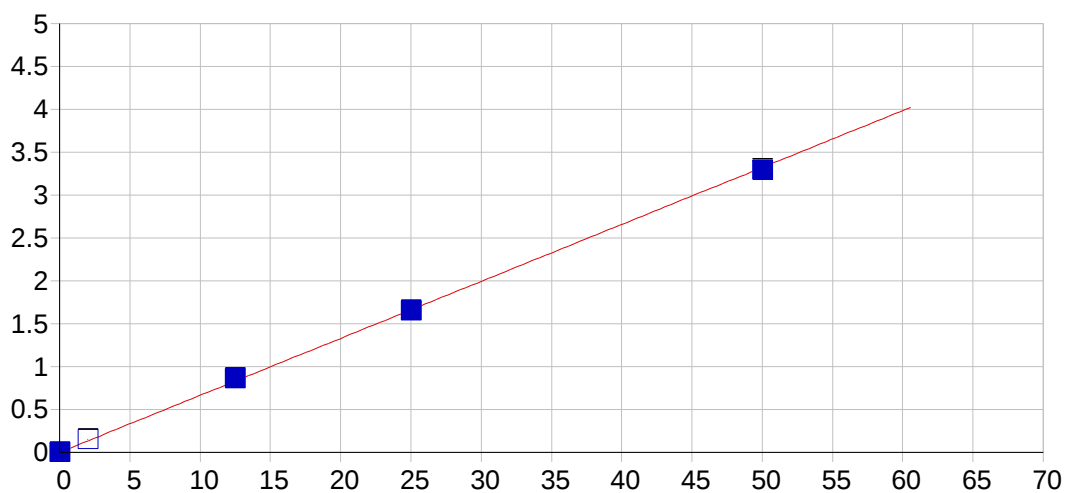
Weighting: 1/Conc

A0 (Offset): -0.005452
 A1 (Gain): 5.116735
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782
 Std Error of Est: 0.001000
 Predicted MDL: 0.000094
 Predicted MQL: 0.000314

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	-.00545	.001	1
S1	.00600	.00593	-.000	-1.17	.02495	.000	1
S3	1.2500	1.2227	-.027	-2.18	6.2525	.009	1
S4	2.5000	2.4369	-.063	-2.52	12.466	.033	1
S5	5.0000	5.0904	.090	1.81	26.047	.087	1

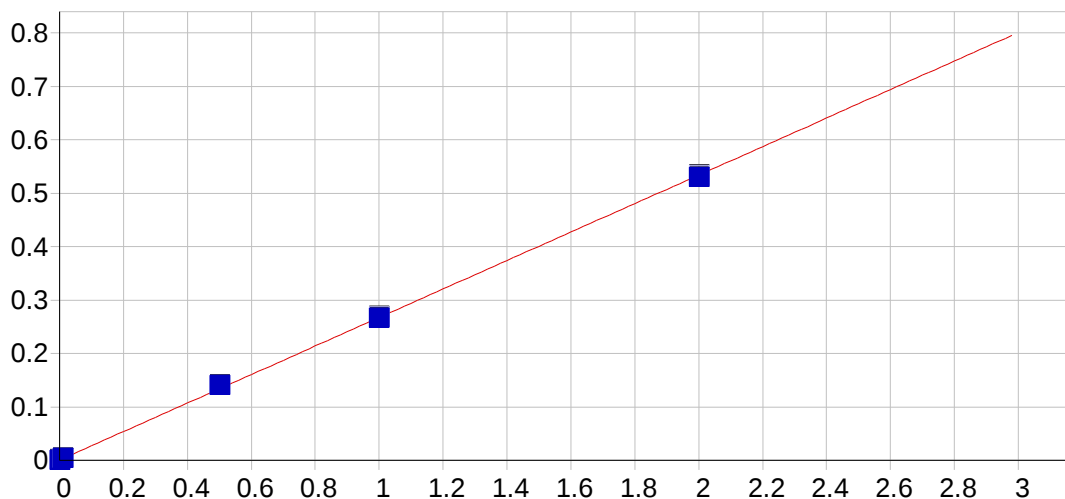


Ca 373.690 { 90}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001107 Re-Slope: 1.000000
 A1 (Gain): 0.066419 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000935
 Predicted MDL: 0.025267
 Predicted MQL: 0.084223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2790	.279	13.9	.15247	.001	1
S0	.00000	-.00031	-.000	.000	.00109	.001	1
S3	12.500	12.920	.420	3.36	.85965	.005	1
S4	25.000	24.760	-.240	-.962	1.6465	.012	1
S5	50.000	49.542	-.458	-.916	3.2934	.016	1



Cr 267.716 {126}

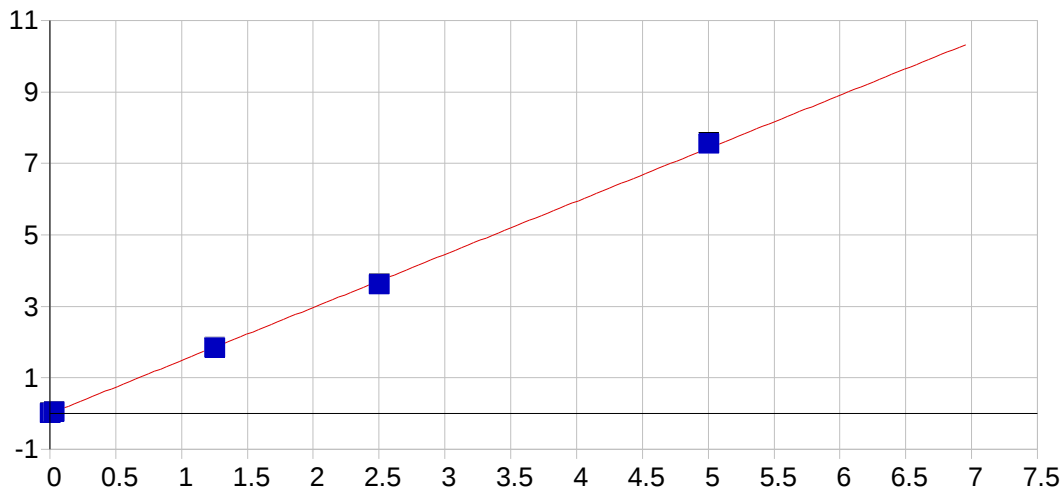
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000595 Re-Slope: 1.000000
 A1 (Gain): 0.266766 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832
 Std Error of Est: 0.000038
 Predicted MDL: 0.000579
 Predicted MQL: 0.001932

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00059	.000	1
S1	.01000	.01101	.001	10.1	.00355	.000	1
S3	.50000	.52132	.021	4.26	.14072	.000	1
S4	1.0000	.99661	-.003	-.339	.26855	.001	1
S5	2.0000	1.9811	-.019	-.946	.53327	.001	1



Co 228.616 {447}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

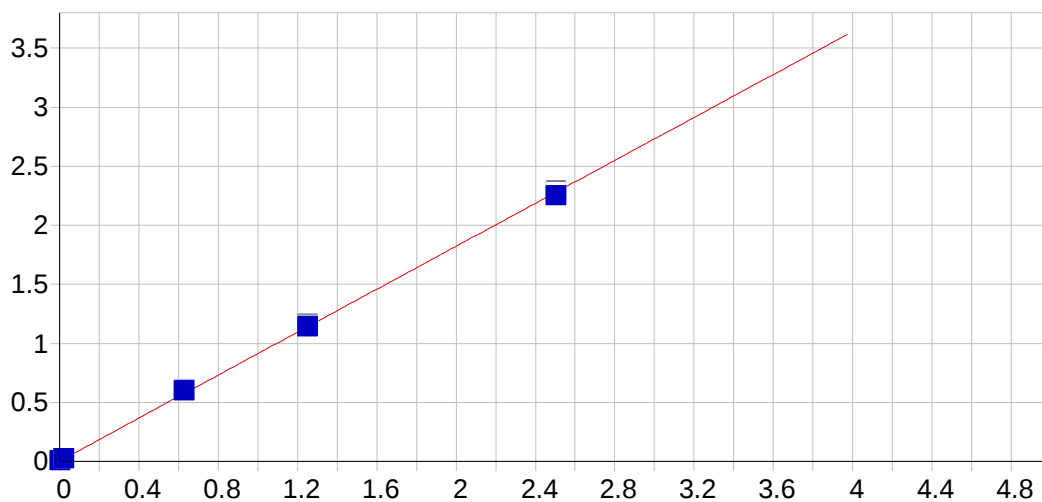
Weighting: 1/Conc

A0 (Offset): -0.000837
 A1 (Gain): 1.484733
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815
 Std Error of Est: 0.000599
 Predicted MDL: 0.000276
 Predicted MQL: 0.000920

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	-.00084	.000	1
S1	.03000	.02957	-.000	-1.42	.04277	.000	1
S3	1.2500	1.2384	-.012	-.929	1.8393	.001	1
S4	2.5000	2.4319	-.068	-2.73	3.6127	.014	1
S5	5.0000	5.0802	.080	1.60	7.5477	.029	1

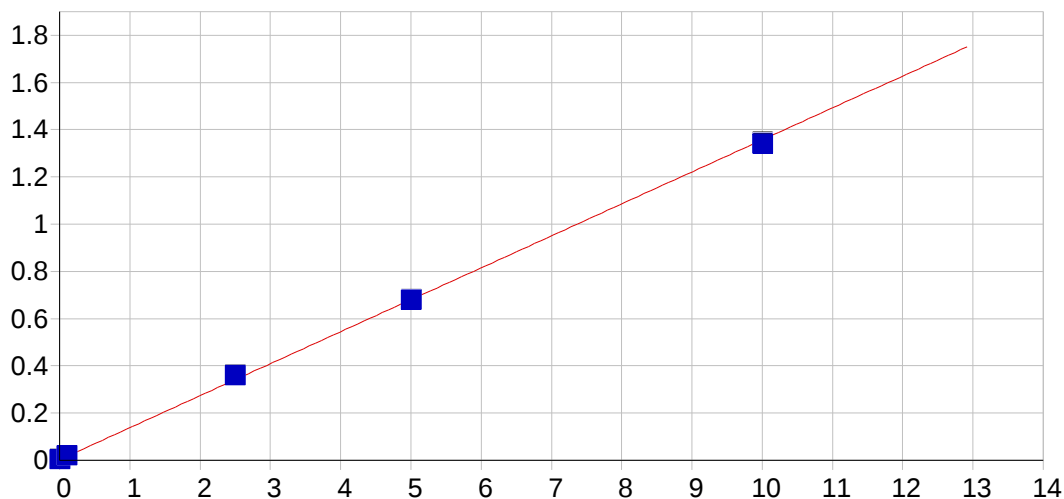


Cu 224.700 {450}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003135 Re-Slope: 1.000000
 A1 (Gain): 0.909369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000519
 Predicted MQL: 0.001729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00313	.000	1
S1	.02000	.02254	.003	12.7	.02391	.000	1
S3	.62500	.65431	.029	4.69	.60733	.001	1
S4	1.2500	1.2478	-.002	-.180	1.1562	.003	1
S5	2.5000	2.4704	-.030	-1.18	2.2864	.000	1



Fe 240.488 {140}

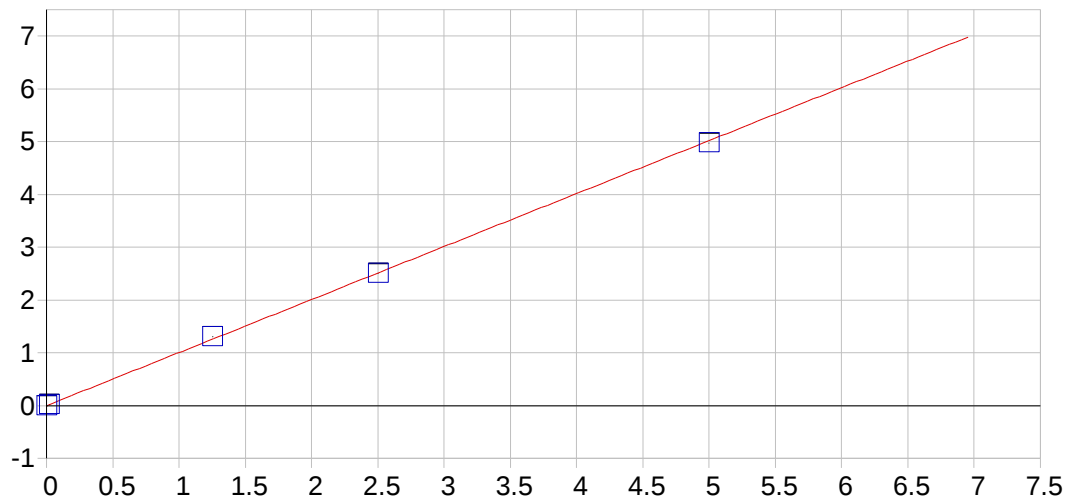
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003018 Re-Slope: 1.000000
 A1 (Gain): 0.135377 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744
 Std Error of Est: 0.000167
 Predicted MDL: 0.000890
 Predicted MQL: 0.002967

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00302	.000	1
S1	.10000	.11192	.012	11.9	.01823	.000	1
S3	2.5000	2.6232	.123	4.93	.35940	.001	1
S4	5.0000	4.9906	-.009	-.188	.68116	.000	1
S5	10.000	9.8743	-.126	-1.26	1.3448	.003	1



Mn 257.610 {131}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

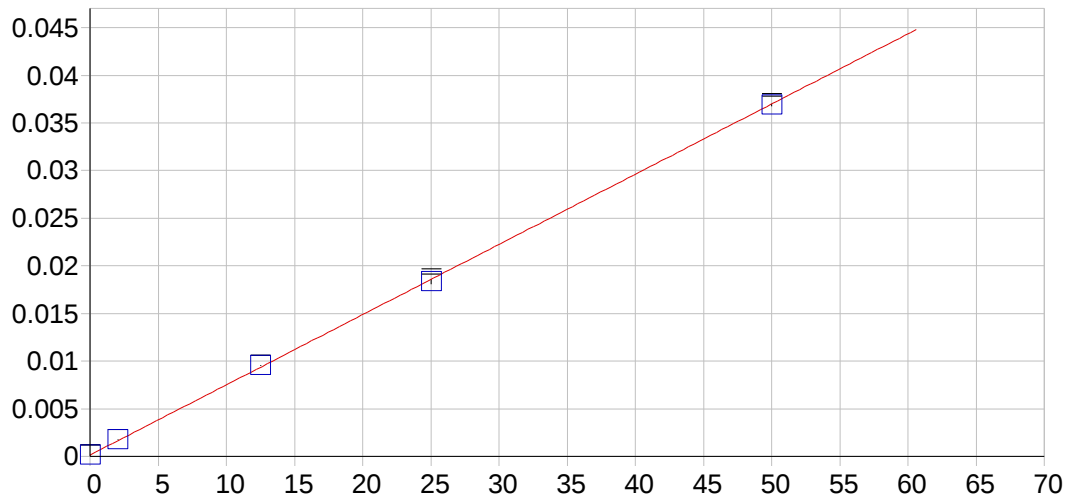
Weighting: 1/Conc

A0 (Offset): -0.000293
 A1 (Gain): 1.003958
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000303
 Predicted MDL: 0.000118
 Predicted MQL: 0.000393

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	-.00030	.000	1
S1	.02000	.02293	.003	14.6	.02272	.000	1
S3	1.2500	1.2985	.049	3.88	1.3034	.002	1
S4	2.5000	2.4938	-.006	-.248	2.5034	.006	1
S5	5.0000	4.9548	-.045	-.905	4.9741	.008	1

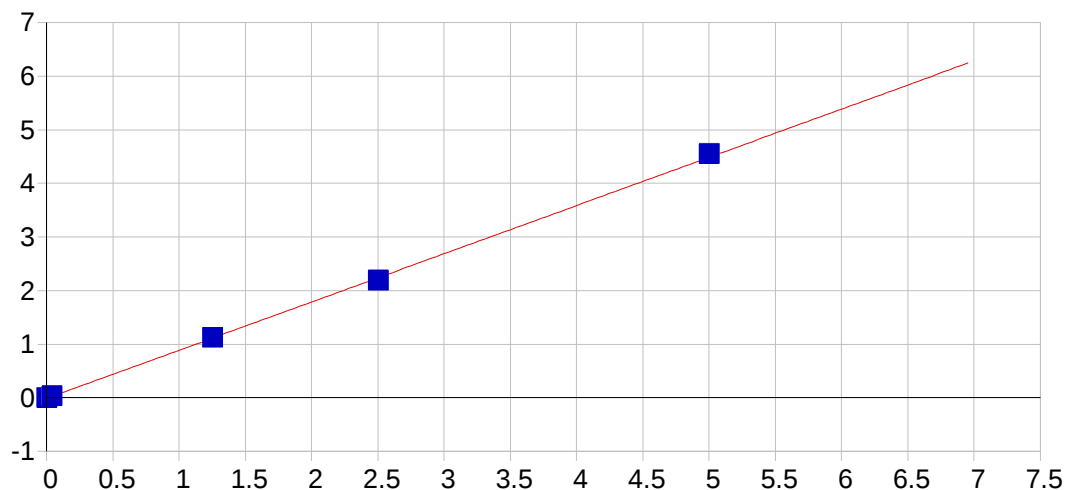


Mg 279.079 {121}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.000737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.071038
 Predicted MQL: 0.236793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1902	.190	9.51	.00176	.000	1
S0	.00000	-.00020	-.000	.000	.00014	.000	1
S3	12.500	12.766	.266	2.13	.00955	.000	1
S4	25.000	24.694	-.306	-1.23	.01834	.000	1
S5	50.000	49.850	-.150	-.300	.03688	.000	1



Ni 231.604 {445}

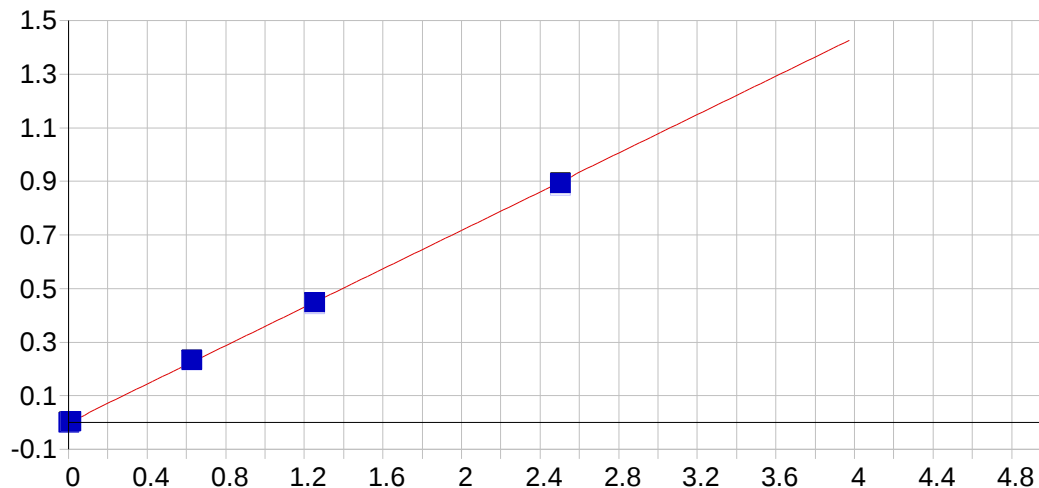
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014794 Re-Slope: 1.000000
 A1 (Gain): 0.899964 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000344
 Predicted MDL: 0.000489
 Predicted MQL: 0.001630

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01480	.000	1
S1	.04000	.04147	.001	3.66	.02254	.000	1
S3	1.2500	1.2477	-.002	-.183	1.1093	.001	1
S4	2.5000	2.4406	-.059	-2.38	2.1841	.004	1
S5	5.0000	5.0603	.060	1.21	4.5442	.010	1



Ag 328.068 {103}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

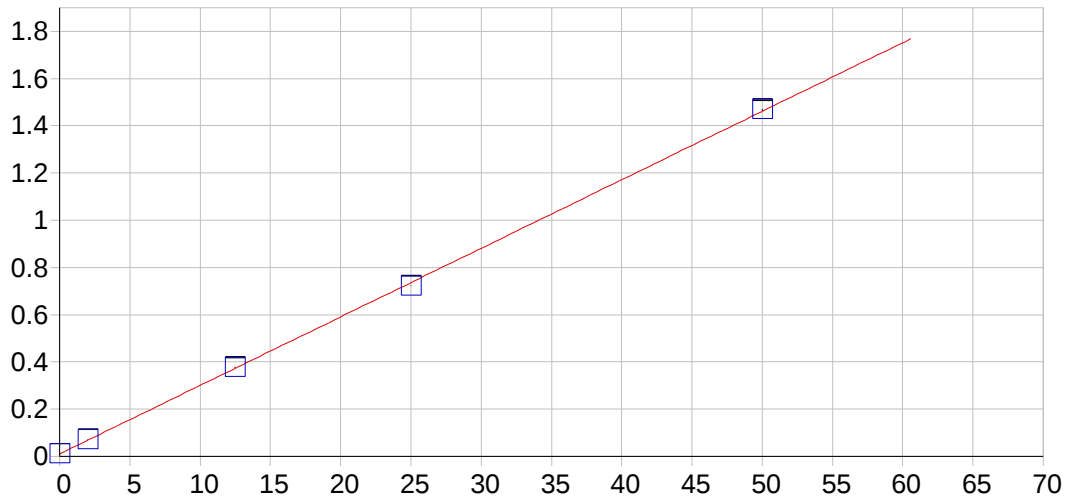
Weighting: 1/Conc

A0 (Offset): -0.000997
 A1 (Gain): 0.359181
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000044
 Predicted MDL: 0.000742
 Predicted MQL: 0.002474

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	-.00100	.000	1
S1	.01000	.01073	.001	7.35	.00279	.000	1
S3	.62500	.64602	.021	3.36	.22848	.001	1
S4	1.2500	1.2437	-.006	-.501	.44062	.001	1
S5	2.5000	2.4845	-.015	-.619	.88117	.001	1

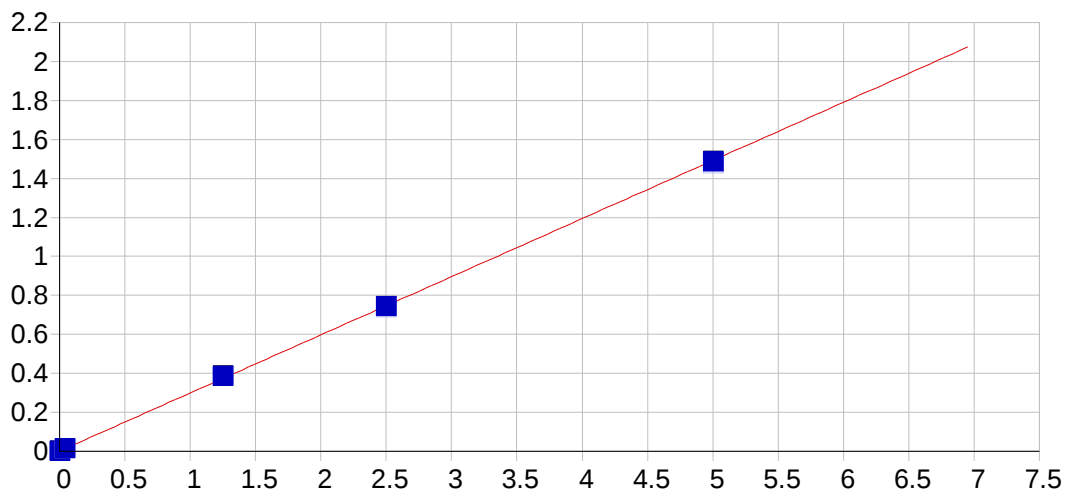


Na 589.592 { 57}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010298 Re-Slope: 1.000000
 A1 (Gain): 0.029026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.014487
 Predicted MQL: 0.048289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1019	.102	5.10	.07131	.001	1
S0	.00000	-.00009	-.000	.000	.01029	.000	1
S3	12.500	12.632	.132	1.06	.37696	.002	1
S4	25.000	24.521	-.479	-1.92	.72205	.001	1
S5	50.000	50.245	.245	.490	1.4687	.004	1



V 292.402 {115}

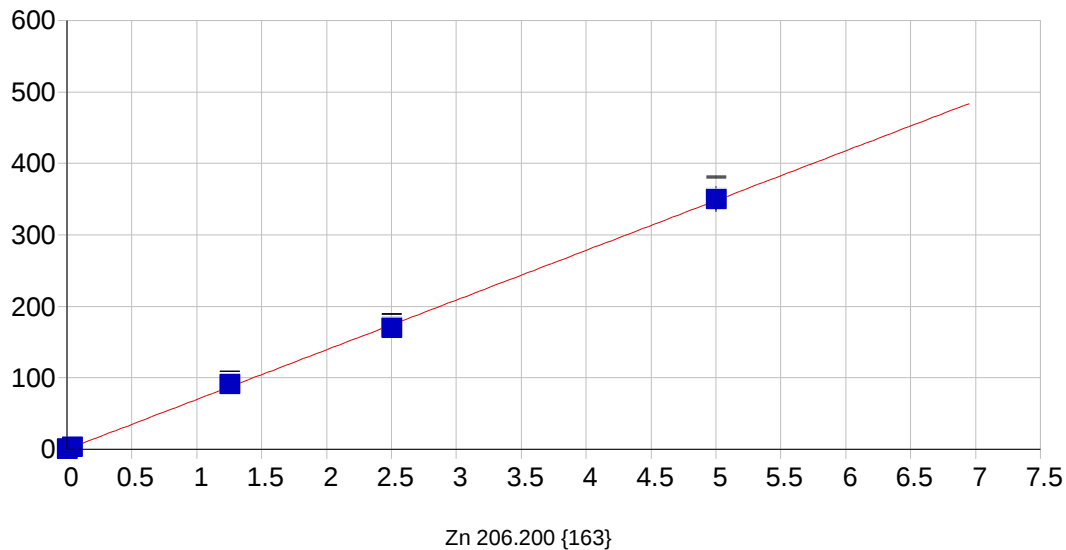
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001113 Re-Slope: 1.000000
 A1 (Gain): 0.298208 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.000104
 Predicted MDL: 0.000598
 Predicted MQL: 0.001994

Status: OK.

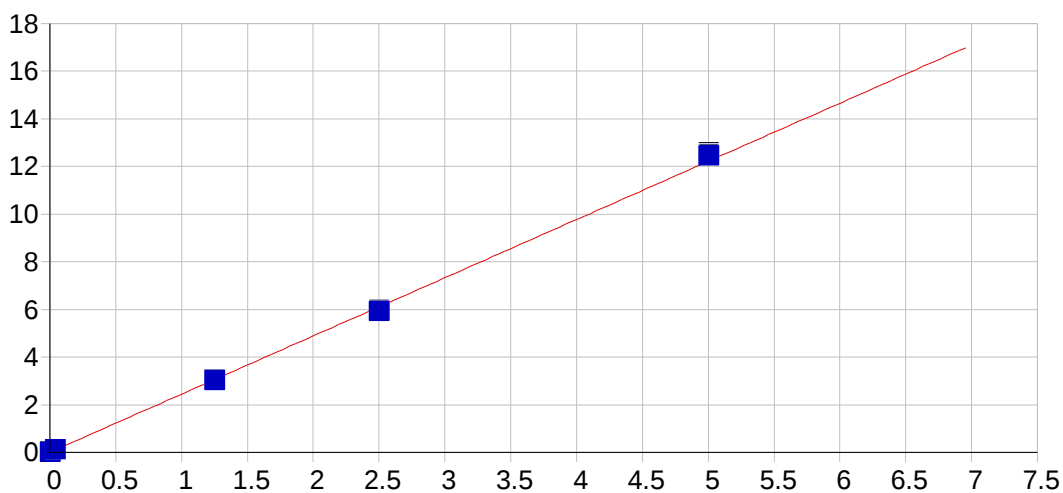
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00111	.000	1
S1	.04000	.04348	.003	8.70	.01389	.000	1
S3	1.2500	1.2899	.040	3.19	.38333	.001	1
S4	2.5000	2.4808	-.019	-.768	.73604	.002	1
S5	5.0000	4.9759	-.024	-.483	1.4752	.001	1



Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.202873 Re-Slope: 1.000000
 A1 (Gain): 69.567004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.035170
 Predicted MDL: 0.000490
 Predicted MQL: 0.001633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.20269	.028	1
S1	.04000	.04204	.002	5.09	3.1456	.197	1
S3	1.2500	1.2997	.050	3.98	91.144	4.19	1
S4	2.5000	2.4344	-.066	-2.62	170.61	4.67	1
S5	5.0000	5.0138	.014	.277	351.10	16.6	1

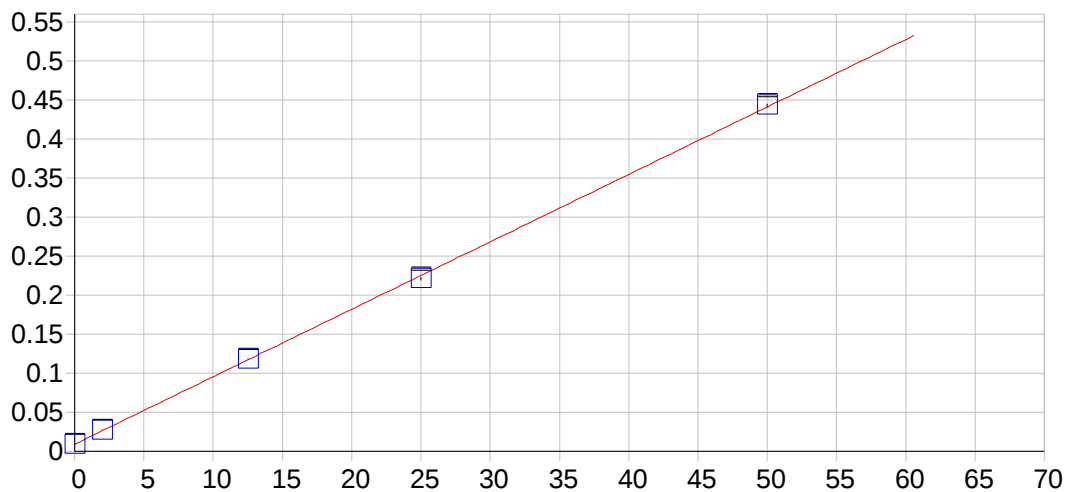


Zn 213.856 {458}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002708 Re-Slope: 1.000000
 A1 (Gain): 2.442733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.001325
 Predicted MDL: 0.000125
 Predicted MQL: 0.000418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00271	.000	1
S1	.04000	.03949	-.001	-1.28	.09985	.000	1
S3	1.2500	1.2344	-.016	-1.25	3.0376	.003	1
S4	2.5000	2.4219	-.078	-3.13	5.9576	.015	1
S5	5.0000	5.0942	.094	1.88	12.524	.041	1



K 766.490 {44}

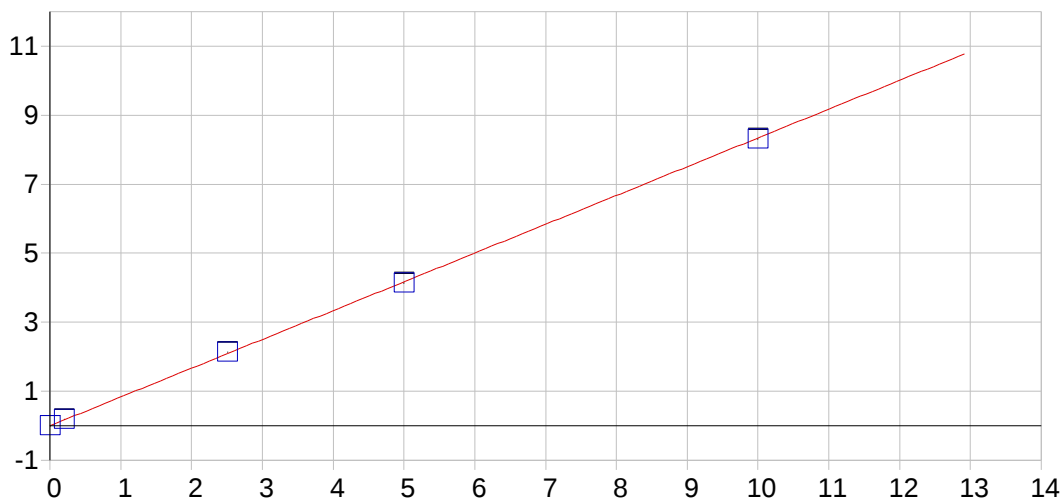
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009181 Re-Slope: 1.000000
 A1 (Gain): 0.008640 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000065
 Predicted MDL: 0.052030
 Predicted MQL: 0.173433

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1103	.110	5.51	.02741	.000	1
S0	.00000	-.00010	-.000	.000	.00918	.000	1
S3	12.500	12.592	.092	.738	.11797	.001	1
S4	25.000	24.535	-.465	-1.86	.22116	.002	1
S5	50.000	50.262	.262	.525	.44343	.002	1



Mo 202.030 {467}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

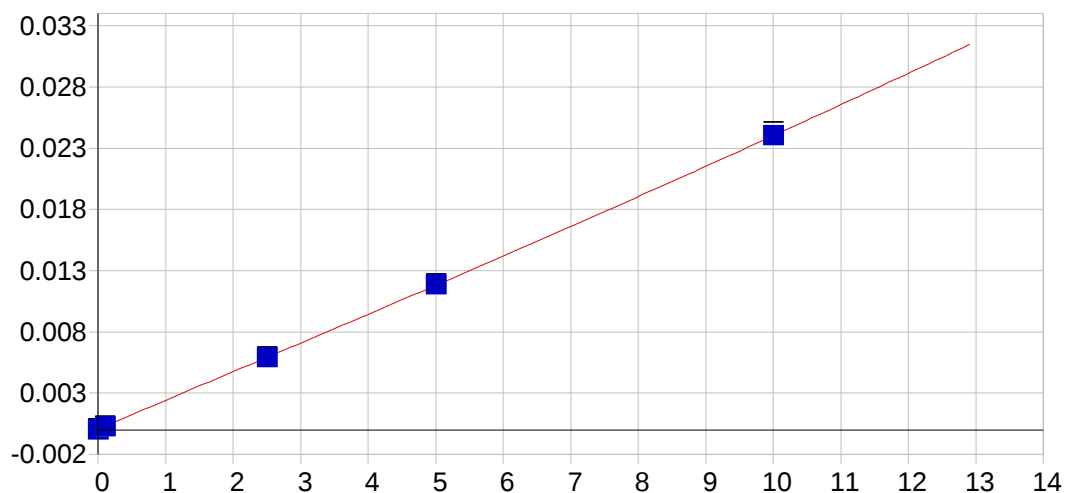
Weighting: 1/Conc

A0 (Offset): -0.000012
 A1 (Gain): 0.834194
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000902
 Predicted MDL: 0.000353
 Predicted MQL: 0.001178

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	-.00002	-.000	.000	-.00003	.000	1
S1	.20000	.21680	.017	8.40	.18084	.001	1
S3	2.5000	2.5634	.063	2.54	2.1384	.000	1
S4	5.0000	4.9591	-.041	-.818	4.1368	.010	1
S5	10.000	9.9607	-.039	-.393	8.3091	.012	1



B 249.678 {135}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000012

Re-Slope: 1.000000

A1 (Gain): 0.002397

Y-int: 0.000000

A2 (Curvature): 0.000026

n (Exponent): 0.960000

Correlation: 0.999999

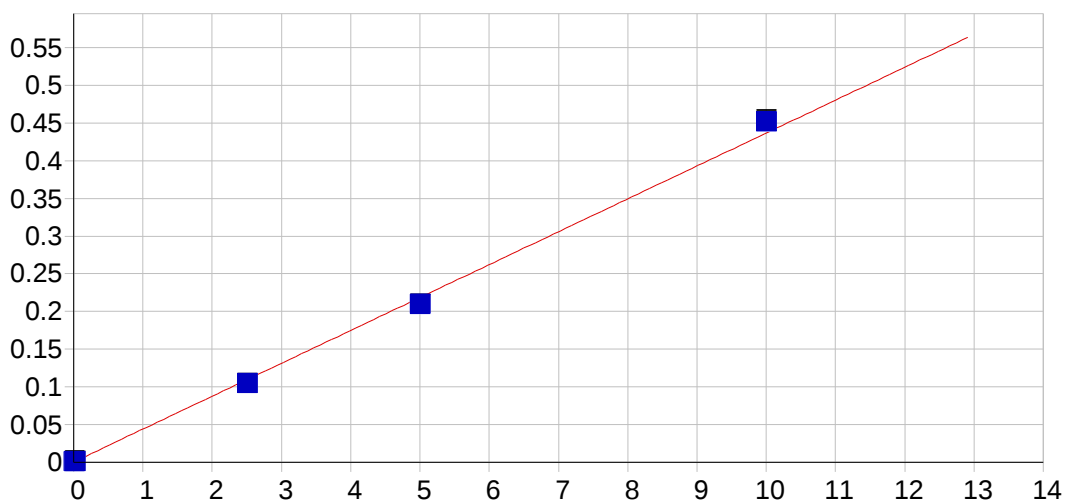
Status: Warning Positive Curvature

Std Error of Est: 0.000000

Predicted MDL: 0.020535

Predicted MQL: 0.068452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.10000	.09964	-.000	-.362	.00025	.000	1
S3	2.5000	2.4935	-.007	-.261	.00589	.000	1
S4	5.0000	5.0109	.011	.218	.01180	.000	1
S5	10.000	9.9963	-.004	-.037	.02395	.000	1



S 182.034 {485}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000426

Re-Slope: 1.000000

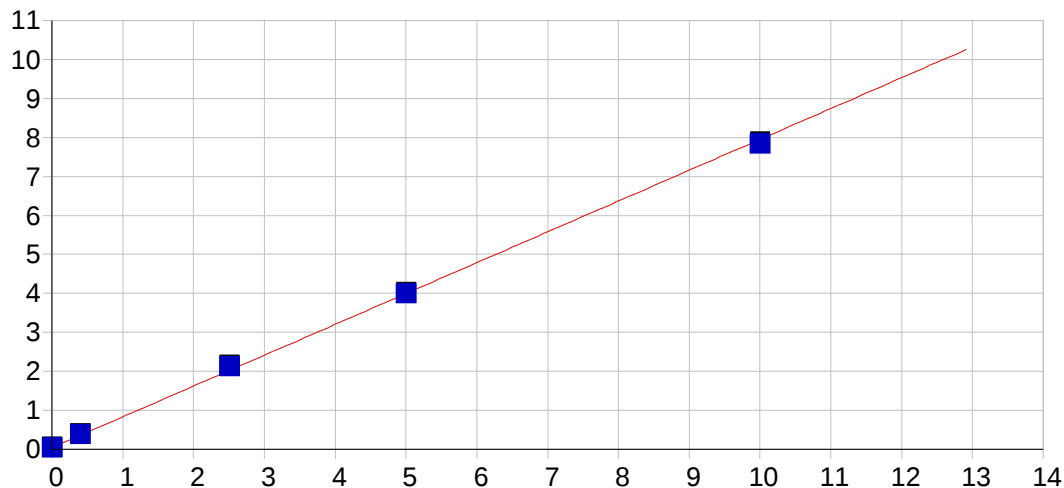
A1 (Gain): 0.043625

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999243
 Std Error of Est: 0.000041
 Predicted MDL: 0.004543
 Predicted MQL: 0.015143

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.02000	.01850	-.001	-7.48	.00121	.000	1
S3	2.5000	2.3767	-.123	-4.93	.10399	.000	1
S4	5.0000	4.7881	-.212	-4.24	.20906	.000	1
S5	10.000	10.337	.337	3.37	.45087	.002	1



Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

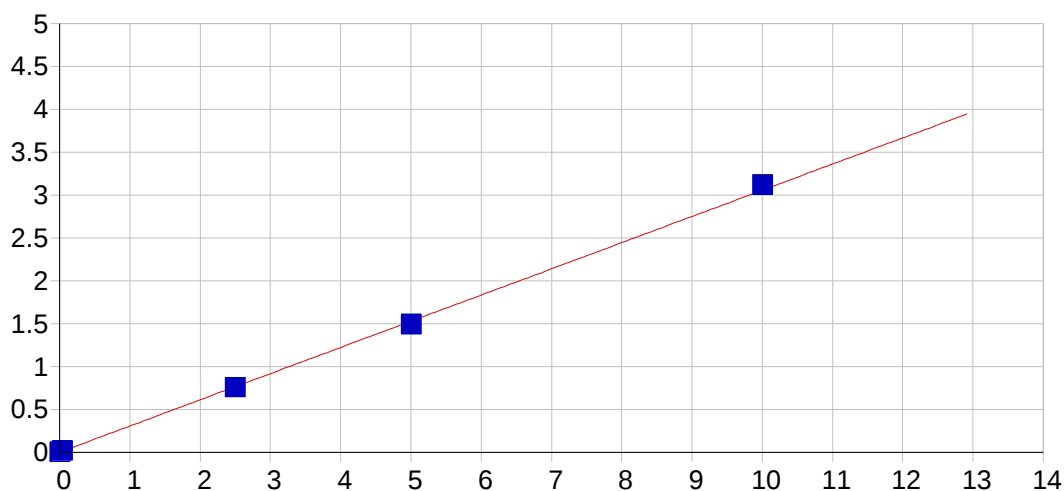
Weighting: 1/Conc

A0 (Offset): 0.040577
 A1 (Gain): 0.790981
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999659
 Std Error of Est: 0.002254
 Predicted MDL: 0.003122
 Predicted MQL: 0.010407

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	-.00005	-.000	.000	.04054	.002	1
S1	.40000	.43591	.036	8.98	.38511	.003	1
S3	2.5000	2.6271	.127	5.09	2.1175	.030	1
S4	5.0000	4.9949	-.005	-.103	3.9893	.024	1
S5	10.000	9.8421	-.158	-1.58	7.8213	.049	1

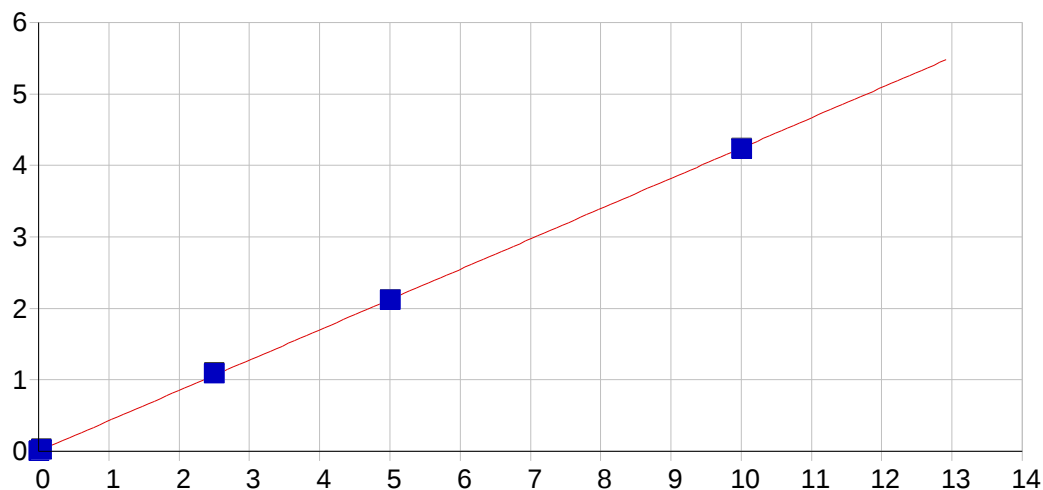


Sn 189.989 {477}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002181 Re-Slope: 1.000000
 A1 (Gain): 0.305402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.000716
 Predicted MQL: 0.002386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00218	.000	1
S1	.04000	.03938	-.001	-1.54	.01421	.000	1
S3	2.5000	2.4540	-.046	-1.84	.75177	.002	1
S4	5.0000	4.8676	-.132	-2.65	1.4890	.006	1
S5	10.000	10.179	.179	1.79	3.1114	.007	1



Ti 336.121 {100}

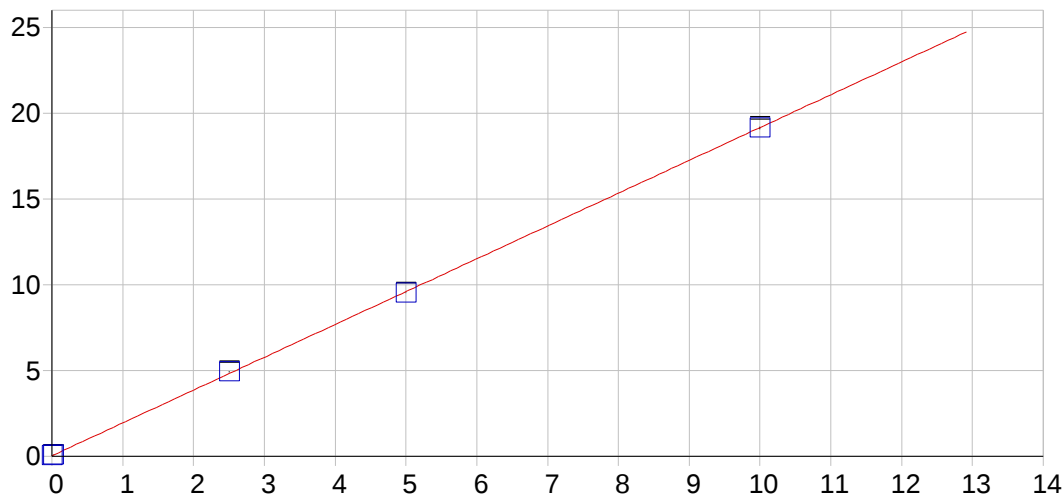
Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003361 Re-Slope: 1.000000
 A1 (Gain): 0.423922 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000130
 Predicted MDL: 0.002961
 Predicted MQL: 0.009870

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00336	.001	1
S1	.04000	.04268	.003	6.69	.02144	.002	1
S3	2.5000	2.5510	.051	2.04	1.0846	.009	1
S4	5.0000	4.9795	-.020	-.409	2.1140	.002	1
S5	10.000	9.9668	-.033	-.332	4.2280	.006	1



Li 670.784 { 50}

Date of Fit: 7/3/2019 17:18:13

Type of Fit: Linear

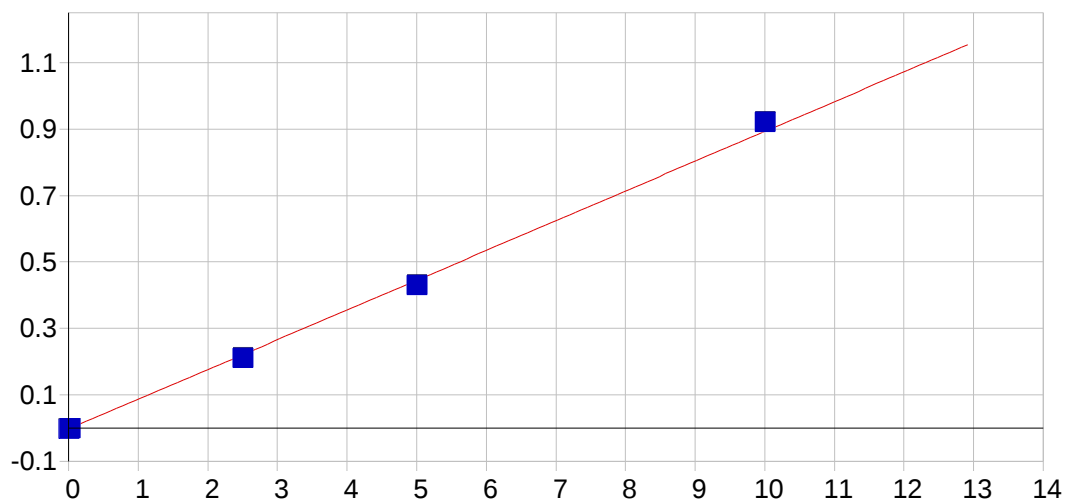
Weighting: 1/Conc

A0 (Offset): 0.031382
 A1 (Gain): 1.913093
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000462
 Predicted MDL: 0.002830
 Predicted MQL: 0.009434

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	.03138	.004	1
S1	.02000	.02238	.002	11.9	.07420	.006	1
S3	2.5000	2.5530	.053	2.12	4.9155	.047	1
S4	5.0000	4.9599	-.040	-.802	9.5201	.017	1
S5	10.000	9.9847	-.015	-.153	19.133	.080	1



P 177.495 {490}

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002806 Re-Slope: 1.000000
 A1 (Gain): 0.089566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999383 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.002186
 Predicted MQL: 0.007288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00281	.000	1
S1	.02000	.01829	-.002	-8.53	-.00117	.000	1
S3	2.5000	2.3806	-.119	-4.78	.21009	.001	1
S4	5.0000	4.8186	-.181	-3.63	.42813	.001	1
S5	10.000	10.302	.302	3.02	.91865	.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

Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





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

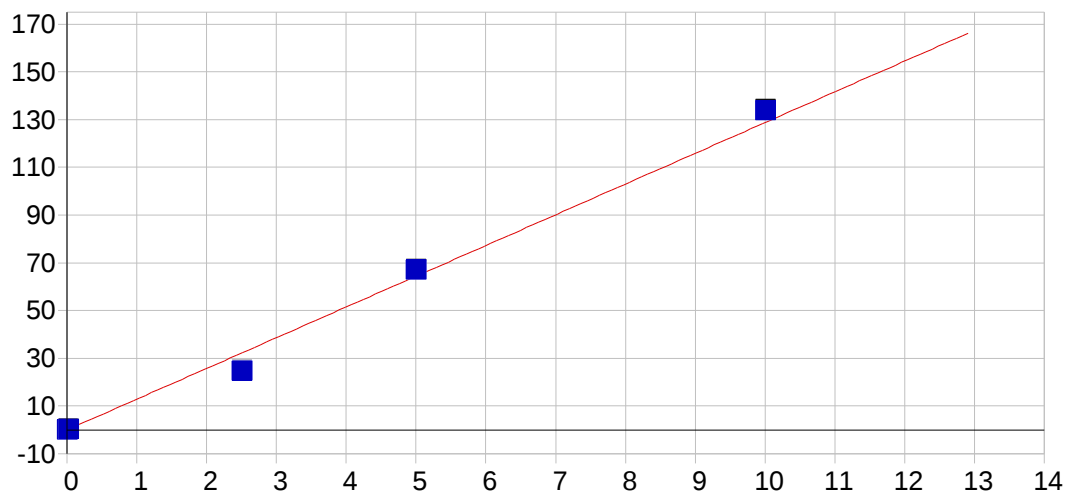
Status: Warning Zero Gain

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: 7/3/2019 17:18:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.009879

Re-Slope: 1.000000

A1 (Gain): 12.876400

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.995527

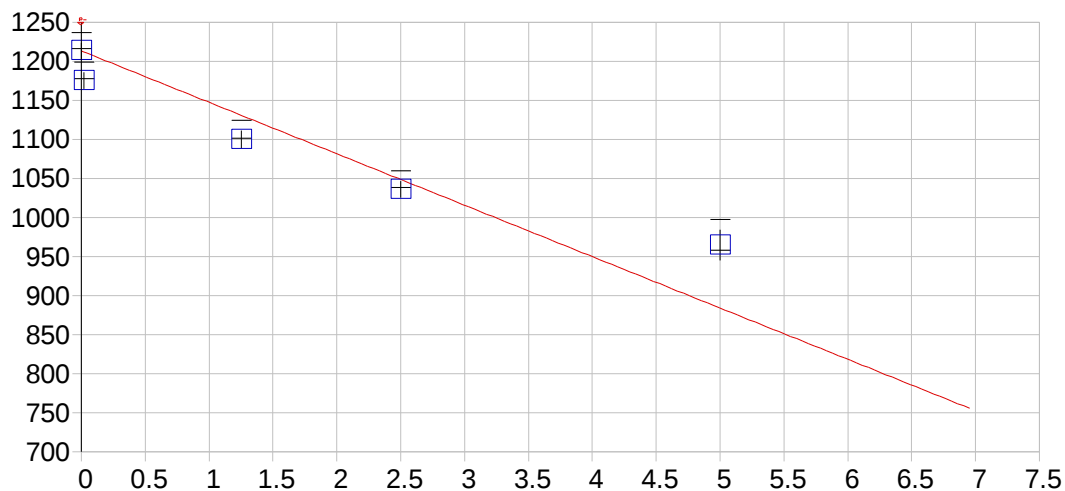
Status: OK.

Std Error of Est: 0.029548

Predicted MDL: 0.000174

Predicted MQL: 0.000581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00990	.002	1
S1	.02000	.02460	.005	23.0	.30824	.001	1
S3	2.5000	1.9192	-.581	-23.2	24.738	.234	1
S4	5.0000	5.1978	.198	3.96	66.990	.151	1
S5	10.000	10.378	.378	3.78	133.77	.412	1

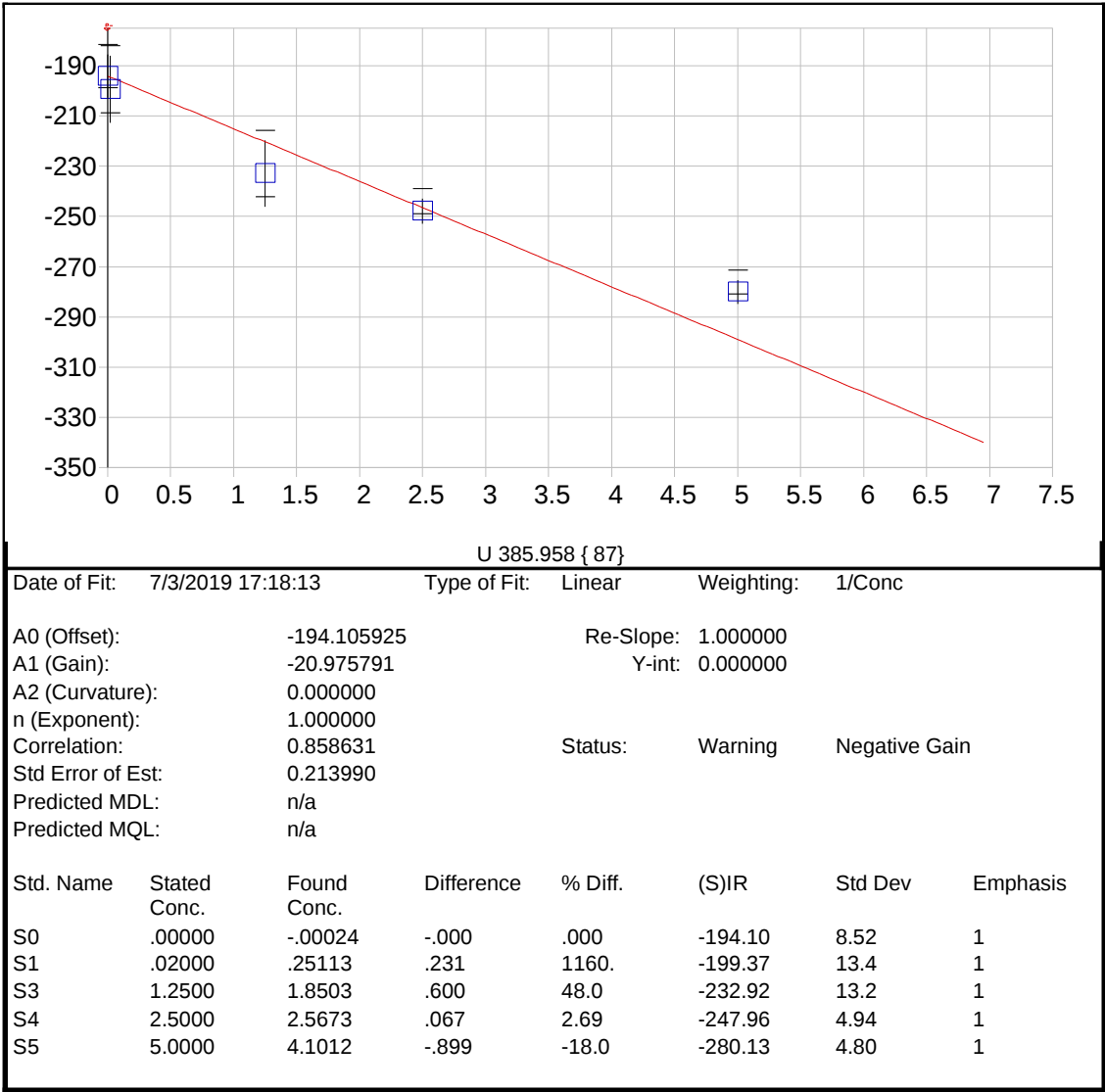


U 367.007 { 92 }

Date of Fit: 7/3/2019 17:18:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1213.502052 Re-Slope: 1.000000
 A1 (Gain): -65.862380 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.593437 Status: Warning Negative Gain
 Std Error of Est: 1.526520
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	1213.5	10.6	1
S1	.02000	.57903	.559	2800.	1175.4	10.3	1
S3	1.2500	1.7204	.470	37.6	1100.2	11.6	1
S4	2.5000	2.6933	.193	7.73	1036.1	10.5	1
S5	5.0000	3.7773	-1.22	-24.5	964.72	19.5	1



Sample Name: S0 Acquired: 7/3/2019 10:53:06 Type: Cal
 Method: P4-ICP2(v3248) 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	.00010	-.00033	.00481	.00041	.00154	.00042	.00054	-.00007
Stddev	.00008	.00018	.00024	.00008	.00023	.00014	.00014	.00004
%RSD	79.831	55.452	4.9199	18.498	14.977	33.573	26.108	62.603

#1	.00012	-.00014	.00506	.00039	.00176	.00029	.00038	-.00002
#2	.00018	-.00051	.00460	.00034	.00130	.00057	.00065	-.00009
#3	.00001	-.00034	.00477	.00049	.00157	.00041	.00059	-.00008

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	-.00545	.00109	.00059	-.00084	.00313	.00302	-.00030	.00014
Stddev	.00052	.00096	.00005	.00020	.00048	.00004	.00002	.00002
%RSD	9.5599	88.287	7.6577	24.375	15.275	1.4230	6.5839	13.349

#1	-.00600	.00050	.00063	-.00073	.00292	.00306	-.00028	.00013
#2	-.00539	.00057	.00054	-.00071	.00280	.00297	-.00032	.00013
#3	-.00496	.00219	.00061	-.00107	.00368	.00301	-.00029	.00017

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	-.01480	-.00100	.01029	.00111	.00271	.00918	-.00003	-.00001
Stddev	.00021	.00011	.00022	.00024	.00040	.00036	.00007	.00008
%RSD	1.3910	10.893	2.1586	21.945	14.753	3.9583	264.88	675.25

#1	-.01483	-.00097	.01006	.00091	.00243	.00876	.00001	-.00004
#2	-.01457	-.00090	.01033	.00138	.00253	.00938	-.00011	-.00008
#3	-.01498	-.00112	.01050	.00105	.00317	.00940	.00002	.00008

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	.00043	.04054	.00218	.00336	.03138	-.0028	-.00990	1213.5
Stddev	.00022	.00160	.00029	.00050	.00382	.0001	.00233	10.6
%RSD	51.002	3.9446	13.480	14.959	12.159	4.414	23.571	.86960

#1	.00067	.03904	.00247	.00363	.03305	-.0029	-.01211	1205.2
#2	.00027	.04222	.00219	.00278	.02701	-.0027	-.01013	1225.4
#3	.00033	.04036	.00188	.00367	.03407	-.0029	-.00746	1210.0

Sample Name: S0 Acquired: 7/3/2019 10:53:06 Type: Cal
Method: P4-ICP2(v3248) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-194.10
Stddev	8.52
%RSD	4.3906

#1	-197.64
#2	-184.38
#3	-200.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.9	27228.	1931.9	31.100	2470.2
Stddev	4.4	109.	2.5	1.026	11.0
%RSD	.17716	.40121	.12903	3.2986	.44631

#1	2503.8	27108.	1934.5	29.945	2467.6
#2	2512.1	27255.	1929.5	31.907	2460.7
#3	2510.7	27321.	1931.8	31.448	2482.3

Sample Name: S1 Acquired: 7/3/2019 10:57:33 Type: Cal
Method: P4-ICP2(v3248) 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	.00112	.00715	.00811	.00178	.00913	.00106	.03431	.00774
Stddev	.00023	.00021	.00039	.00007	.00005	.00010	.00041	.00006
%RSD	20.161	2.9696	4.8449	3.9185	.56272	9.3665	1.2032	.83308
#1	.00131	.00696	.00780	.00170	.00916	.00118	.03394	.00779
#2	.00087	.00738	.00855	.00180	.00907	.00103	.03424	.00776
#3	.00119	.00712	.00798	.00183	.00917	.00099	.03475	.00767
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	.02495	.00355	.04277	.02391	.01823	.02272	.02254	.00279
Stddev	.00018	.00014	.00050	.00015	.00019	.00027	.00029	.00016
%RSD	.71472	4.0130	1.1644	.64574	1.0637	1.1730	1.2782	5.5658
#1	.02475	.00338	.04220	.02388	.01821	.02267	.02282	.00296
#2	.02501	.00364	.04304	.02408	.01805	.02301	.02256	.00265
#3	.02509	.00362	.04308	.02378	.01844	.02249	.02225	.00275
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	.01389	.09985	.18084	.00025	.00121	.38511	.01421	.02144
Stddev	.00015	.00040	.00063	.00007	.00017	.00275	.00024	.00164
%RSD	1.0744	.40399	.34958	28.660	14.332	.71424	1.6596	7.6392
#1	.01406	.10003	.18027	.00029	.00106	.38673	.01425	.01970
#2	.01377	.09939	.18152	.00029	.00140	.38667	.01395	.02294
#3	.01385	.10014	.18073	.00017	.00116	.38194	.01442	.02169
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.07420	-.0012	.30824	1175.4	-199.37			
Stddev	.00608	.0001	.00137	10.3	13.41			
%RSD	8.1911	12.18	.44503	.87636	6.7256			
#1	.06739	-.0013	.30666	1181.8	-185.57			
#2	.07614	-.0010	.30890	1180.8	-200.21			
#3	.07908	-.0012	.30916	1163.5	-212.35			

Sample Name: S1 Acquired: 7/3/2019 10:57:33 Type: Cal
Method: P4-ICP2(v3248) 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	2506.0	27395.	1965.9	32.797	2461.9
Stddev	3.3	42.	16.8	1.102	1.9
%RSD	.13090	.15227	.85662	3.3614	.07678
#1	2502.4	27370.	1949.0	32.666	2460.5
#2	2506.7	27443.	1966.3	33.959	2461.3
#3	2508.8	27371.	1982.6	31.766	2464.1

Sample Name: S2 Acquired: 7/3/2019 11:02:02 Type: Cal
 Method: P4-ICP2(v3248) 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	.15247	.00176	.07131	.02741
Stddev	.00142	.00002	.00059	.00013
%RSD	.93010	1.1322	.83105	.46854

#1	.15272	.00176	.07112	.02740
#2	.15375	.00174	.07083	.02729
#3	.15095	.00178	.07197	.02755

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	27354.	1988.5
Stddev	64.	16.9
%RSD	.23322	.84803

#1	27284.	1980.3
#2	27370.	1977.3
#3	27409.	2007.9

Sample Name: S3 Acquired: 7/3/2019 11:06:17 Type: Cal
Method: P4-ICP2(v3248) 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	.13980	.46199	.67933	.17525	.37238	.02866	1.5781	.14908
Stddev	.00024	.00128	.00052	.00050	.00028	.00009	.0132	.00013
%RSD	.16934	.27670	.07699	.28461	.07435	.31057	.83425	.08504
#1	.13967	.46241	.67988	.17533	.37260	.02862	1.5699	.14895
#2	.14008	.46300	.67928	.17570	.37207	.02876	1.5933	.14920
#3	.13966	.46055	.67884	.17471	.37247	.02860	1.5711	.14910
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	6.2525	.85965	.14072	1.8393	.60733	.35940	1.3034	.00955
Stddev	.0092	.00515	.00035	.0009	.00094	.00068	.0017	.00002
%RSD	.14766	.59909	.24907	.04880	.15558	.18893	.13226	.21996
#1	6.2471	.85563	.14110	1.8383	.60681	.35864	1.3051	.00956
#2	6.2631	.85785	.14042	1.8398	.60842	.35995	1.3034	.00957
#3	6.2471	.86546	.14062	1.8398	.60676	.35960	1.3016	.00953
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	1.1093	.22848	.37696	.38333	3.0376	.11797	2.1384	.00589
Stddev	.0012	.00054	.00158	.00083	.0028	.00098	.0003	.00004
%RSD	.10733	.23673	.41820	.21755	.09112	.82662	.01518	.74510
#1	1.1086	.22838	.37542	.38243	3.0346	.11769	2.1381	.00591
#2	1.1107	.22800	.37857	.38408	3.0401	.11906	2.1387	.00591
#3	1.1087	.22907	.37690	.38347	3.0381	.11718	2.1383	.00584
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	.10399	2.1175	.75177	1.0846	4.9155	.2101	24.738	1100.2
Stddev	.00019	.0296	.00176	.0087	.0468	.0009	.234	11.6
%RSD	.18722	1.3979	.23449	.80185	.95147	.4342	.94768	1.0571
#1	.10379	2.1004	.74994	1.0797	4.8677	.2093	24.526	1093.8
#2	.10399	2.1006	.75346	1.0796	4.9177	.2111	24.697	1093.2
#3	.10418	2.1517	.75191	1.0947	4.9612	.2098	24.990	1113.6

Sample Name: S3 Acquired: 7/3/2019 11:06:17 Type: Cal
 Method: P4-ICP2(v3248) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-232.92
Stddev	13.15
%RSD	5.6479

#1	-219.26
#2	-245.51
#3	-233.99

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.5	27054.	1971.3	30.885	2309.1
Stddev	3.5	72.	19.3	1.354	.9
%RSD	.14105	.26454	.97914	4.3851	.03726

#1	2463.3	27037.	1977.8	30.033	2309.7
#2	2465.5	26993.	1986.5	32.447	2309.6
#3	2458.7	27133.	1949.6	30.177	2308.1

Sample Name: S4 Acquired: 7/3/2019 11:10:20 Type: Cal
Method: P4-ICP2(v3248) 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	.27076	.90774	1.3332	.33892	.72330	.05566	3.0502	.28668
Stddev	.00022	.00202	.0060	.00163	.00179	.00082	.0116	.00099
%RSD	.08117	.22274	.45049	.47959	.24704	1.4777	.37928	.34672

#1	.27068	.90566	1.3262	.34070	.72536	.05472	3.0389	.28772
#2	.27101	.90970	1.3367	.33851	.72221	.05603	3.0620	.28658
#3	.27059	.90786	1.3365	.33753	.72234	.05624	3.0497	.28574

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	12.466	1.6465	.26855	3.6127	1.1562	.68116	2.5034	.01834
Stddev	.033	.0119	.00056	.0142	.0030	.00022	.0062	.00029
%RSD	.26169	.72341	.21028	.39380	.25821	.03256	.24844	1.5750

#1	12.430	1.6329	.26898	3.5974	1.1585	.68091	2.5018	.01802
#2	12.493	1.6514	.26877	3.6255	1.1528	.68131	2.5102	.01844
#3	12.476	1.6551	.26791	3.6154	1.1572	.68127	2.4981	.01857

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	2.1841	.44062	.72205	.73604	5.9576	.22116	4.1368	.01180
Stddev	.0044	.00129	.00115	.00191	.0151	.00211	.0097	.00009
%RSD	.20295	.29218	.15971	.25889	.25334	.95237	.23550	.80301

#1	2.1799	.44029	.72083	.73469	5.9414	.21875	4.1481	.01169
#2	2.1887	.44204	.72313	.73822	5.9712	.22206	4.1315	.01183
#3	2.1836	.43953	.72220	.73520	5.9604	.22266	4.1310	.01187

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	.20906	3.9893	1.4890	2.1140	9.5201	.4281	66.990	1036.1
Stddev	.00016	.0235	.0060	.0018	.0170	.0009	.151	10.5
%RSD	.07686	.58942	.39935	.08307	.17898	.2218	.22580	1.0163

#1	.20907	4.0045	1.4835	2.1160	9.5092	.4272	67.159	1037.7
#2	.20922	3.9622	1.4953	2.1129	9.5114	.4291	66.867	1024.9
#3	.20890	4.0012	1.4883	2.1132	9.5398	.4281	66.945	1045.8

Sample Name: S4 Acquired: 7/3/2019 11:10:20 Type: Cal
 Method: P4-ICP2(v3248) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-247.96
Stddev	4.94
%RSD	1.9911

#1	-253.15
#2	-243.32
#3	-247.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2438.4	26938.	1967.6	31.072	2212.6
Stddev	2.4	38.	8.2	.911	5.6
%RSD	.09892	.14104	.41596	2.9307	.25339

#1	2435.7	26955.	1958.8	30.098	2218.9
#2	2439.1	26894.	1975.1	31.902	2208.0
#3	2440.4	26964.	1968.9	31.217	2210.9

Sample Name: S5 Acquired: 7/3/2019 11:14:18 Type: Cal
Method: P4-ICP2(v3248) 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	.55101	1.8663	2.7751	.68022	1.4641	.11343	6.1168	.57113
Stddev	.00092	.0074	.0082	.00058	.0007	.00112	.0281	.00091
%RSD	.16622	.39832	.29678	.08568	.04718	.98965	.45992	.15864

#1	.55073	1.8745	2.7846	.67970	1.4639	.11221	6.1433	.57125
#2	.55027	1.8646	2.7701	.68012	1.4648	.11366	6.0873	.57017
#3	.55203	1.8599	2.7705	.68085	1.4635	.11442	6.1199	.57197

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	26.047	3.2934	.53327	7.5477	2.2864	1.3448	4.9741	.03688
Stddev	.087	.0163	.00077	.0292	.0003	.0026	.0081	.00015
%RSD	.33450	.49434	.14412	.38693	.01362	.19179	.16219	.41180

#1	26.147	3.2752	.53310	7.5805	2.2867	1.3424	4.9682	.03672
#2	26.002	3.2984	.53260	7.5379	2.2862	1.3445	4.9707	.03691
#3	25.991	3.3066	.53411	7.5246	2.2862	1.3476	4.9833	.03702

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	4.5442	.88117	1.4687	1.4752	12.524	.44343	8.3091	.02395
Stddev	.0105	.00120	.0041	.0013	.041	.00192	.0124	.00031
%RSD	.23038	.13606	.27686	.08934	.32848	.43404	.14881	1.3111

#1	4.5558	.88078	1.4640	1.4737	12.571	.44186	8.2988	.02362
#2	4.5411	.88021	1.4714	1.4756	12.511	.44558	8.3057	.02425
#3	4.5356	.88251	1.4707	1.4763	12.492	.44287	8.3228	.02398

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	.45087	7.8213	3.1114	4.2280	19.133	.9186	133.77	964.72
Stddev	.00240	.0493	.0074	.0061	.080	.0008	.41	19.53
%RSD	.53159	.63064	.23725	.14381	.41997	.0889	.30768	2.0242

#1	.45323	7.8187	3.1191	4.2341	19.123	.9196	134.02	975.27
#2	.45096	7.7733	3.1044	4.2219	19.058	.9181	133.29	942.19
#3	.44844	7.8718	3.1108	4.2279	19.218	.9183	133.99	976.71

Sample Name: S5 Acquired: 7/3/2019 11:14:18 Type: Cal
Method: P4-ICP2(v3248) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-280.13
Stddev	4.80
%RSD	1.7135

#1	-278.95
#2	-276.04
#3	-285.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.0	26653.	1975.2	29.402	2065.6
Stddev	2.9	71.	11.6	1.292	5.1
%RSD	.12062	.26806	.58920	4.3953	.24697

#1	2391.9	26585.	1965.0	30.239	2059.7
#2	2391.4	26728.	1987.9	27.913	2068.7
#3	2386.7	26646.	1972.6	30.052	2068.4

Sample Name: ICV01 Acquired: 7/3/2019 11:18:24 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0033	1.0138	.99231	1.0234	1.0136	2.5802	.51743
Stddev	.0128	.0015	.00590	.0074	.0028	.0108	.00069
%RSD	1.2783	.14388	.59470	.72649	.27540	.41996	.13297

#1	1.0027	1.0122	.98772	1.0173	1.0115	2.5909	.51706
#2	.99074	1.0143	.99025	1.0317	1.0125	2.5692	.51702
#3	1.0164	1.0150	.99897	1.0213	1.0168	2.5804	.51823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50249	.47949	10.254	.51189	.49346	.53617	5.2052
Stddev	.00184	.00414	.024	.00276	.00365	.00265	.0101
%RSD	.36626	.86445	.23486	.53884	.73969	.49350	.19300

#1	.50038	.47476	10.226	.50958	.48954	.53357	5.1944
#2	.50327	.48123	10.263	.51494	.49405	.53608	5.2143
#3	.50381	.48249	10.272	.51115	.49677	.53886	5.2068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51791	6.0225	.49941	.51734	9.9919	.51466	.97053
Stddev	.00200	.0632	.00273	.00175	.0319	.00231	.00725
%RSD	.38693	1.0500	.54714	.33900	.31895	.44918	.74720

#1	.51564	5.9873	.49644	.51820	9.9632	.51201	.96231
#2	.51861	5.9846	.49997	.51532	9.9863	.51620	.97325
#3	.51946	6.0955	.50182	.51849	10.026	.51579	.97603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9791	2.5690	2.5936	F .00253	2.4342	2.4160	2.5232
Stddev	.0532	.0176	.0342	.00334	.0144	.0089	.0308
%RSD	.53327	.68385	1.3192	131.63	.59258	.36827	1.2227

#1	9.9313	2.5497	2.5570	.00130	2.4328	2.4062	2.5376
#2	10.036	2.5732	2.5992	-.00001	2.4493	2.4184	2.5443
#3	9.9695	2.5841	2.6247	.00631	2.4206	2.4235	2.4878

Sample Name: ICV01 Acquired: 7/3/2019 11:18:24 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00026	F -.0077	F .00754	F 2.8840	F 1.7344
Stddev	.00325	.0010	.00022	.0760	.5091
%RSD	1235.2	12.64	2.9234	2.6365	29.355
#1	-.00376	-.0087	.00780	2.8007	1.1550
#2	.00265	-.0075	.00740	2.9016	2.1103
#3	.00032	-.0068	.00743	2.9497	1.9378
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.7	27267.	1994.9	31.524	2378.9
Stddev	2.2	100.	22.3	.950	6.2
%RSD	.08938	.36833	1.1185	3.0139	.26218
#1	2486.5	27232.	1985.4	30.427	2386.0
#2	2482.3	27189.	1978.9	32.086	2374.3
#3	2485.4	27381.	2020.4	32.059	2376.5

Sample Name: LLICV01 Acquired: 7/3/2019 11:46:11 Type: Unk
Method: P4-ICP2(v3248) 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	.02079	.04180	.01177	.02056	.05263	.08591	.11186	.00673
Stddev	.00309	.00167	.00043	.00413	.00240	.01093	.00138	.00012
%RSD	14.874	3.9938	3.6623	20.103	4.5610	12.719	1.2379	1.7744
#1	.01855	.03988	.01128	.01692	.05184	.09366	.11027	.00664
#2	.01951	.04276	.01208	.02506	.05532	.07341	.11273	.00687
#3	.02432	.04277	.01195	.01970	.05072	.09067	.11259	.00669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	2.1425	.01063	.02990	.02268	.11068	.02324	2.1246
Stddev	.00003	.0372	.00046	.00004	.00047	.00154	.00019	.1001
%RSD	.48571	1.7348	4.3669	.14902	2.0597	1.3895	.80233	4.7122
#1	.00584	2.1000	.01115	.02988	.02322	.11167	.02311	2.0983
#2	.00586	2.1581	.01049	.02996	.02240	.11146	.02345	2.0402
#3	.00590	2.1693	.01025	.02988	.02241	.10890	.02315	2.2352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04083	.01062	1.9300	.04300	.03951	1.9187	.21538	.11588
Stddev	.00044	.00066	.0243	.00026	.00019	.0496	.00033	.03423
%RSD	1.0742	6.2013	1.2593	.59818	.48371	2.5834	.15184	29.543
#1	.04095	.01137	1.9067	.04270	.03938	1.9752	.21501	.14192
#2	.04119	.01033	1.9280	.04316	.03973	1.8826	.21549	.12861
#3	.04034	.01015	1.9552	.04314	.03943	1.8982	.21563	.07710
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01540	.38034	.03803	.04288	.01803	.0171	F .02419	F 3.8775
Stddev	.00720	.00611	.00071	.00258	.00068	.0024	.00006	.3333
%RSD	46.769	1.6072	1.8607	6.0103	3.7855	14.00	.22792	8.5952
#1	.01744	.38284	.03804	.04473	.01878	.0192	.02418	4.2326
#2	.02136	.38480	.03732	.03993	.01789	.0176	.02414	3.8286
#3	.00740	.37337	.03873	.04396	.01743	.0145	.02425	3.5714

Sample Name: LLICV01 Acquired: 7/3/2019 11:46:11 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .20543
Stddev	.14105
%RSD	68.658

#1	.11872
#2	.12940
#3	.36819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.4	27460.	2022.7	32.998	2444.5
Stddev	6.4	30.	15.6	1.097	1.2
%RSD	.25932	.11102	.76945	3.3245	.04979

#1	2465.2	27427.	2012.7	31.732	2443.2
#2	2478.0	27466.	2014.9	33.643	2445.0
#3	2471.1	27487.	2040.7	33.620	2445.4

Sample Name: ICB01 Acquired: 7/3/2019 11:50:59 Type: Unk
Method: P4-ICP2(v3248) 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	-.00345	-.00059	-.00205	-.00249	-.00052	-.03345	.00132	-.00008
Stddev	.00114	.00120	.00143	.00400	.00156	.02128	.00114	.00003
%RSD	33.071	203.86	69.685	160.82	300.86	63.620	86.208	33.367
#1	-.00453	-.00056	-.00361	-.00153	-.00184	-.01454	.00260	-.00008
#2	-.00225	-.00180	-.00081	-.00688	.00120	-.02930	.00040	-.00006
#3	-.00358	.00060	-.00172	.00094	-.00092	-.05649	.00097	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00439	-.00061	-.00016	-.00063	-.00010	.00014	-.05893
Stddev	.00005	.01981	.00014	.00012	.00034	.00109	.00004	.05594
%RSD	58.571	451.12	23.272	75.689	52.917	1111.2	27.672	94.931
#1	-.00007	.01262	-.00077	-.00012	-.00042	-.00136	.00018	-.01452
#2	-.00005	.01876	-.00053	-.00030	-.00046	.00056	.00010	-.04050
#3	-.00015	-.01821	-.00053	-.00007	-.00102	.00050	.00013	-.12175
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00021	-.24756	-.00025	-.00000	-.14876	-.00034	-.00079
Stddev	.00049	.00043	.00503	.00034	.00012	.05782	.00029	.00984
%RSD	65.257	207.27	2.0312	135.07	3624.8	38.865	84.820	1238.2
#1	.00037	.00027	-.25293	-.00054	.00013	-.17516	-.00004	-.01213
#2	.00131	-.00056	-.24678	.00013	-.00008	-.08246	-.00037	.00422
#3	.00058	-.00034	-.24296	-.00036	-.00006	-.18866	-.00061	.00553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00501	-.00143	.00078	-.00336	-.0016	.00009	F 3.8932
Stddev	.00132	.00329	.00009	.00105	.00027	.0012	.00008	.2391
%RSD	147.21	65.615	6.2253	134.89	8.0510	76.52	90.583	6.1405
#1	-.00088	-.00125	-.00139	.00198	-.00328	-.0028	.00016	3.7844
#2	.00041	-.00732	-.00153	.00009	-.00313	-.0015	.00008	3.7280
#3	-.00223	-.00647	-.00136	.00025	-.00366	-.0004	.00001	4.1674

Sample Name: ICB01 Acquired: 7/3/2019 11:50:59 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .65904
Stddev .36769
%RSD 55.791

#1 .37313
#2 .53018
#3 1.0738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.4	27568.	2029.1	32.310	2457.8
Stddev	5.3	77.	12.2	.758	2.2
%RSD	.21634	.28023	.60001	2.3461	.09115

#1	2466.8	27515.	2017.4	32.445	2455.4
#2	2477.4	27531.	2028.2	31.493	2459.8
#3	2473.0	27656.	2041.7	32.991	2458.3

Sample Name: CRI01 Acquired: 7/3/2019 11:59:57 Type: Unk
Method: P4-ICP2(v3248) 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	.02052	.04293	.01151	.02002	.05457	.09519	.11053	.00678
Stddev	.00178	.00090	.00046	.00142	.00327	.01951	.00079	.00019
%RSD	8.6529	2.0989	4.0136	7.0951	5.9844	20.496	.71208	2.8495

#1	.01860	.04201	.01129	.01869	.05099	.10919	.10986	.00658
#2	.02209	.04295	.01204	.02151	.05532	.10349	.11034	.00697
#3	.02088	.04381	.01119	.01987	.05739	.07291	.11140	.00681

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.1665	.01055	.02991	.02286	.11155	.02340	2.1748
Stddev	.00008	.0414	.00006	.00015	.00044	.00230	.00009	.0978
%RSD	1.3428	1.9111	.59707	.48995	1.9385	2.0648	.38065	4.4951

#1	.00603	2.1188	.01049	.02986	.02260	.10924	.02334	2.2685
#2	.00588	2.1883	.01053	.02979	.02337	.11385	.02335	2.1824
#3	.00590	2.1925	.01062	.03008	.02261	.11155	.02350	2.0734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04132	.01083	1.9225	.04306	.03998	1.9252	.21515	.10515
Stddev	.00013	.00037	.0142	.00042	.00015	.0625	.00082	.02014
%RSD	.32417	3.4240	.74086	.96866	.38675	3.2461	.38048	19.149

#1	.04116	.01107	1.9122	.04314	.03982	1.8754	.21546	.12478
#2	.04138	.01040	1.9388	.04261	.04013	1.9953	.21422	.08455
#3	.04140	.01101	1.9166	.04344	.03998	1.9047	.21577	.10613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01388	.38782	.03762	.04401	.01919	.0167	.02404	F 4.1259
Stddev	.00374	.00633	.00093	.00338	.00288	.0013	.00028	.4251
%RSD	26.942	1.6333	2.4647	7.6766	15.013	7.945	1.1600	10.303

#1	.00962	.38121	.03855	.04231	.01654	.0152	.02375	3.6351
#2	.01660	.38841	.03670	.04791	.01877	.0171	.02430	4.3765
#3	.01544	.39384	.03761	.04183	.02226	.0178	.02408	4.3662

Sample Name: CRI01 Acquired: 7/3/2019 11:59:57 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .67064
Stddev .47828
%RSD 71.317

#1 .71513
#2 .17167
#3 1.1251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.2	27695.	2035.6	32.755	2447.1
Stddev	7.2	43.	9.8	.226	7.0
%RSD	.28988	.15625	.48010	.69053	.28610

#1	2469.6	27726.	2045.3	32.709	2439.0
#2	2484.0	27645.	2035.7	32.555	2451.6
#3	2477.9	27713.	2025.8	33.000	2450.6

Sample Name: ICSA01 Acquired: 7/3/2019 12:04:25 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	.00609	-.00616	.00109	.01177	277.44	.00823
Stddev	.00306	.00190	.00197	.00358	.00161	.57	.00121
%RSD	684.28	31.219	32.035	328.19	13.661	.20521	14.651

#1	-.00186	.00596	-.00747	.00234	.01085	276.79	.00720
#2	-.00254	.00805	-.00389	.00387	.01083	277.86	.00956
#3	.00306	.00426	-.00712	-.00295	.01362	277.66	.00794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00358	244.09	.04689	-.00096	.00793	96.335
Stddev	.00005	.00014	.96	.00048	.00017	.00041	.824
%RSD	3.5667	3.9664	.39186	1.0290	17.830	5.1913	.85506

#1	-.00159	-.00347	245.07	.04635	-.00084	.00750	96.762
#2	-.00154	-.00374	244.06	.04705	-.00089	.00832	96.857
#3	-.00148	-.00352	243.16	.04727	-.00116	.00798	95.385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01320	267.83	-.01281	-.00159	-.15475	.00104	-.01160
Stddev	.00031	.66	.00029	.00042	.01254	.00020	.00015
%RSD	2.3296	.24614	2.2402	26.450	8.1053	19.333	1.2894

#1	.01344	267.18	-.01252	-.00164	-.16922	.00108	-.01175
#2	.01285	268.50	-.01309	-.00199	-.14794	.00121	-.01145
#3	.01330	267.81	-.01282	-.00115	-.14708	.00082	-.01159

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12047	-.00111	.03558	F -.03058	-.00779	.01041	-.00250
Stddev	.04751	.00066	.02060	.01092	.00038	.00115	.00236
%RSD	39.435	59.768	57.886	35.719	4.8936	11.073	94.433

#1	-.11160	-.00187	.01689	-.03243	-.00741	.00911	-.00063
#2	-.17178	-.00078	.03219	-.04046	-.00779	.01082	-.00172
#3	-.07802	-.00068	.05766	-.01885	-.00817	.01130	-.00516

Sample Name: ICSA01 Acquired: 7/3/2019 12:04:25 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00235	F .0256	.00681	4.7004	25.952
Stddev	.00139	.0009	.00074	.1995	.540
%RSD	58.878	3.652	10.831	4.2451	2.0805
#1	.00267	.0254	.00627	4.7376	25.970
#2	.00084	.0249	.00652	4.8787	25.403
#3	.00356	.0267	.00765	4.4849	26.483
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.4	25772.	1983.9	30.407	1999.6
Stddev	4.9	92.	8.7	1.785	4.4
%RSD	.21362	.35787	.43764	5.8714	.22088
#1	2298.1	25820.	1979.3	31.792	1994.5
#2	2304.1	25666.	1978.4	28.392	2002.3
#3	2307.9	25831.	1993.9	31.037	2001.9

Sample Name: ICSAB01 Acquired: 7/3/2019 12:09:05 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10001	.10793	.05293	.05833	.63913	281.31	.55780
Stddev	.00318	.00222	.00085	.00552	.00357	.52	.00051
%RSD	3.1824	2.0548	1.5982	9.4684	.55885	.18355	.09107

#1	.09946	.10788	.05223	.05930	.64284	280.71	.55792
#2	.09714	.11018	.05270	.06331	.63884	281.61	.55824
#3	.10343	.10574	.05387	.05239	.63572	281.61	.55725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55452	1.0184	245.23	.56331	.51543	.52073	96.644
Stddev	.00183	.0027	.82	.00224	.00056	.00174	.452
%RSD	.32959	.26041	.33272	.39830	.10769	.33355	.46743

#1	.55324	1.0205	245.87	.56122	.51599	.52235	96.530
#2	.55661	1.0154	245.50	.56568	.51542	.51889	97.142
#3	.55371	1.0194	244.31	.56302	.51488	.52096	96.261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53602	270.20	1.0011	.21235	-.17823	.52353	1.0718
Stddev	.00125	.27	.0018	.00278	.00962	.00233	.0016
%RSD	.23385	.10127	.17846	1.3088	5.3998	.44531	.15200

#1	.53574	270.44	.99902	.21050	-.18895	.52086	1.0733
#2	.53739	269.90	1.0022	.21555	-.17034	.52516	1.0701
#3	.53493	270.25	1.0020	.21101	-.17541	.52458	1.0720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12302	1.0489	1.1494	F -.03308	.92379	1.0644	1.0557
Stddev	.03336	.0016	.0438	.00481	.00213	.0002	.0070
%RSD	27.120	.15326	3.8090	14.539	.23093	.01713	.66766

#1	-.12237	1.0474	1.0989	-.02758	.92603	1.0642	1.0549
#2	-.15670	1.0506	1.1769	-.03515	.92355	1.0645	1.0632
#3	-.08999	1.0488	1.1724	-.03651	.92178	1.0644	1.0491

Sample Name: ICSAB01 Acquired: 7/3/2019 12:09:05 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00289	F .0164	F .00702	4.8562	26.110
Stddev	.00254	.0015	.00043	.1875	.784
%RSD	87.879	9.005	6.0646	3.8613	3.0023
#1	-.00066	.0147	.00747	4.8655	25.862
#2	-.00566	.0175	.00662	5.0388	25.480
#3	-.00235	.0171	.00698	4.6642	26.988
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.5	25632.	1986.1	31.159	1983.8
Stddev	8.9	78.	9.2	1.993	6.7
%RSD	.38979	.30549	.46374	6.3975	.33960
#1	2287.3	25612.	1978.3	28.868	1979.2
#2	2303.8	25566.	1983.7	32.110	1991.6
#3	2289.5	25719.	1996.2	32.498	1980.8

Sample Name: CCV01 Acquired: 7/3/2019 12:13:32 Type: Unk
Method: P4-ICP2(v3248) 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	4.9044	4.9248	4.8867	4.9437	5.0142	10.073	9.8841	.25198
Stddev	.0045	.0037	.0051	.0037	.0077	.100	.0257	.00066
%RSD	.09095	.07617	.10360	.07467	.15393	.99072	.26015	.26061

#1	4.9052	4.9252	4.8925	4.9448	5.0224	10.155	9.8867	.25274
#2	4.9084	4.9283	4.8832	4.9467	5.0070	9.9617	9.8572	.25163
#3	4.8996	4.9209	4.8845	4.9396	5.0132	10.103	9.9084	.25157

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4474	24.673	.98658	2.4479	1.2581	4.9815	2.5118	24.718
Stddev	.0057	.072	.00134	.0036	.0005	.0081	.0058	.072
%RSD	.23160	.29381	.13632	.14799	.04062	.16311	.23205	.29097

#1	2.4522	24.741	.98510	2.4503	1.2581	4.9764	2.5150	24.635
#2	2.4487	24.597	.98692	2.4497	1.2587	4.9909	2.5153	24.767
#3	2.4411	24.682	.98773	2.4437	1.2576	4.9773	2.5051	24.751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4316	1.2189	24.507	2.4706	2.4256	24.565	4.9411	5.0470
Stddev	.0036	.0044	.069	.0039	.0047	.195	.0040	.0352
%RSD	.14658	.35923	.28076	.15963	.19212	.79432	.08108	.69845

#1	2.4343	1.2196	24.565	2.4713	2.4300	24.646	4.9455	5.0374
#2	2.4330	1.2229	24.431	2.4740	2.4261	24.343	4.9399	5.0860
#3	2.4276	1.2143	24.525	2.4663	2.4207	24.707	4.9378	5.0175

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7950	F 4.7253	4.8055	4.9189	4.9625	4.951	5.1235	4.7805
Stddev	.0180	.0167	.0072	.0202	.0156	.015	.0098	.1060
%RSD	.37498	.35255	.14910	.41046	.31373	.3044	.19227	2.2167

#1	4.8133	4.7063	4.8111	4.9013	4.9617	4.968	5.1259	4.6614
#2	4.7943	4.7370	4.8079	4.9145	4.9474	4.947	5.1126	4.8157
#3	4.7773	4.7327	4.7974	4.9410	4.9785	4.939	5.1319	4.8644

Sample Name: CCV01 Acquired: 7/3/2019 12:13:32 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7500
Stddev .6991
%RSD 25.421

#1 3.5126
#2 2.1395
#3 2.5980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.3	27184.	2010.3	31.545	2208.5
Stddev	1.5	79.	5.4	.804	3.9
%RSD	.06241	.28956	.26852	2.5481	.17655

#1	2425.6	27119.	2006.5	30.937	2205.4
#2	2428.4	27162.	2008.0	31.241	2207.3
#3	2427.9	27271.	2016.5	32.456	2212.9

Sample Name: LLCCV01 Acquired: 7/3/2019 12:17:30 Type: Unk
Method: P4-ICP2(v3248) 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	.02131	.04124	.01108	.02042	.05425	.10853	.10803	.00664
Stddev	.00017	.00134	.00069	.00331	.00132	.01958	.00048	.00009
%RSD	.77641	3.2532	6.2304	16.191	2.4352	18.045	.44663	1.3604
#1	.02146	.04278	.01149	.01716	.05273	.09009	.10776	.00672
#2	.02134	.04057	.01147	.02378	.05489	.10641	.10859	.00654
#3	.02113	.04036	.01029	.02033	.05513	.12909	.10775	.00666
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00580	2.1364	.01004	.02909	.02216	.11479	.02283	2.0667
Stddev	.00006	.0385	.00054	.00043	.00054	.00131	.00013	.0493
%RSD	1.0764	1.8003	5.3741	1.4729	2.4208	1.1440	.55215	2.3832
#1	.00574	2.1680	.01051	.02868	.02154	.11600	.02297	2.1192
#2	.00580	2.0936	.01018	.02906	.02248	.11498	.02280	2.0592
#3	.00586	2.1476	.00945	.02954	.02246	.11339	.02272	2.0216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04018	.01088	1.8350	.04186	.03857	1.8694	.21054	.11173
Stddev	.00046	.00018	.0158	.00033	.00008	.0083	.00066	.02270
%RSD	1.1573	1.6984	.85880	.78035	.21397	.44242	.31163	20.313
#1	.04011	.01109	1.8184	.04160	.03860	1.8779	.21036	.09124
#2	.04068	.01075	1.8497	.04175	.03848	1.8689	.21000	.13612
#3	.03975	.01080	1.8368	.04222	.03864	1.8614	.21127	.10783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01310	.37850	.03755	.04387	.01822	.0185	.02385	F 4.1457
Stddev	.00351	.00380	.00093	.00219	.00048	.0014	.00013	.1420
%RSD	26.785	1.0043	2.4655	4.9821	2.6449	7.436	.53490	3.4243
#1	.01486	.38007	.03759	.04139	.01771	.0186	.02375	4.0418
#2	.00906	.37416	.03660	.04552	.01867	.0171	.02380	4.0878
#3	.01538	.38126	.03845	.04469	.01826	.0199	.02399	4.3074

Sample Name: LLCCV01 Acquired: 7/3/2019 12:17:30 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .42586
Stddev	.17346
%RSD	40.731

#1	.22590
#2	.51589
#3	.53580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.1	27512.	2010.2	32.439	2452.5
Stddev	2.6	30.	10.2	.504	2.5
%RSD	.10666	.10925	.50958	1.5541	.10143

#1	2478.2	27481.	2000.3	32.470	2455.0
#2	2483.1	27542.	2020.8	31.920	2452.5
#3	2479.1	27514.	2009.5	32.927	2450.1

Sample Name: CCB01 Acquired: 7/3/2019 12:21:58 Type: Unk
Method: P4-ICP2(v3248) 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	-.00275	.00025	-.00184	-.00137	-.00142	-.01125	.00163	-.00008
Stddev	.00229	.00057	.00203	.00243	.00205	.02353	.00110	.00007
%RSD	83.121	232.52	110.51	176.97	144.80	209.13	67.471	87.734
#1	-.00535	-.00025	-.00013	-.00416	-.00143	-.00864	.00146	-.00007
#2	-.00186	.00088	-.00130	-.00025	.00064	.01086	.00280	-.00016
#3	-.00104	.00011	-.00409	.00030	-.00346	-.03598	.00062	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.03002	-.00000	-.00004	-.00061	.00507	.00006	-.02749
Stddev	.00006	.02372	.00003	.00014	.00042	.00096	.00007	.02334
%RSD	236.20	79.020	16945.	329.78	69.912	18.939	123.31	84.893
#1	.00002	.02789	-.00003	-.00020	-.00072	.00586	.00012	-.00577
#2	-.00003	.05473	.00001	.00005	-.00096	.00400	.00006	-.05217
#3	.00009	.00743	.00002	.00003	-.00014	.00534	-.00002	-.02455
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00013	-.26854	.00020	.00011	-.23149	-.00036	.01520
Stddev	.00043	.00046	.00285	.00042	.00004	.04095	.00009	.03124
%RSD	67.046	355.74	1.0613	207.54	32.675	17.690	25.932	205.53
#1	.00076	-.00066	-.26555	-.00024	.00010	-.26661	-.00039	-.01087
#2	.00099	.00010	-.27123	.00060	.00007	-.24135	-.00025	.00664
#3	.00016	.00017	-.26885	.00026	.00014	-.18651	-.00042	.04982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	-.00283	-.00076	.00103	-.00549	-.0013	.00002	F 4.2336
Stddev	.00199	.00077	.00036	.00297	.00134	.0008	.00008	.2040
%RSD	67.136	27.235	47.369	289.73	24.425	61.25	315.15	4.8190
#1	-.00464	-.00346	-.00084	.00383	-.00428	-.0012	-.00002	4.4228
#2	-.00348	-.00197	-.00036	-.00209	-.00693	-.0021	.00011	4.2606
#3	-.00077	-.00304	-.00106	.00134	-.00526	-.0005	-.00002	4.0174

Sample Name: CCB01 Acquired: 7/3/2019 12:21:58 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .16464
Stddev .59640
%RSD 362.25

#1 -.39524
#2 .09730
#3 .79186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.5	27439.	2005.7	32.893	2454.3
Stddev	7.0	36.	9.8	.359	8.4
%RSD	.28448	.12975	.48931	1.0908	.34425

#1	2466.6	27437.	1994.5	32.507	2447.1
#2	2480.3	27404.	2012.8	33.216	2463.6
#3	2470.5	27475.	2009.8	32.957	2452.4

Sample Name: LR CHECK 1 Acquired: 7/3/2019 12:27:55 Type: Unk
Method: P4-ICP2(v3248) 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	-.07430	-.00097	-.13949	-.28778	.12259	1924.2	.01405	.02360
Stddev	.00350	.00202	.00273	.00386	.00903	7.4	.00049	.00028
%RSD	4.7126	207.63	1.9565	1.3417	7.3670	.38348	3.5233	1.1950

#1	-.07054	-.00190	-.14206	-.29224	.11392	1928.1	.01360	.02350
#2	-.07491	.00134	-.13663	-.28555	.13195	1915.7	.01396	.02338
#3	-.07746	-.00237	-.13978	-.28554	.12190	1928.8	.01458	.02392

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11720	1774.9	-.07130	.10058	.19872	928.25	-.04017	1972.2
Stddev	.00144	6.7	.00069	.00141	.00307	5.35	.00032	3.6
%RSD	1.2265	.37666	.96446	1.3976	1.5458	.57620	.78622	.18162

#1	.11629	1767.7	-.07191	.09946	.19542	927.99	-.04041	1975.4
#2	.11646	1776.2	-.07142	.10013	.20149	923.03	-.03981	1968.3
#3	.11886	1780.9	-.07056	.10216	.19924	933.72	-.04028	1972.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04809	-.12615	1857.7	.00756	.21866	965.34	-.00794	-1.7096
Stddev	.00250	.00055	6.8	.00056	.00377	4.81	.00087	.0265
%RSD	5.2018	.43816	.36346	7.4663	1.7254	.49871	10.918	1.5474

#1	-.04901	-.12603	1855.1	.00758	.21822	964.58	-.00697	-1.7292
#2	-.04526	-.12675	1852.6	.00812	.21512	960.95	-.00820	-1.6795
#3	-.05000	-.12566	1865.3	.00699	.22263	970.48	-.00864	-1.7202

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09992	.00186	.11487	-.05729	.01540	.2601	-1.0042	<.00000
Stddev	.01415	.00427	.00119	.00223	.00062	.0017	.0060	.18127
%RSD	14.164	229.69	1.0402	3.8900	4.0550	.6602	.59697	1.7222

#1	.09039	.00587	.11355	-.05553	.01612	.2620	-1.0038	-10.382
#2	.09319	.00232	.11519	-.05980	.01499	.2597	-.99835	-10.729
#3	.11618	-.00262	.11588	-.05655	.01509	.2586	-1.0103	-10.466

Sample Name: LR CHECK 1 Acquired: 7/3/2019 12:27:55 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.8	21381.	1808.8	26.506	1029.1
Stddev	8.3	86.	10.2	1.673	9.1
%RSD	.43878	.40290	.56232	6.3130	.88688

#1	1896.4	21352.	1819.0	28.027	1034.0
#2	1889.9	21478.	1808.5	24.714	1034.7
#3	1880.0	21313.	1798.7	26.777	1018.6

Sample Name: LR CHECK 2 Acquired: 7/3/2019 12:32:42 Type: Unk
Method: P4-ICP2(v3248) 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	-.00690	-.01723	226.64	.03460	-.02835	-.12537	92.707	-.00171
Stddev	.00275	.00278	.04	.00176	.00076	.00221	.612	.00007
%RSD	39.835	16.108	.01841	5.0728	2.6717	1.7648	.66018	4.0518

#1	-.00753	-.02003	226.62	.03532	-.02779	-.12423	93.411	-.00178
#2	-.00927	-.01448	226.69	.03260	-.02921	-.12792	92.403	-.00171
#3	-.00389	-.01719	226.61	.03589	-.02804	-.12396	92.306	-.00165

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00756	.42624	-.11341	.00334	242.94	-.66675	45.664	-.11627
Stddev	.00002	.01033	.00051	.00039	.89	.01172	.142	.05198
%RSD	.30886	2.4223	.45378	11.684	.36535	1.7570	.31205	44.706

#1	-.00753	.43641	-.11321	.00379	242.08	-.65379	45.662	-.05816
#2	-.00758	.41577	-.11400	.00310	243.85	-.66986	45.807	-.13230
#3	-.00756	.42654	-.11302	.00313	242.90	-.67659	45.522	-.15834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.338	.00475	1.0850	-.32601	36.810	.79327	-.00915	.01488
Stddev	.016	.00065	.0886	.00192	.049	.17491	.00055	.02064
%RSD	.03333	13.705	8.1637	.58914	.13220	22.050	5.9668	138.77

#1	48.325	.00404	1.1746	-.32823	36.805	.96507	-.00871	.00131
#2	48.332	.00490	1.0829	-.32497	36.765	.79933	-.00976	.00468
#3	48.356	.00531	.99747	-.32483	36.862	.61540	-.00898	.03863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02675	.00724	.00158	.01686	-.00173	-2.438	.00113	6.6405
Stddev	.00843	.00194	.00049	.00262	.00235	.015	.00006	.1780
%RSD	31.519	26.837	30.810	15.518	135.81	.6108	5.3534	2.6806

#1	-.02146	.00825	.00113	.01907	-.00225	-2.441	.00108	6.5744
#2	-.03647	.00500	.00151	.01397	-.00377	-2.421	.00110	6.5050
#3	-.02231	.00846	.00209	.01755	.00084	-2.451	.00120	6.8421

Sample Name: LR CHECK 2 Acquired: 7/3/2019 12:32:42 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6893
 Stddev .0898
 %RSD 5.3137

#1 1.6337
 #2 1.7928
 #3 1.6413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.7	28621.	2077.9	32.777	2316.7
Stddev	3.6	42.	18.9	.786	6.6
%RSD	.14891	.14533	.90968	2.3982	.28529

#1	2447.0	28576.	2097.2	33.677	2318.5
#2	2444.2	28628.	2077.2	32.423	2322.2
#3	2439.8	28659.	2059.4	32.230	2309.3

Sample Name: K3618-01 Acquired: 7/3/2019 13:31:41 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02264	-.05291	.09417	-.00546	.00789	118.87	.44697	.00570
Stddev	.00288	.00031	.00286	.00216	.00067	.90	.00349	.00007
%RSD	12.708	.58588	3.0387	39.634	8.5399	.75875	.78192	1.1901
#1	.02292	-.05297	.09342	-.00296	.00739	117.94	.44320	.00566
#2	.02537	-.05318	.09176	-.00665	.00866	119.74	.45011	.00578
#3	.01964	-.05257	.09733	-.00677	.00763	118.92	.44759	.00565
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01215	70.139	.12364	.27490	.41389	256.99	5.9962	58.049
Stddev	.00021	.359	.00112	.00142	.00093	2.26	.0640	.338
%RSD	1.7139	.51238	.90775	.51802	.22388	.88028	1.0671	.58291
#1	.01231	70.413	.12303	.27585	.41324	257.25	6.0072	57.979
#2	.01191	69.732	.12494	.27558	.41495	259.11	6.0541	58.417
#3	.01222	70.272	.12297	.27326	.41348	254.61	5.9275	57.751
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23020	-.00801	4.9091	.50755	.83676	7.6049	.00514	.04081
Stddev	.00126	.00061	.0351	.00436	.00212	.0513	.00007	.01711
%RSD	.54716	7.6112	.71564	.85945	.25367	.67430	1.2895	41.933
#1	.23165	-.00760	4.8719	.50667	.83908	7.6044	.00520	.04438
#2	.22937	-.00871	4.9417	.51228	.83627	7.6564	.00507	.05586
#3	.22958	-.00773	4.9136	.50369	.83492	7.5539	.00514	.02220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1343	2.1954	.02520	6.6792	.11060	F 11.53	-.11659	<.00000
Stddev	.0230	.0418	.00035	.0355	.00115	.02	.00238	.62643
%RSD	.73497	1.9057	1.3720	.53161	1.0418	.1990	2.0435	3.5268
#1	3.1112	2.1653	.02480	6.7125	.10993	11.55	-.11663	-17.041
#2	3.1572	2.2432	.02545	6.6419	.10993	11.51	-.11895	-18.067
#3	3.1344	2.1777	.02534	6.6834	.11193	11.51	-.11418	-18.177

Sample Name: K3618-01 Acquired: 7/3/2019 13:31:41 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 115.74
 Stddev .29
 %RSD .24998

#1 115.41
 #2 115.84
 #3 115.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.0	43470.	3299.1	31.133	1976.7
Stddev	10.4	397.	23.3	1.442	3.5
%RSD	.26836	.91266	.70689	4.6327	.17798

#1	3868.4	43470.	3274.5	29.822	1973.5
#2	3853.3	43073.	3302.1	32.678	1976.1
#3	3873.2	43867.	3320.8	30.900	1980.5

Sample Name: K3618-01DUP Acquired: 7/3/2019 13:36:11 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01788	-.05039	.09659	-.00734	.00747	118.03	.44517	.00581
Stddev	.00455	.00358	.00093	.00154	.00151	.20	.00151	.00014
%RSD	25.454	7.0992	.96131	20.959	20.279	.17322	.33811	2.3530
#1	.01675	-.05126	.09553	-.00821	.00799	118.06	.44563	.00571
#2	.01399	-.04645	.09721	-.00825	.00576	118.22	.44639	.00597
#3	.02288	-.05345	.09704	-.00556	.00865	117.81	.44349	.00576
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01247	70.105	.12336	.27565	.41629	256.02	5.9874	58.045
Stddev	.00031	.459	.00133	.00030	.00110	1.63	.0528	.289
%RSD	2.5223	.65442	1.0751	.10889	.26418	.63484	.88197	.49807
#1	.01269	70.311	.12427	.27600	.41511	254.82	6.0398	58.133
#2	.01211	70.424	.12184	.27544	.41729	257.87	5.9883	58.280
#3	.01261	69.579	.12397	.27552	.41645	255.37	5.9342	57.722
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23274	-.00746	4.8377	.50590	.82614	7.5248	.00485	.05497
Stddev	.00053	.00018	.0143	.00508	.00190	.0067	.00024	.01821
%RSD	.22979	2.4767	.29567	1.0041	.23017	.08866	4.9210	33.122
#1	.23248	-.00756	4.8462	.51119	.82777	7.5285	.00512	.04954
#2	.23239	-.00725	4.8457	.50106	.82405	7.5171	.00473	.07528
#3	.23336	-.00758	4.8212	.50544	.82661	7.5288	.00469	.04010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1375	2.1312	.02391	6.7019	.11044	F 11.44	-.11058	<.00000
Stddev	.0111	.0463	.00033	.0185	.00077	.03	.00200	.28855
%RSD	.35495	2.1710	1.3847	.27566	.69655	.2699	1.8060	1.6103
#1	3.1419	2.1608	.02419	6.7227	.11112	11.47	-.10891	-18.145
#2	3.1249	2.1548	.02398	6.6874	.10960	11.41	-.11279	-17.594
#3	3.1459	2.0778	.02355	6.6956	.11059	11.44	-.11005	-18.017

Sample Name: K3618-01DUP Acquired: 7/3/2019 13:36:11 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 114.53
 Stddev 1.20
 %RSD 1.0489

#1 115.78
 #2 113.39
 #3 114.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.3	43652.	3303.6	31.002	1985.0
Stddev	4.7	145.	25.6	.530	2.1
%RSD	.12008	.33136	.77402	1.7084	.10734

#1	3882.1	43578.	3295.9	31.582	1983.2
#2	3873.9	43559.	3282.8	30.883	1987.3
#3	3881.8	43819.	3332.2	30.543	1984.4

Sample Name: K3618-01LX5 Acquired: 7/3/2019 13:40:45 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	-.00899	.01029	.00613	.00292	33.839	.12920	.00057
Stddev	.00669	.00084	.00112	.00354	.00115	.102	.00126	.00003
%RSD	149.95	9.3976	10.841	57.783	39.433	.30146	.97689	4.4111

#1	.01057	-.00988	.00980	.00897	.00296	33.780	.12777	.00055
#2	-.00268	-.00889	.00951	.00726	.00405	33.780	.12971	.00060
#3	.00549	-.00819	.01157	.00216	.00175	33.957	.13013	.00056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	21.096	.03613	.05166	.12894	90.576	1.8655	17.101
Stddev	.00014	.064	.00021	.00031	.00097	.594	.0018	.291
%RSD	4.7501	.30159	.59451	.60354	.75156	.65578	.09874	1.7033

#1	-.00313	21.025	.03592	.05200	.13006	91.132	1.8660	16.793
#2	-.00289	21.149	.03635	.05158	.12840	89.950	1.8635	17.137
#3	-.00288	21.112	.03610	.05140	.12837	90.647	1.8671	17.372

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04312	-.00048	1.2874	.15059	.14904	2.0697	.00098	.04505
Stddev	.00006	.00012	.0193	.00024	.00061	.0106	.00026	.01915
%RSD	.14266	25.679	1.4993	.16105	.41102	.51207	26.232	42.515

#1	.04305	-.00043	1.2884	.15050	.14929	2.0756	.00069	.06655
#2	.04317	-.00062	1.2676	.15040	.14834	2.0574	.00119	.02980
#3	.04314	-.00038	1.3061	.15086	.14949	2.0760	.00107	.03880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59003	.64102	.00370	1.9841	.03259	2.161	-.04925	<.00000
Stddev	.00457	.00864	.00071	.0099	.00135	.002	.00071	.19888
%RSD	.77525	1.3472	19.110	.49846	4.1574	.0763	1.4345	358.90

#1	.59125	.63701	.00319	1.9753	.03412	2.163	-.04991	.01709
#2	.58496	.65094	.00451	1.9823	.03154	2.160	-.04851	.09704
#3	.59386	.63512	.00340	1.9948	.03211	2.161	-.04934	-.28038

Sample Name: K3618-01LX5 Acquired: 7/3/2019 13:40:45 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.861
Stddev .293
%RSD 1.0893

#1 26.530
#2 27.085
#3 26.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.5	31091.	2294.2	32.312	2310.5
Stddev	11.7	157.	15.7	2.420	9.0
%RSD	.41716	.50604	.68417	7.4884	.38983

#1	2792.8	30909.	2280.3	33.845	2307.3
#2	2815.5	31179.	2290.9	29.523	2320.7
#3	2799.3	31185.	2311.2	33.568	2303.6

Sample Name: K3618-01MS Acquired: 7/3/2019 13:45:12 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42602	1.8836	1.0905	1.0286	.11102	131.62	.54205	.12199
Stddev	.00234	.0053	.0003	.0043	.00088	1.33	.00526	.00055
%RSD	.54858	.28395	.02322	.41512	.79173	1.0093	.97021	.44727
#1	.42693	1.8783	1.0902	1.0275	.11081	130.09	.53599	.12139
#2	.42336	1.8834	1.0904	1.0333	.11199	132.49	.54544	.12245
#3	.42776	1.8890	1.0907	1.0249	.11027	132.27	.54472	.12214
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21663	70.127	.34806	.51338	.63291	263.05	6.0789	60.837
Stddev	.00039	.108	.00074	.00089	.00202	1.22	.0395	.486
%RSD	.17857	.15355	.21258	.17247	.31958	.46477	.64946	.79955
#1	.21690	70.036	.34725	.51252	.63214	261.82	6.0353	60.289
#2	.21680	70.100	.34871	.51429	.63521	264.26	6.1123	61.218
#3	.21619	70.246	.34822	.51334	.63139	263.07	6.0891	61.005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75700	.03052	7.1607	.73656	1.0799	13.121	.20573	.17514
Stddev	.00348	.00091	.0551	.00235	.0039	.124	.00059	.00964
%RSD	.45917	2.9880	.76979	.31849	.35845	.94590	.28874	5.5045
#1	.75713	.02961	7.0979	.73390	1.0798	12.978	.20514	.16432
#2	.75347	.03143	7.2014	.73834	1.0761	13.198	.20633	.18282
#3	.76042	.03053	7.1827	.73744	1.0838	13.187	.20572	.17828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5943	2.5216	.68136	7.7856	.24713	F 18.74	-.01296	<.00000
Stddev	.0081	.0560	.00193	.0322	.00234	.04	.00274	.12244
%RSD	.22456	2.2216	.28392	.41386	.94883	.2003	21.112	.65427
#1	3.5856	2.5858	.68328	7.8186	.24984	18.76	-.00994	-18.634
#2	3.5957	2.4961	.67941	7.7842	.24566	18.70	-.01528	-18.855
#3	3.6016	2.4828	.68137	7.7542	.24590	18.77	-.01366	-18.652

Sample Name: K3618-01MS Acquired: 7/3/2019 13:45:12 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 124.34
Stddev .98
%RSD .78922

#1 123.41
#2 124.23
#3 125.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.3	45476.	3388.0	30.275	1952.2
Stddev	2.4	186.	16.6	.434	4.6
%RSD	.06017	.40848	.49090	1.4342	.23338

#1	4018.0	45689.	3368.8	30.653	1952.5
#2	4016.1	45352.	3396.2	29.801	1956.5
#3	4020.9	45386.	3398.8	30.372	1947.4

Sample Name: K3618-01MSD Acquired: 7/3/2019 13:49:41 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43175	1.8833	1.0907	1.0303	.11140	133.23	.55209	.12269
Stddev	.00023	.0053	.0027	.0017	.00116	1.00	.00318	.00025
%RSD	.05313	.28141	.25202	.16521	1.0432	.74869	.57646	.20207
#1	.43179	1.8875	1.0876	1.0301	.11157	132.30	.54857	.12246
#2	.43196	1.8773	1.0917	1.0321	.11016	133.11	.55293	.12295
#3	.43150	1.8850	1.0929	1.0288	.11246	134.28	.55477	.12265
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21575	70.513	.35200	.51010	.63561	263.23	6.0397	61.835
Stddev	.00042	.222	.00060	.00097	.00244	1.52	.0140	.294
%RSD	.19486	.31523	.17072	.19034	.38425	.57648	.23186	.47510
#1	.21526	70.447	.35204	.50902	.63756	262.11	6.0267	61.717
#2	.21600	70.761	.35138	.51034	.63640	262.62	6.0379	61.619
#3	.21598	70.332	.35258	.51092	.63287	264.96	6.0545	62.170
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75890	.03078	7.2564	.73963	1.0817	13.401	.20774	.18554
Stddev	.00213	.00055	.0476	.00128	.0005	.086	.00054	.01905
%RSD	.28100	1.7925	.65608	.17308	.04275	.64174	.26216	10.268
#1	.75651	.03028	7.2302	.74110	1.0812	13.319	.20836	.17010
#2	.75954	.03137	7.2277	.73878	1.0819	13.395	.20736	.17969
#3	.76063	.03069	7.3114	.73900	1.0821	13.490	.20750	.20683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5137	2.5092	.68483	7.7995	.24408	F 18.74	-.01124	<.00000
Stddev	.0158	.0386	.00167	.0256	.00176	.05	.00219	.05500
%RSD	.44936	1.5364	.24365	.32883	.72123	.2635	19.478	.29355
#1	3.5042	2.4914	.68295	7.8175	.24411	18.68	-.01007	-18.793
#2	3.5319	2.5535	.68615	7.8108	.24231	18.77	-.00989	-18.736
#3	3.5050	2.4828	.68538	7.7701	.24583	18.76	-.01377	-18.683

Sample Name: K3618-01MSD Acquired: 7/3/2019 13:49:41 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-01-070219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 124.15
Stddev	.29
%RSD	.23043

#1	124.32
#2	124.31
#3	123.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4011.7	45358.	3428.7	31.413	1956.1
Stddev	6.7	130.	13.7	2.366	4.8
%RSD	.16611	.28770	.39892	7.5321	.24563

#1	4005.6	45385.	3419.3	29.515	1957.2
#2	4018.8	45472.	3422.4	34.064	1960.4
#3	4010.6	45216.	3444.4	30.660	1950.9

Sample Name: K3618-01A Acquired: 7/3/2019 13:54:09 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8384 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42846	1.8772	1.0882	1.0332	.11025	132.15	.54560	.12200
Stddev	.00347	.0033	.0057	.0041	.00281	1.26	.00508	.00012
%RSD	.81009	.17489	.52850	.39521	2.5457	.95421	.93086	.09663
#1	.42481	1.8740	1.0889	1.0288	.10704	130.70	.53987	.12190
#2	.43173	1.8806	1.0936	1.0368	.11221	133.00	.54955	.12195
#3	.42883	1.8769	1.0822	1.0341	.11152	132.76	.54736	.12213
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21525	69.868	.34615	.51305	.63634	263.44	6.0806	61.171
Stddev	.00090	.113	.00168	.00127	.00215	2.37	.0228	.491
%RSD	.41890	.16227	.48464	.24763	.33778	.90038	.37579	.80253
#1	.21517	69.998	.34540	.51312	.63526	261.56	6.0683	60.627
#2	.21619	69.794	.34498	.51429	.63882	262.66	6.1070	61.580
#3	.21439	69.811	.34807	.51175	.63494	266.11	6.0665	61.306
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75492	.03096	7.1800	.73491	1.0742	13.163	.20607	.16178
Stddev	.00291	.00109	.0632	.00065	.0016	.139	.00062	.01806
%RSD	.38493	3.5304	.88007	.08877	.14819	1.0559	.29917	11.161
#1	.75326	.02985	7.1085	.73551	1.0758	13.010	.20646	.18252
#2	.75827	.03098	7.2283	.73499	1.0743	13.198	.20638	.15322
#3	.75322	.03204	7.2032	.73421	1.0726	13.282	.20536	.14959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6525	2.4703	.67859	7.6818	.24357	F 18.76	-.01467	<.00000
Stddev	.0067	.0719	.00478	.0289	.00095	.01	.00259	.35062
%RSD	.18235	2.9111	.70510	.37646	.38859	.0513	17.649	1.8779
#1	3.6569	2.5413	.67621	7.7145	.24409	18.75	-.01192	-19.064
#2	3.6558	2.3975	.68410	7.6714	.24414	18.77	-.01503	-18.560
#3	3.6448	2.4722	.67546	7.6595	.24248	18.75	-.01706	-18.390

Sample Name: K3618-01A Acquired: 7/3/2019 13:54:09 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8384 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 124.52
Stddev .38
%RSD .30630

#1 124.12
#2 124.57
#3 124.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4030.7	45714.	3424.1	30.896	1961.6
Stddev	8.0	169.	31.2	.220	2.8
%RSD	.19753	.37066	.91152	.71056	.14029

#1	4021.5	45832.	3390.3	30.964	1959.3
#2	4036.3	45790.	3451.9	30.650	1960.9
#3	4034.1	45520.	3430.0	31.073	1964.7

Sample Name: PB121138BL Acquired: 7/3/2019 13:58:39 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121138BL 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	-.00030	-.00027	-.00136	.00064	-.00655	.00095	-.00009
Stddev	.00282	.00109	.00044	.00210	.00171	.00764	.00063	.00015
%RSD	121.69	367.36	161.47	154.40	269.24	116.54	65.931	169.05

#1	.00016	.00093	.00011	-.00195	-.00001	-.01517	.00124	-.00019
#2	-.00538	-.00113	-.00074	.00097	-.00066	-.00064	.00023	-.00016
#3	-.00172	-.00070	-.00017	-.00310	.00258	-.00384	.00138	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01589	-.00037	-.00027	.00004	.00441	.00011	-.09668
Stddev	.00003	.01964	.00051	.00017	.00046	.00159	.00006	.03963
%RSD	433.01	123.58	137.92	61.193	1091.4	36.108	50.821	40.990

#1	-.00001	.01746	.00003	-.00045	-.00006	.00624	.00015	-.05098
#2	.00004	.03469	-.00094	-.00024	.00054	.00359	.00014	-.11752
#3	-.00001	-.00448	-.00020	-.00013	-.00036	.00339	.00005	-.12154

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00014	-.17785	-.00016	.00078	-.04771	-.00050	.00928
Stddev	.00025	.00050	.00480	.00042	.00019	.03652	.00026	.01388
%RSD	104.78	356.28	2.7011	263.86	24.445	76.541	51.784	149.58

#1	.00043	.00070	-.18174	.00008	.00077	-.04709	-.00020	.00660
#2	-.00005	-.00024	-.17248	-.00065	.00060	-.01151	-.00062	.02430
#3	.00034	-.00004	-.17931	.00008	.00098	-.08455	-.00067	-.00307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	.00020	-.00134	.00270	-.00343	-.0049	-.00001	F 4.1321
Stddev	.00315	.00100	.00028	.00119	.00178	.0008	.00016	.3469
%RSD	281.35	501.03	21.140	43.973	52.053	15.58	1208.1	8.3949

#1	.00244	.00132	-.00105	.00188	-.00152	-.0058	-.00002	3.8111
#2	-.00355	-.00058	-.00162	.00215	-.00505	-.0043	-.00017	4.5001
#3	-.00225	-.00015	-.00133	.00405	-.00372	-.0048	.00015	4.0851

Sample Name: PB121138BL Acquired: 7/3/2019 13:58:39 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: PB121138BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .64779
 Stddev .26389
 %RSD 40.736

#1 .43487
 #2 .56548
 #3 .94303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.2	27786.	2038.5	31.841	2485.0
Stddev	7.2	83.	4.7	1.429	1.4
%RSD	.28757	.29845	.23093	4.4885	.05697

#1	2491.9	27727.	2034.7	30.195	2484.7
#2	2496.6	27751.	2037.1	32.773	2483.7
#3	2506.1	27881.	2043.8	32.555	2486.5

Sample Name: PB121138BS Acquired: 7/3/2019 14:03:08 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121138BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73044	1.8786	.92656	1.8588	.76598	2.0050	.20574
Stddev	.00700	.0042	.00201	.0067	.00359	.0428	.00106
%RSD	.95873	.22158	.21704	.36307	.46933	2.1330	.51486

#1	.73618	1.8738	.92884	1.8613	.76586	1.9558	.20676
#2	.73250	1.8812	.92504	1.8639	.76963	2.0334	.20464
#3	.72263	1.8809	.92580	1.8511	.76244	2.0258	.20582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19464	.18211	1.0761	.41073	.19172	.31730	3.1135
Stddev	.00013	.00010	.0164	.00108	.00034	.00087	.0053
%RSD	.06867	.05497	1.5258	.26394	.17926	.27505	.17141

#1	.19470	.18200	1.0943	.41192	.19136	.31676	3.1192
#2	.19473	.18218	1.0719	.40980	.19176	.31831	3.1087
#3	.19448	.18216	1.0622	.41047	.19204	.31684	3.1127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21113	1.9499	.47748	.07168	2.8219	.30758	.18943
Stddev	.00066	.1002	.00036	.00068	.0017	.00149	.00058
%RSD	.31043	5.1367	.07436	.94334	.06068	.48521	.30712

#1	.21054	1.9451	.47715	.07156	2.8220	.30664	.18877
#2	.21103	2.0523	.47786	.07241	2.8236	.30930	.18967
#3	.21184	1.8522	.47744	.07107	2.8202	.30680	.18985

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7987	.39623	.33210	F -.00588	.80385	.62624	.19912
Stddev	.0962	.00172	.02198	.00255	.00451	.00156	.00108
%RSD	.98205	.43398	6.6195	43.402	.56060	.24974	.54408

#1	9.9021	.39494	.35336	-.00317	.80610	.62448	.19809
#2	9.7822	.39818	.30946	-.00824	.80680	.62748	.20025
#3	9.7118	.39557	.33349	-.00623	.79867	.62675	.19904

Sample Name: PB121138BS Acquired: 7/3/2019 14:03:08 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121138BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20702	5.405	.22182	F 4.7432	F .37372
Stddev	.00064	.009	.00079	.1050	.01403
%RSD	.31104	.1586	.35813	2.2136	3.7541
#1	.20654	5.401	.22259	4.8013	.37834
#2	.20676	5.400	.22100	4.8063	.35796
#3	.20775	5.415	.22188	4.6220	.38486
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.7	27776.	2015.0	33.104	2435.7
Stddev	5.6	69.	6.8	1.190	3.4
%RSD	.22628	.24784	.33615	3.5939	.13944
#1	2473.6	27699.	2011.8	34.050	2432.2
#2	2471.4	27832.	2022.8	31.768	2435.9
#3	2482.0	27796.	2010.4	33.493	2439.0

Sample Name: CCV02 Acquired: 7/3/2019 14:07:15 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9619	4.9895	4.9457	5.0028	5.0852	10.225	10.013	.25427
Stddev	.0118	.0039	.0124	.0031	.0142	.134	.075	.00097
%RSD	.23888	.07900	.25064	.06216	.27936	1.3134	.74830	.38260
#1	4.9576	4.9876	4.9437	5.0020	5.0856	10.118	9.9674	.25532
#2	4.9527	4.9869	4.9345	5.0062	5.0708	10.182	9.9720	.25340
#3	4.9753	4.9941	4.9590	5.0002	5.0992	10.376	10.099	.25409
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4733	25.086	.99548	2.4760	1.2774	5.0518	2.5488	24.761
Stddev	.0006	.097	.00055	.0009	.0025	.0031	.0032	.145
%RSD	.02323	.38842	.05523	.03664	.19618	.06092	.12709	.58405
#1	2.4731	25.018	.99597	2.4757	1.2779	5.0522	2.5483	24.655
#2	2.4728	25.198	.99489	2.4770	1.2747	5.0547	2.5522	24.702
#3	2.4739	25.043	.99559	2.4753	1.2797	5.0486	2.5458	24.926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4591	1.2319	24.869	2.4984	2.4563	24.953	5.0168	5.0536
Stddev	.0012	.0017	.205	.0032	.0020	.202	.0010	.0177
%RSD	.04938	.13729	.82355	.12766	.08314	.80938	.01938	.34989
#1	2.4581	1.2313	24.740	2.5000	2.4569	24.768	5.0178	5.0437
#2	2.4604	1.2305	24.761	2.5004	2.4540	24.924	5.0158	5.0431
#3	2.4588	1.2338	25.105	2.4947	2.4579	25.168	5.0170	5.0740
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9095	4.7813	4.8741	4.9972	5.0718	5.118	5.1506	4.9438
Stddev	.0122	.0518	.0079	.0250	.0256	.006	.0192	.1525
%RSD	.24807	1.0825	.16259	.49969	.50493	.1189	.37181	3.0858
#1	4.9211	4.7930	4.8656	4.9778	5.0527	5.125	5.1524	4.8175
#2	4.8968	4.8262	4.8755	5.0254	5.1009	5.116	5.1688	5.1133
#3	4.9106	4.7247	4.8813	4.9885	5.0619	5.114	5.1306	4.9005

Sample Name: CCV02 Acquired: 7/3/2019 14:07:15 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.8593
 Stddev .4874
 %RSD 17.046

#1 2.9095
 #2 2.3487
 #3 3.3196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.7	27617.	2025.4	31.582	2231.5
Stddev	2.9	55.	19.2	.595	1.3
%RSD	.11903	.19873	.94867	1.8837	.05663

#1	2451.3	27604.	2017.1	31.951	2231.4
#2	2453.3	27677.	2011.7	31.900	2232.8
#3	2447.6	27570.	2047.3	30.896	2230.3

Sample Name: CCB02 Acquired: 7/3/2019 14:11:13 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.00043	.00049	-.00162	.00045	.03494	.00343	-.00004
Stddev	.00273	.00086	.00061	.00236	.00168	.02407	.00095	.00004
%RSD	175.43	200.92	123.73	145.63	374.60	68.893	27.737	109.21

#1	-.00449	-.00021	.00016	-.00281	-.00001	.02769	.00322	.00001
#2	-.00106	.00140	.00119	-.00315	.00231	.06180	.00260	-.00006
#3	.00089	.00009	.00013	.00110	-.00096	.01533	.00447	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.04629	.00005	.00000	.00174	.02639	.00073	.03722
Stddev	.00010	.00985	.00011	.00024	.00030	.00390	.00010	.02497
%RSD	299.27	21.270	245.84	6691.3	17.081	14.781	13.824	67.077

#1	-.00008	.04682	-.00006	.00005	.00179	.02997	.00084	.00848
#2	.00008	.03619	.00016	.00021	.00200	.02696	.00067	.04961
#3	.00010	.05586	.00003	-.00025	.00142	.02223	.00067	.05357

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.00005	-.16348	-.00019	.00053	-.12506	.00047	.02049
Stddev	.00009	.00043	.01324	.00015	.00020	.01890	.00031	.01298
%RSD	10.143	897.23	8.0973	76.792	36.524	15.114	66.232	63.322

#1	.00091	.00021	-.17788	-.00020	.00063	-.14329	.00077	.02541
#2	.00076	-.00043	-.16071	-.00034	.00066	-.10555	.00050	.00578
#3	.00091	.00037	-.15185	-.00004	.00031	-.12636	.00015	.03029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00725	-.00040	-.00053	.00281	.00190	-.0014	.00019	4.2392
Stddev	.00135	.00310	.00011	.00717	.00131	.0013	.00005	.4671
%RSD	18.623	769.34	21.246	254.66	68.881	91.53	27.123	11.019

#1	-.00727	-.00129	-.00052	.01100	.00059	.0000	.00025	4.7768
#2	-.00589	.00304	-.00065	-.00021	.00189	-.0025	.00014	4.0084
#3	-.00859	-.00296	-.00043	-.00235	.00320	-.0018	.00019	3.9323

Sample Name: CCB02 Acquired: 7/3/2019 14:11:13 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .84497
 Stddev .29120
 %RSD 34.463

#1 .91148
 #2 1.0972
 #3 .52627

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.7	27872.	2049.2	32.453	2493.2
Stddev	7.4	70.	6.9	.683	6.1
%RSD	.29502	.24994	.33630	2.1033	.24276

#1	2520.2	27794.	2050.0	32.811	2500.2
#2	2505.4	27928.	2041.9	32.882	2489.1
#3	2512.6	27893.	2055.6	31.666	2490.5

Sample Name: K3637-01 Acquired: 7/3/2019 14:15:41 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RO-276 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03555	-.03916	.07776	-.00935	.01039	213.75	.93364	.00894
Stddev	.00593	.00319	.00144	.00617	.00090	.69	.00109	.00021
%RSD	16.675	8.1365	1.8493	65.963	8.6566	.32316	.11623	2.3325

#1	.02992	-.04259	.07917	-.00478	.00944	212.96	.93294	.00908
#2	.03500	-.03630	.07781	-.01637	.01123	214.19	.93489	.00870
#3	.04173	-.03858	.07630	-.00691	.01049	214.11	.93309	.00904

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	1622.5	.30632	.09404	.15747	177.03	4.0014	98.689
Stddev	.00018	7.3	.00056	.00025	.00059	.54	.0068	.536
%RSD	9.9562	.45075	.18408	.26914	.37365	.30250	.17081	.54286

#1	.00157	1625.3	.30694	.09421	.15814	177.34	3.9938	98.200
#2	.00187	1614.3	.30583	.09375	.15705	176.41	4.0033	98.606
#3	.00189	1628.1	.30619	.09417	.15721	177.33	4.0070	99.262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21402	-.01350	1.5575	.28505	.59394	8.7031	.00864	.18890
Stddev	.00045	.00056	.0082	.00123	.00499	.0575	.00054	.01718
%RSD	.21043	4.1686	.52462	.43182	.84027	.66025	6.2034	9.0942

#1	.21357	-.01318	1.5652	.28363	.59129	8.6449	.00808	.18836
#2	.21402	-.01317	1.5585	.28581	.59083	8.7045	.00870	.20634
#3	.21447	-.01415	1.5489	.28570	.59970	8.7598	.00914	.17199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.27	1.2076	-.01227	6.0299	.20064	F 11.63	6.2180	<.00000
Stddev	.62	.0210	.00215	.0089	.00077	.04	.0301	.12025
%RSD	.53105	1.7361	17.547	.14837	.38587	.3475	.48384	5.7132

#1	116.15	1.2310	-.01303	6.0335	.19989	11.66	6.2357	-2.2068
#2	115.73	1.2012	-.00984	6.0364	.20058	11.58	6.1832	-2.1352
#3	116.94	1.1906	-.01393	6.0197	.20144	11.64	6.2349	-1.9722

Sample Name: K3637-01 Acquired: 7/3/2019 14:15:41 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RO-276 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.586
Stddev	.710
%RSD	1.0507

#1	66.980
#2	67.411
#3	68.367

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.3	32092.	2582.2	29.066	1723.2
Stddev	4.7	33.	16.4	1.291	6.4
%RSD	.16324	.10429	.63380	4.4427	.36975

#1	2850.4	32054.	2568.4	29.354	1723.3
#2	2854.9	32106.	2600.3	30.188	1729.4
#3	2845.6	32117.	2578.0	27.655	1716.7

Sample Name: K3645-01 Acquired: 7/3/2019 14:20:08 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06917	-.01612	.19243	-.00438	.00877	115.83	.68607	.00461
Stddev	.00177	.00118	.00172	.00085	.00169	.30	.00175	.00072
%RSD	2.5562	7.3052	.89495	19.377	19.211	.25529	.25435	15.527
#1	.06935	-.01496	.19083	-.00454	.01017	115.50	.68522	.00491
#2	.06732	-.01732	.19425	-.00347	.00690	116.06	.68808	.00512
#3	.07085	-.01610	.19220	-.00515	.00925	115.94	.68492	.00379
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	1179.1	.30286	.21957	.29102	194.38	4.5444	535.62
Stddev	.00017	2.9	.00230	.00036	.00137	1.27	.0008	1.68
%RSD	18.068	.24971	.76073	.16476	.47083	.65228	.01848	.31290
#1	-.00074	1178.6	.30317	.21999	.28968	193.53	4.5437	535.19
#2	-.00105	1176.4	.30499	.21936	.29242	195.84	4.5442	537.47
#3	-.00100	1182.2	.30041	.21935	.29095	193.77	4.5453	534.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8228	-.01122	10.919	.20989	.60063	27.890	.01384	.05288
Stddev	.0084	.00020	.025	.00156	.00331	.112	.00043	.01349
%RSD	.29620	1.7607	.23090	.74122	.55037	.40322	3.0840	25.504
#1	2.8217	-.01117	10.919	.20948	.60192	27.793	.01368	.04922
#2	2.8151	-.01106	10.944	.21161	.59688	28.013	.01432	.06782
#3	2.8317	-.01144	10.893	.20858	.60310	27.863	.01351	.04160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.344	2.2639	.01840	4.2079	.21515	6.799	3.5655	1.5658
Stddev	.036	.0323	.00029	.0196	.00392	.007	.0099	.2325
%RSD	.11870	1.4262	1.5737	.46607	1.8213	.1094	.27867	14.851
#1	30.385	2.2435	.01806	4.1873	.21400	6.807	3.5728	1.3179
#2	30.317	2.3011	.01856	4.2263	.21194	6.796	3.5542	1.7790
#3	30.330	2.2470	.01857	4.2102	.21952	6.793	3.5694	1.6006

Sample Name: K3645-01 Acquired: 7/3/2019 14:20:08 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	63.476
Stddev	.430
%RSD	.67681

#1	63.759
#2	62.982
#3	63.688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.4	28155.	2224.7	28.666	1728.5
Stddev	4.8	76.	10.3	1.413	3.2
%RSD	.19531	.27037	.46459	4.9301	.18423

#1	2459.7	28089.	2214.9	30.013	1729.9
#2	2450.2	28136.	2235.5	27.195	1730.8
#3	2456.1	28238.	2223.7	28.790	1724.9

Sample Name: K3646-01 Acquired: 7/3/2019 14:24:26 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05949	-.01824	.16606	-.00757	.00952	129.70	.74312	.00453
Stddev	.00449	.00438	.00385	.00463	.00124	.59	.00340	.00024
%RSD	7.5402	24.022	2.3212	61.130	12.985	.45720	.45692	5.2529

#1	.06465	-.01625	.17047	-.00235	.00930	130.34	.74633	.00476
#2	.05649	-.02326	.16438	-.01116	.01085	129.16	.73956	.00429
#3	.05734	-.01520	.16333	-.00919	.00841	129.60	.74346	.00454

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	1045.7	.32754	.27006	.33990	219.31	4.3732	496.08
Stddev	.00036	3.0	.00306	.00050	.00088	.97	.0054	3.52
%RSD	179.92	.28229	.93325	.18522	.25838	.44065	.12431	.70909

#1	-.00060	1045.5	.32453	.26956	.33991	220.27	4.3757	499.02
#2	.00008	1048.7	.32745	.27056	.33902	218.34	4.3670	492.18
#3	-.00008	1042.8	.33064	.27004	.34078	219.31	4.3770	497.04

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7422	-.01181	12.336	.29130	.67789	31.347	.01429	.06822
Stddev	.0041	.00028	.031	.00209	.00101	.057	.00018	.03010
%RSD	.11014	2.4069	.25495	.71685	.14960	.18126	1.2711	44.117

#1	3.7460	-.01188	12.351	.29241	.67888	31.413	.01431	.06832
#2	3.7378	-.01149	12.300	.28889	.67686	31.321	.01445	.03808
#3	3.7428	-.01204	12.357	.29260	.67794	31.309	.01409	.09827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.346	1.9087	.02171	4.9038	.22266	7.098	3.5275	1.0632
Stddev	.039	.0107	.00175	.0019	.00127	.011	.0068	.1290
%RSD	.12850	.55904	8.0471	.03984	.57129	.1520	.19240	12.131

#1	30.351	1.9182	.01974	4.9016	.22167	7.089	3.5287	.91491
#2	30.304	1.8972	.02231	4.9053	.22409	7.094	3.5337	1.1490
#3	30.382	1.9106	.02308	4.9045	.22221	7.110	3.5202	1.1259

Sample Name: K3646-01 Acquired: 7/3/2019 14:24:26 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 73.205
Stddev .407
%RSD .55662

#1 72.800
#2 73.199
#3 73.615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.0	28646.	2249.1	29.013	1737.7
Stddev	7.2	88.	12.5	1.875	4.7
%RSD	.28745	.30590	.55467	6.4618	.27263

#1	2493.0	28546.	2251.4	27.291	1733.1
#2	2499.8	28683.	2235.6	31.010	1737.3
#3	2507.4	28709.	2260.2	28.738	1742.6

Sample Name: K3648-01 Acquired: 7/3/2019 14:28:42 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: C-1-CORE-HOL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12531	-.04211	1.0390	.00586	.00501	113.90	1.2117	.00621
Stddev	.00091	.00203	.0033	.00692	.00099	.94	.0101	.00025
%RSD	.72686	4.8313	.32046	118.24	19.770	.82607	.83114	4.0108

#1	.12445	-.04425	1.0387	.00680	.00415	112.82	1.2001	.00618
#2	.12626	-.04020	1.0358	-.00149	.00478	114.57	1.2185	.00648
#3	.12523	-.04188	1.0425	.01226	.00610	114.30	1.2165	.00598

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	250.31	.40248	1.2495	.43515	187.74	2.5937	57.834
Stddev	.00010	.62	.00102	.0038	.00113	.30	.0029	.280
%RSD	19.658	.24772	.25461	.30237	.25993	.16186	.11145	.48487

#1	.00065	250.79	.40364	1.2451	.43632	187.41	2.5904	57.586
#2	.00045	249.61	.40171	1.2519	.43508	187.81	2.5956	58.138
#3	.00050	250.53	.40209	1.2515	.43406	188.01	2.5952	57.779

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46145	-.00717	2.5342	1.0764	1.1579	40.600	.00885	-.00514
Stddev	.00115	.00042	.0202	.0025	.0032	.269	.00059	.00722
%RSD	.25013	5.8323	.79713	.22837	.27372	.66306	6.6467	140.48

#1	.46016	-.00737	2.5204	1.0755	1.1543	40.293	.00854	-.00364
#2	.46238	-.00746	2.5573	1.0746	1.1592	40.792	.00849	.00122
#3	.46181	-.00669	2.5248	1.0792	1.1602	40.716	.00953	-.01298

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3736	4.1900	.02383	9.3782	.23075	6.573	1.6180	<.00000
Stddev	.0186	.0587	.00090	.0248	.00090	.008	.0049	.13410
%RSD	.29251	1.4019	3.7630	.26426	.38969	.1199	.30223	6.3590

#1	6.3802	4.2475	.02487	9.3617	.23174	6.581	1.6234	-2.2617
#2	6.3526	4.1301	.02338	9.4067	.22998	6.566	1.6138	-2.0542
#3	6.3881	4.1923	.02325	9.3662	.23054	6.570	1.6167	-2.0108

Sample Name: K3648-01 Acquired: 7/3/2019 14:28:42 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: C-1-CORE-HOL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 63.572
 Stddev .930
 %RSD 1.4635

#1 64.274
 #2 62.517
 #3 63.927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.4	32512.	2460.1	32.261	2060.2
Stddev	6.8	64.	20.2	.345	5.2
%RSD	.23535	.19591	.82055	1.0694	.25345

#1	2896.5	32546.	2437.1	32.212	2065.1
#2	2885.6	32439.	2475.0	32.629	2054.7
#3	2898.1	32552.	2468.1	31.944	2060.8

Sample Name: K3650-01 Acquired: 7/3/2019 14:32:56 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: C-2-CORE-HOL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08673	.00132	.11617	.01112	.00245	59.081	.16641	-.00073
Stddev	.00312	.00172	.00247	.00092	.00154	.265	.00029	.00005
%RSD	3.5926	130.34	2.1233	8.3056	62.783	.44914	.17153	6.7615

#1	.08927	.00236	.11895	.01063	.00365	59.024	.16672	-.00067
#2	.08766	.00226	.11531	.01218	.00299	59.370	.16635	-.00077
#3	.08326	-.00067	.11424	.01054	.00072	58.848	.16617	-.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00378	50.865	.21714	.00442	.11879	126.30	.68203	10.434
Stddev	.00011	.333	.00088	.00016	.00047	.28	.00059	.170
%RSD	2.9843	.65511	.40687	3.6196	.39508	.21871	.08704	1.6337

#1	-.00390	51.194	.21815	.00449	.11836	126.59	.68270	10.257
#2	-.00368	50.875	.21650	.00424	.11929	126.04	.68180	10.597
#3	-.00377	50.528	.21678	.00453	.11873	126.26	.68158	10.449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00678	.00119	1.3859	.31687	.29057	3.6218	.00629	.05752
Stddev	.00047	.00023	.0161	.00048	.00034	.0461	.00020	.00883
%RSD	6.9545	19.488	1.1605	.15107	.11647	1.2736	3.1863	15.346

#1	.00657	.00114	1.3675	.31649	.29091	3.6484	.00606	.05908
#2	.00732	.00098	1.3928	.31671	.29058	3.5686	.00637	.04802
#3	.00645	.00144	1.3974	.31741	.29024	3.6485	.00643	.06546

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8510	9.6310	.00594	.79335	.00140	3.803	.03840	.19670
Stddev	.0085	.0408	.00030	.01611	.00100	.017	.00071	.25396
%RSD	.17570	.42417	5.0166	2.0301	71.504	.4385	1.8526	129.11

#1	4.8571	9.6563	.00618	.78595	.00135	3.822	.03759	-.01626
#2	4.8413	9.5839	.00602	.81182	.00242	3.790	.03893	.47778
#3	4.8548	9.6529	.00561	.78227	.00042	3.796	.03867	.12858

Sample Name: K3650-01 Acquired: 7/3/2019 14:32:56 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: C-2-CORE-HOL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 37.535
Stddev .370
%RSD .98702

#1 37.363
#2 37.282
#3 37.960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.6	30724.	2289.5	34.272	2333.9
Stddev	6.7	113.	21.1	.603	8.2
%RSD	.24502	.36837	.92342	1.7597	.35136

#1	2725.0	30622.	2266.3	33.750	2324.4
#2	2738.4	30703.	2294.5	34.134	2339.3
#3	2731.4	30846.	2307.7	34.932	2337.8

Sample Name: K3654-01 Acquired: 7/3/2019 14:37:18 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: D-1-ROLL-OFF Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	-.00188	.00935	.00334	.00332	21.019	.08304	-.00024
Stddev	.00179	.00086	.00123	.00031	.00101	.186	.00133	.00004
%RSD	45.104	45.870	13.139	9.1528	30.311	.88336	1.6026	18.351

#1	-.00334	-.00271	.01017	.00308	.00438	21.085	.08305	-.00021
#2	-.00259	-.00196	.00994	.00326	.00238	21.162	.08436	-.00029
#3	-.00600	-.00098	.00794	.00368	.00321	20.809	.08170	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	8.4959	.00565	.00095	.21295	5.1191	.30370	1.2743
Stddev	.00005	.0349	.00048	.00022	.00094	.0061	.00016	.0109
%RSD	40.673	.41100	8.4641	22.983	.44164	.11845	.05313	.85883

#1	-.00017	8.4586	.00535	.00113	.21271	5.1187	.30373	1.2636
#2	-.00007	8.5279	.00540	.00100	.21398	5.1253	.30384	1.2855
#3	-.00015	8.5011	.00620	.00071	.21215	5.1132	.30352	1.2739

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00472	.00061	3.5137	-.00006	.33998	1.1464	.00100	.04343
Stddev	.00035	.00042	.0184	.00023	.00013	.0448	.00027	.01643
%RSD	7.3988	68.283	.52304	371.54	.03728	3.9063	26.742	37.833

#1	.00448	.00100	3.5314	.00018	.33994	1.0968	.00073	.06217
#2	.00456	.00017	3.5150	-.00028	.34012	1.1586	.00126	.03661
#3	.00512	.00067	3.4947	-.00009	.33987	1.1839	.00101	.03151

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3358	1.0511	.00583	.06822	-.00602	F 14.00	.04397	3.6007
Stddev	.0095	.0225	.00039	.00200	.00141	.02	.00033	.0510
%RSD	.21907	2.1445	6.7338	2.9261	23.421	.1135	.75306	1.4168

#1	4.3340	1.0316	.00540	.06866	-.00640	14.00	.04364	3.6563
#2	4.3272	1.0457	.00616	.06996	-.00720	13.98	.04398	3.5561
#3	4.3460	1.0758	.00593	.06604	-.00446	14.01	.04430	3.5896

Sample Name: K3654-01 Acquired: 7/3/2019 14:37:18 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: D-1-ROLL-OFF Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7005
 Stddev .4706
 %RSD 27.676

#1 2.2367
 #2 1.3560
 #3 1.5088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.3	28823.	2101.3	33.182	2503.0
Stddev	1.5	35.	13.9	.997	4.1
%RSD	.05985	.12035	.66146	3.0044	.16324

#1	2566.7	28810.	2115.0	33.211	2498.3
#2	2568.6	28797.	2101.8	34.164	2505.0
#3	2569.7	28862.	2087.2	32.170	2505.8

Sample Name: K3661-01 Acquired: 7/3/2019 14:41:36 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: FK-PS-01-051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00357	.00118	.01735	.01069	.00021	4.8799	.42740	.00528
Stddev	.00318	.00027	.00108	.00194	.00101	.0578	.00468	.00003
%RSD	89.131	23.108	6.2402	18.177	489.87	1.1836	1.0939	.65822
#1	.00192	.00112	.01815	.01248	-.00033	4.8492	.42356	.00532
#2	.00723	.00094	.01777	.01097	-.00042	4.9465	.43261	.00525
#3	.00155	.00147	.01612	.00863	.00137	4.8439	.42604	.00526
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	8.6628	.00970	.03671	.59796	48.943	1.2466	1.6515
Stddev	.00006	.0368	.00033	.00030	.00169	.039	.0016	.0465
%RSD	5.9810	.42430	3.4191	.82323	.28260	.07967	.12901	2.8180
#1	.00101	8.6262	.00977	.03699	.59878	48.986	1.2450	1.7045
#2	.00098	8.6997	.01000	.03674	.59602	48.936	1.2482	1.6328
#3	.00110	8.6625	.00935	.03639	.59908	48.909	1.2465	1.6173
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05117	.00182	2.2295	.01037	.96545	1.9854	.00256	.03042
Stddev	.00028	.00061	.0271	.00068	.00103	.0165	.00011	.01196
%RSD	.54729	33.717	1.2170	6.5718	.10626	.83315	4.2873	39.318
#1	.05091	.00121	2.2137	.01084	.96632	1.9990	.00247	.04342
#2	.05113	.00244	2.2608	.00959	.96571	1.9670	.00253	.02798
#3	.05146	.00182	2.2139	.01068	.96432	1.9903	.00269	.01987
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0306	1.4571	.01203	.07687	-.00657	F 19.39	.02382	1.3716
Stddev	.0074	.0107	.00036	.00260	.00106	.06	.00038	.0843
%RSD	.08190	.73767	2.9592	3.3856	16.105	.2845	1.6103	6.1481
#1	9.0277	1.4625	.01243	.07436	-.00679	19.43	.02340	1.4487
#2	9.0390	1.4447	.01177	.07955	-.00751	19.41	.02414	1.2816
#3	9.0251	1.4641	.01188	.07669	-.00542	19.33	.02394	1.3846

Sample Name: K3661-01 Acquired: 7/3/2019 14:41:36 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: FK-PS-01-051 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.317
 Stddev .274
 %RSD 1.9106

#1 14.221
 #2 14.626
 #3 14.105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.8	30542.	2237.2	33.294	2484.4
Stddev	2.2	111.	9.5	1.878	1.8
%RSD	.08127	.36295	.42446	5.6419	.07309

#1	2729.2	30593.	2243.7	33.302	2482.6
#2	2729.0	30415.	2241.6	35.168	2484.3
#3	2725.2	30618.	2226.3	31.411	2486.2

Sample Name: K3592-02 Acquired: 7/3/2019 14:46:01 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 390626049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00319	-.00115	.00902	-.00073	.00067	.10199	.09658	.00007
Stddev	.00119	.00035	.00139	.00056	.00238	.01407	.00156	.00012
%RSD	37.244	30.089	15.448	76.573	354.11	13.792	1.6113	164.55

#1	-.00256	-.00111	.00884	-.00085	.00224	.08857	.09674	.00021
#2	-.00456	-.00152	.00772	-.00012	.00184	.11663	.09495	.00004
#3	-.00245	-.00083	.01049	-.00121	-.00206	.10078	.09805	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	1.5669	.00008	.00153	.00056	.00305	.07748	.29149
Stddev	.00006	.0280	.00026	.00005	.00081	.00137	.00044	.06831
%RSD	204.56	1.7884	326.15	3.4082	144.68	44.923	.56637	23.434

#1	.00004	1.5708	.00032	.00147	-.00038	.00414	.07789	.35578
#2	-.00004	1.5928	.00013	.00156	.00102	.00151	.07701	.21977
#3	-.00009	1.5372	-.00020	.00156	.00105	.00349	.07753	.29891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00016	167.58	-.00093	.07947	.11011	-.00057	.04705
Stddev	.00031	.00027	.15	.00056	.00016	.05496	.00044	.02432
%RSD	44.148	165.70	.09022	60.044	.20678	49.916	75.914	51.690

#1	.00042	.00007	167.73	-.00050	.07931	.06923	-.00014	.02771
#2	.00103	-.00010	167.43	-.00156	.07947	.08851	-.00101	.07436
#3	.00064	-.00045	167.56	-.00072	.07964	.17258	-.00057	.03910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31536	.21443	.00030	.00045	-.00163	-.0045	.01192	4.5140
Stddev	.00464	.00467	.00141	.00081	.00095	.0014	.00010	.1600
%RSD	1.4703	2.1784	474.04	179.40	58.174	31.72	.85780	3.5441

#1	.31198	.21390	-.00083	.00100	-.00098	-.0030	.01184	4.3516
#2	.31345	.21934	.00187	-.00048	-.00272	-.0058	.01189	4.5190
#3	.32065	.21005	-.00015	.00083	-.00119	-.0047	.01203	4.6715

Sample Name: K3592-02 Acquired: 7/3/2019 14:46:01 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 390626049 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0678
 Stddev .1749
 %RSD 16.381

#1 .93793
 #2 .99882
 #3 1.2667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.2	27393.	2057.1	31.854	2309.3
Stddev	5.6	103.	15.4	1.412	4.8
%RSD	.22416	.37628	.74649	4.4344	.20928

#1	2484.6	27274.	2049.6	31.092	2314.0
#2	2479.4	27458.	2047.0	33.484	2309.6
#3	2473.5	27447.	2074.8	30.986	2304.4

Sample Name: CCV03 Acquired: 7/3/2019 14:50:27 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 390626716.1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9482	4.9808	4.9491	5.0042	5.0740	10.217	9.9618	.25441
Stddev	.0034	.0096	.0051	.0144	.0090	.135	.0503	.00050
%RSD	.06845	.19301	.10380	.28875	.17698	1.3224	.50448	.19613
#1	4.9459	4.9752	4.9437	5.0196	5.0754	10.071	9.9319	.25420
#2	4.9465	4.9919	4.9540	5.0021	5.0823	10.338	10.020	.25498
#3	4.9521	4.9753	4.9496	4.9909	5.0644	10.243	9.9338	.25406
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4758	24.724	.99608	2.4831	1.2692	5.0157	2.5414	24.539
Stddev	.0007	.142	.00199	.0015	.0050	.0093	.0018	.283
%RSD	.02832	.57288	.19990	.05927	.39766	.18591	.06988	1.1546
#1	2.4761	24.744	.99448	2.4826	1.2681	5.0084	2.5430	24.660
#2	2.4762	24.574	.99831	2.4848	1.2747	5.0262	2.5418	24.742
#3	2.4750	24.855	.99546	2.4820	1.2648	5.0125	2.5395	24.215
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4600	1.2245	24.785	2.4876	2.4541	24.672	4.9838	5.0026
Stddev	.0015	.0037	.110	.0031	.0015	.246	.0023	.0440
%RSD	.06253	.30366	.44566	.12294	.06113	.99790	.04527	.88044
#1	2.4612	1.2223	24.719	2.4864	2.4531	24.503	4.9815	4.9763
#2	2.4606	1.2288	24.912	2.4854	2.4558	24.955	4.9841	5.0535
#3	2.4583	1.2223	24.723	2.4911	2.4534	24.559	4.9860	4.9781
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8831	4.7328	4.8617	4.9625	4.9989	5.134	5.1275	4.9655
Stddev	.0273	.0505	.0029	.0426	.0267	.001	.0366	.1308
%RSD	.55864	1.0660	.05910	.85768	.53502	.0234	.71391	2.6339
#1	4.8764	4.7459	4.8588	4.9685	5.0087	5.134	5.1369	4.8148
#2	4.9131	4.6770	4.8645	4.9172	4.9686	5.132	5.0871	5.0493
#3	4.8597	4.7754	4.8618	5.0017	5.0193	5.135	5.1585	5.0324

Sample Name: CCV03 Acquired: 7/3/2019 14:50:27 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 390626716.1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.3717
 Stddev .4334
 %RSD 18.274

#1 2.5032
 #2 1.8878
 #3 2.7241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.0	27544.	2036.0	32.451	2228.9
Stddev	4.3	80.	17.8	1.991	4.3
%RSD	.17656	.29103	.87264	6.1343	.19307

#1	2451.7	27519.	2023.6	32.478	2224.5
#2	2459.9	27479.	2056.4	34.428	2233.1
#3	2453.3	27633.	2028.1	30.447	2229.0

Sample Name: CCB03 Acquired: 7/3/2019 14:54:25 Type: Unk
Method: P4-ICP2(v3248) 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	-.00367	-.00025	-.00121	-.00104	-.00131	.00908	.00163	-.00010
Stddev	.00365	.00006	.00061	.00153	.00212	.01667	.00038	.00002
%RSD	99.427	23.473	50.719	147.27	161.49	183.65	23.135	21.038

#1	.00049	-.00022	-.00051	-.00247	.00113	-.00912	.00188	-.00012
#2	-.00519	-.00032	-.00163	-.00123	-.00242	.02361	.00120	-.00008
#3	-.00630	-.00022	-.00149	.00058	-.00266	.01275	.00180	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00235	-.00018	.00009	-.00032	-.00046	.00004	-.00643
Stddev	.00002	.01893	.00012	.00027	.00059	.00105	.00010	.04104
%RSD	20.779	804.09	70.761	315.65	187.47	225.74	274.90	638.62

#1	-.00011	.00646	-.00024	-.00023	.00024	-.00160	-.00003	-.04733
#2	-.00014	.01890	-.00026	.00022	-.00094	.00047	.00015	.03475
#3	-.00010	-.01829	-.00003	.00026	-.00024	-.00026	-.00001	-.00670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00010	-.22436	-.00031	.00018	-.18092	.00032	.02140
Stddev	.00014	.00018	.00325	.00029	.00010	.00966	.00051	.01404
%RSD	28.593	171.64	1.4488	93.942	55.906	5.3419	159.17	65.611

#1	.00051	-.00013	-.22805	-.00043	.00017	-.19207	.00087	.00977
#2	.00064	-.00026	-.22310	-.00052	.00009	-.17572	.00025	.03700
#3	.00036	.00009	-.22192	.00002	.00029	-.17496	-.00015	.01743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	.00123	-.00090	-.00174	.00014	-.0029	.00002	3.9916
Stddev	.00441	.00186	.00027	.00154	.00178	.0004	.00004	.3090
%RSD	372.45	151.35	29.907	88.664	1255.6	15.27	247.18	7.7413

#1	.00288	.00194	-.00074	-.00040	.00137	-.0031	.00005	3.7205
#2	-.00056	.00263	-.00121	-.00140	.00097	-.0024	.00003	4.3280
#3	-.00587	-.00088	-.00075	-.00343	-.00191	-.0032	-.00003	3.9261

Sample Name: CCB03 Acquired: 7/3/2019 14:54:25 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .52511
 Stddev .35356
 %RSD 67.331

#1 .53665
 #2 .87276
 #3 .16592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.5	27867.	2057.4	33.446	2497.8
Stddev	3.7	106.	7.6	1.551	1.5
%RSD	.14584	.37956	.36782	4.6366	.05987

#1	2508.2	27884.	2048.8	32.639	2496.2
#2	2514.9	27963.	2063.0	35.234	2499.2
#3	2514.2	27753.	2060.4	32.466	2498.1

Sample Name: K3648-02 Acquired: 7/3/2019 15:00:31 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: C-2-CORE-HOL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01407	-.07126	.27175	.00008	.00627	151.40	1.2213	.00233
Stddev	.00272	.00288	.00510	.00331	.00166	.09	.0028	.00011
%RSD	19.356	4.0361	1.8751	3982.2	26.557	.05964	.22744	4.6548
#1	.01698	-.07124	.26900	-.00128	.00483	151.46	1.2234	.00221
#2	.01158	-.07414	.26863	-.00232	.00809	151.30	1.2182	.00242
#3	.01366	-.06839	.27763	.00385	.00589	151.45	1.2224	.00236
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00375	152.99	.52852	1.3156	1.0396	234.90	4.1339	85.750
Stddev	.00008	.83	.00168	.0021	.0031	.56	.0039	.199
%RSD	2.1335	.54188	.31785	.15785	.29647	.23755	.09315	.23222
#1	.00372	152.78	.52673	1.3139	1.0404	235.45	4.1352	85.542
#2	.00370	153.90	.52877	1.3151	1.0422	234.92	4.1369	85.939
#3	.00385	152.28	.53006	1.3180	1.0362	234.33	4.1295	85.771
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47864	-.01045	2.5820	.69598	1.5812	52.269	.01423	-.03581
Stddev	.00146	.00033	.0134	.00116	.0011	.100	.00006	.02045
%RSD	.30444	3.1905	.51912	.16600	.07225	.19149	.39655	57.093
#1	.47716	-.01053	2.5944	.69539	1.5807	52.385	.01418	-.02592
#2	.48007	-.01073	2.5837	.69523	1.5825	52.212	.01423	-.05932
#3	.47870	-.01008	2.5678	.69731	1.5804	52.211	.01429	-.02219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9274	3.3362	.05959	F 12.909	.18638	F 10.28	.46266	<.00000
Stddev	.0085	.0242	.00123	.059	.00200	.01	.00371	.22887
%RSD	.28940	.72406	2.0589	.45825	1.0725	.1038	.80203	4.9335
#1	2.9325	3.3569	.05956	12.923	.18467	10.27	.46356	-4.4014
#2	2.9176	3.3421	.06084	12.960	.18858	10.29	.46584	-4.6579
#3	2.9322	3.3097	.05839	12.844	.18588	10.29	.45858	-4.8580

Sample Name: K3648-02 Acquired: 7/3/2019 15:00:31 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: C-2-CORE-HOL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	84.271
Stddev	.395
%RSD	.46927

#1	84.166
#2	83.938
#3	84.708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.8	34155.	2587.8	32.546	2010.6
Stddev	11.0	127.	23.1	1.562	3.8
%RSD	.36504	.37117	.89093	4.7990	.18947

#1	3017.6	34073.	2581.6	33.902	2007.8
#2	3023.8	34091.	2568.5	32.896	2009.1
#3	3039.1	34301.	2613.4	30.838	2015.0

Sample Name: K3649-01 Acquired: 7/3/2019 15:04:55 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: D-1-ROLL-OFF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44765	-.00051	16.768	-.08996	.08123	136.11	3.6000	.01763
Stddev	.00768	.00348	.036	.00160	.00119	.92	.0138	.00077
%RSD	1.7160	684.03	.21684	1.7804	1.4640	.67894	.38384	4.3910

#1	.44425	.00013	16.785	-.09026	.07999	135.05	3.5845	.01723
#2	.44225	-.00426	16.726	-.08823	.08235	136.76	3.6109	.01714
#3	.45644	.00260	16.793	-.09139	.08136	136.52	3.6048	.01852

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28156	657.94	1.1742	.69001	45.078	623.75	7.9255	159.84
Stddev	.00038	.41	.0031	.00213	.053	1.08	.0665	.63
%RSD	.13663	.06277	.26348	.30932	.11761	.17243	.83925	.39171

#1	.28118	657.47	1.1708	.69009	45.138	624.83	7.8599	159.26
#2	.28155	658.09	1.1751	.68784	45.055	622.68	7.9929	159.74
#3	.28195	658.26	1.1768	.69211	45.040	623.72	7.9237	160.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3191	-.02670	32.397	F 14.598	F 52.940	18.276	.77004	-.38355
Stddev	.0199	.00061	.178	.028	.153	.096	.00146	.02837
%RSD	.21300	2.2854	.54856	.19194	.28961	.52519	.18982	7.3978

#1	9.3389	-.02654	32.197	14.570	53.080	18.169	.76933	-.41208
#2	9.2992	-.02738	32.536	14.599	52.776	18.353	.76907	-.35533
#3	9.3192	-.02619	32.458	14.626	52.965	18.307	.77172	-.38325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.463	5.8430	.74287	4.6768	.80960	F 117.0	2.8063	<.00000
Stddev	.246	.0317	.00326	.0052	.00302	.3	.0076	.14862
%RSD	.42883	.54232	.43944	.11098	.37360	.2484	.27223	1.4451

#1	57.735	5.8757	.74088	4.6711	.80623	117.3	2.8073	-10.186
#2	57.397	5.8124	.74109	4.6778	.81209	116.7	2.8135	-10.455
#3	57.256	5.8409	.74663	4.6813	.81046	117.0	2.7983	-10.211

Sample Name: K3649-01 Acquired: 7/3/2019 15:04:55 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: D-1-ROLL-OFF Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ ----
 #2 ^ ----
 #3 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.1	29544.	2316.9	29.908	1591.8
Stddev	3.6	23.	10.5	.875	3.9
%RSD	.13958	.07806	.45479	2.9250	.24764

#1	2544.3	29517.	2304.9	28.992	1589.0
#2	2551.3	29555.	2324.8	30.734	1596.3
#3	2548.7	29559.	2320.9	29.998	1590.1

Sample Name: K3592-04 Acquired: 7/3/2019 15:09:24 Type: Unk
Method: P4-ICP2(v3248) 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	-.00192	.00001	.03051	-.00007	-.00074	.03880	.12397	.00005
Stddev	.00212	.00049	.00214	.00097	.00180	.00364	.00175	.00007
%RSD	110.46	6548.1	7.0292	1316.3	241.84	9.3728	1.4157	156.80

#1	-.00230	-.00053	.03227	-.00030	-.00080	.03540	.12296	.00010
#2	-.00383	.00011	.02812	.00099	.00108	.04263	.12294	-.00004
#3	.00036	.00044	.03115	-.00092	-.00252	.03835	.12599	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	3.1042	.00001	.00026	.00166	.01501	.01640	.55746
Stddev	.00007	.0244	.00003	.00013	.00036	.00048	.00005	.08311
%RSD	96.133	.78554	444.36	49.426	21.970	3.2004	.32001	14.909

#1	-.00000	3.1228	.00002	.00022	.00203	.01460	.01634	.46446
#2	.00012	3.0766	.00002	.00040	.00164	.01554	.01642	.62447
#3	.00009	3.1131	-.00003	.00016	.00130	.01489	.01643	.58345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	.00023	165.67	-.00042	.08576	.16568	-.00054	.05789
Stddev	.00032	.00045	1.49	.00069	.00027	.02015	.00027	.02111
%RSD	39.479	196.69	.90005	164.73	.31546	12.162	49.703	36.467

#1	.00075	.00010	164.81	.00036	.08607	.14246	-.00041	.08057
#2	.00053	-.00015	164.80	-.00066	.08567	.17596	-.00036	.03882
#3	.00116	.00072	167.39	-.00096	.08555	.17861	-.00085	.05426

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20953	.27010	-.00038	.00149	-.00311	-.0031	.02082	4.4915
Stddev	.00098	.00141	.00058	.00151	.00142	.0027	.00012	.0998
%RSD	.46619	.52128	151.52	101.15	45.839	89.75	.57320	2.2216

#1	.20902	.27152	-.00087	.00279	-.00467	-.0026	.02076	4.5963
#2	.21065	.27008	-.00053	.00185	-.00276	-.0006	.02096	4.4807
#3	.20891	.26870	.00026	-.00016	-.00189	-.0060	.02075	4.3977

Sample Name: K3592-04 Acquired: 7/3/2019 15:09:24 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3411
 Stddev .3702
 %RSD 27.607

#1 1.7677
 #2 1.1036
 #3 1.1520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.8	27580.	2072.6	32.492	2323.9
Stddev	5.6	58.	26.2	1.232	5.5
%RSD	.22341	.21207	1.2644	3.7929	.23754

#1	2489.2	27567.	2045.7	33.846	2321.5
#2	2492.2	27644.	2073.9	31.436	2319.9
#3	2500.0	27530.	2098.1	32.193	2330.2

Sample Name: K3601-02 Acquired: 7/3/2019 15:13:51 Type: Unk
Method: P4-ICP2(v3248) 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	-.00143	-.00108	.00762	-.00103	-.00027	.03455	.12882	.00001
Stddev	.00234	.00114	.00071	.00150	.00066	.01070	.00134	.00006
%RSD	163.69	105.11	9.3207	146.38	245.43	30.974	1.0377	420.19

#1	-.00396	-.00168	.00790	.00021	.00049	.03582	.12911	.00002
#2	.00063	.00023	.00816	-.00269	-.00064	.04457	.12736	-.00005
#3	-.00095	-.00180	.00682	-.00059	-.00065	.02327	.12999	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	1.9318	-.00029	.00173	.00153	.00102	.07689	.49593
Stddev	.00010	.0184	.00050	.00033	.00025	.00039	.00029	.05870
%RSD	92.649	.95279	175.95	19.314	16.608	38.257	.37548	11.836

#1	.00014	1.9343	-.00061	.00188	.00175	.00103	.07716	.51678
#2	.00018	1.9123	.00029	.00197	.00125	.00062	.07659	.42966
#3	-.00000	1.9489	-.00055	.00135	.00158	.00140	.07691	.54136

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00007	165.30	-.00096	.06322	.44989	-.00069	.01363
Stddev	.00003	.00045	.37	.00029	.00025	.03672	.00018	.01835
%RSD	3.0298	617.05	.22200	29.797	.38788	8.1628	26.679	134.62

#1	.00093	-.00049	165.54	-.00078	.06330	.44678	-.00070	.01467
#2	.00094	-.00012	164.88	-.00082	.06295	.41482	-.00049	.03143
#3	.00089	.00040	165.48	-.00130	.06342	.48807	-.00086	-.00522

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23422	.32000	-.00109	-.00101	-.00197	-.0035	.01348	4.3910
Stddev	.00316	.00449	.00075	.00346	.00390	.0012	.00011	.3489
%RSD	1.3507	1.4039	68.719	342.39	197.96	34.98	.84930	7.9465

#1	.23786	.32365	-.00023	.00295	-.00619	-.0048	.01338	4.1048
#2	.23260	.32136	-.00150	-.00250	.00149	-.0028	.01347	4.7797
#3	.23219	.31498	-.00156	-.00348	-.00120	-.0027	.01360	4.2885

Sample Name: K3601-02 Acquired: 7/3/2019 15:13:51 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .85282
 Stddev .56920
 %RSD 66.744

#1 .25151
 #2 1.3833
 #3 .92366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.8	27755.	2104.4	33.138	2335.6
Stddev	4.8	146.	10.6	1.493	4.2
%RSD	.19302	.52733	.50256	4.5066	.17966

#1	2510.5	27624.	2092.8	34.625	2339.3
#2	2504.6	27913.	2107.0	31.638	2331.0
#3	2514.2	27728.	2113.5	33.151	2336.4

Sample Name: K3628-09 Acquired: 7/3/2019 15:18:18 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8384 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06079	-.00180	.04731	.00336	.00110	5.5064	.01505	-.00021
Stddev	.00191	.00184	.00009	.00196	.00280	.0473	.00045	.00008
%RSD	3.1428	102.06	.18222	58.432	254.08	.85912	2.9760	39.739
#1	.06296	.00019	.04733	.00230	-.00185	5.5162	.01456	-.00016
#2	.05940	-.00343	.04739	.00215	.00142	5.4550	.01515	-.00031
#3	.06000	-.00217	.04722	.00563	.00373	5.5480	.01544	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	18.524	.02544	.00589	.07028	8.6078	.11210	7.7571
Stddev	.00011	.044	.00035	.00010	.00041	.0090	.00018	.1018
%RSD	20.827	.23570	1.3675	1.7055	.58951	.10412	.16280	1.3119
#1	-.00067	18.473	.02507	.00600	.06992	8.6158	.11208	7.7283
#2	-.00048	18.549	.02575	.00585	.07019	8.6094	.11193	7.6729
#3	-.00047	18.549	.02551	.00581	.07073	8.5981	.11230	7.8702
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01438	.00015	26.763	.01122	.06448	.47697	.00032	.36005
Stddev	.00021	.00056	.042	.00056	.00035	.04037	.00017	.03132
%RSD	1.4500	375.95	.15819	5.0211	.53757	8.4646	53.527	8.6988
#1	.01425	.00062	26.774	.01185	.06412	.51803	.00019	.39461
#2	.01462	.00029	26.799	.01104	.06453	.43732	.00052	.35197
#3	.01427	-.00047	26.716	.01077	.06480	.47558	.00026	.33355
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9412	F 18.552	-.00255	.24048	.00933	.1766	.10380	4.5539
Stddev	.0018	.112	.00065	.00305	.00026	.0044	.00067	.0884
%RSD	.02254	.60118	25.596	1.2671	2.8308	2.479	.64319	1.9402
#1	7.9402	18.424	-.00201	.23929	.00911	.1801	.10320	4.4710
#2	7.9400	18.601	-.00327	.24394	.00925	.1717	.10367	4.6469
#3	7.9432	18.631	-.00237	.23820	.00963	.1779	.10452	4.5438

Sample Name: K3628-09 Acquired: 7/3/2019 15:18:18 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB8384 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4240
Stddev	.4880
%RSD	20.131

#1	2.2315
#2	2.9788
#3	2.0616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.6	27907.	2081.9	34.162	2388.0
Stddev	4.1	57.	8.0	1.344	5.4
%RSD	.16563	.20478	.38620	3.9345	.22443

#1	2468.8	27852.	2090.6	33.046	2382.7
#2	2469.7	27902.	2074.7	35.654	2387.8
#3	2476.3	27966.	2080.4	33.787	2393.4

Sample Name: K3649-03 Acquired: 7/3/2019 15:22:40 Type: Unk
Method: P4-ICP2(v3248) 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	-.00575	-.00269	.02216	.00452	.00035	.13140	.10338	-.00018
Stddev	.00338	.00117	.00175	.00457	.00348	.02086	.00101	.00006
%RSD	58.824	43.606	7.8927	101.08	986.78	15.877	.98042	34.702

#1	-.00462	-.00311	.02051	.00905	.00210	.10740	.10365	-.00015
#2	-.00308	-.00359	.02198	.00460	.00261	.14519	.10226	-.00026
#3	-.00956	-.00136	.02400	-.00009	-.00365	.14161	.10424	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01103	203.32	-.00031	.01508	.03927	.03598	.47936	2.7523
Stddev	.00005	.90	.00017	.00025	.00039	.00068	.00021	.0524
%RSD	.47354	.44150	55.622	1.6616	.98763	1.8898	.04428	1.9045

#1	.01100	202.85	-.00020	.01486	.03906	.03597	.47937	2.8102
#2	.01109	202.75	-.00050	.01502	.03971	.03530	.47914	2.7081
#3	.01099	204.35	-.00022	.01535	.03903	.03666	.47956	2.7384

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07007	-.00122	367.29	.01135	1.6677	2.7280	.01889	.13864
Stddev	.00052	.00033	2.49	.00060	.0053	.0010	.00025	.02349
%RSD	.74433	26.887	.67700	5.2728	.31455	.03752	1.3253	16.943

#1	.06947	-.00092	365.99	.01168	1.6639	2.7271	.01881	.13682
#2	.07043	-.00157	365.73	.01171	1.6656	2.7278	.01916	.11611
#3	.07031	-.00117	370.16	.01066	1.6737	2.7291	.01868	.16299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.629	7.1522	-.00177	-.00341	.01518	.0791	.63817	5.9186
Stddev	.043	.0182	.00024	.00146	.00247	.0007	.00188	.0955
%RSD	.40731	.25457	13.593	42.722	16.253	.8535	.29385	1.6145

#1	10.649	7.1731	-.00156	-.00431	.01233	.0783	.63650	5.9194
#2	10.579	7.1438	-.00172	-.00419	.01658	.0791	.63781	6.0137
#3	10.658	7.1397	-.00203	-.00173	.01663	.0797	.64020	5.8226

Sample Name: K3649-03 Acquired: 7/3/2019 15:22:40 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7358
Stddev	.4280
%RSD	24.659

#1	2.0866
#2	1.8619
#3	1.2589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.8	26534.	2036.4	30.912	2130.3
Stddev	4.1	73.	7.8	1.603	2.5
%RSD	.17658	.27584	.38094	5.1851	.11523

#1	2332.4	26468.	2028.8	30.788	2129.4
#2	2334.6	26612.	2036.1	29.375	2133.1
#3	2340.4	26521.	2044.3	32.573	2128.5

Sample Name: K3649-01DLX10 Acquired: 7/3/2019 15:27:00 Type: Unk
Method: P4-ICP2(v3248) 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	.04597	.01256	1.4361	.00860	.00743	14.704	.39604	-.00073
Stddev	.00195	.00073	.0050	.00151	.00187	.048	.00291	.00005
%RSD	4.2328	5.8510	.34610	17.586	25.196	.32621	.73450	6.6893
#1	.04632	.01177	1.4380	.00757	.00651	14.650	.39281	-.00073
#2	.04771	.01322	1.4305	.01034	.00959	14.720	.39686	-.00067
#3	.04387	.01269	1.4399	.00789	.00620	14.742	.39844	-.00077
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01640	78.887	.13875	.05784	5.5263	109.75	.97664	18.272
Stddev	.00010	.213	.00066	.00014	.0096	.29	.00259	.250
%RSD	.58850	.26964	.47527	.23915	.17413	.26777	.26493	1.3662
#1	.01635	78.677	.13853	.05785	5.5373	109.60	.97366	17.996
#2	.01633	78.881	.13949	.05769	5.5221	110.09	.97788	18.483
#3	.01651	79.102	.13822	.05797	5.5195	109.57	.97837	18.336
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80130	.00243	3.3338	1.7089	5.8167	1.7689	.08918	.06300
Stddev	.00225	.00032	.0239	.0036	.0084	.0279	.00005	.00886
%RSD	.28083	13.337	.71747	.21328	.14459	1.5765	.05416	14.059
#1	.80368	.00235	3.3099	1.7049	5.8261	1.7557	.08913	.05340
#2	.79920	.00216	3.3577	1.7120	5.8100	1.7501	.08917	.06475
#3	.80102	.00279	3.3339	1.7098	5.8139	1.8009	.08923	.07085
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5024	.70328	.06279	.54187	.08710	F 10.05	.28671	2.5972
Stddev	.0069	.00240	.00055	.00571	.00143	.03	.00044	.1378
%RSD	.15255	.34176	.87149	1.0539	1.6414	.2793	.15407	5.3073
#1	4.4972	.70589	.06217	.53560	.08743	10.08	.28721	2.6560
#2	4.4997	.70116	.06320	.54678	.08554	10.04	.28637	2.4397
#3	4.5102	.70279	.06300	.54323	.08834	10.02	.28655	2.6960

Sample Name: K3649-01DLX10 Acquired: 7/3/2019 15:27:00 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 31.151
Stddev .330
%RSD 1.0605

#1 31.528
#2 31.014
#3 30.911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.8	28430.	2120.7	32.816	2303.4
Stddev	3.3	26.	7.2	1.068	2.5
%RSD	.12969	.09134	.33718	3.2555	.10881

#1	2524.0	28457.	2113.0	33.670	2300.7
#2	2529.5	28405.	2127.2	33.159	2305.5
#3	2529.9	28427.	2122.0	31.618	2304.1

Sample Name: PB121137BL Acquired: 7/3/2019 15:31:18 Type: Unk
Method: P4-ICP2(v3248) 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	-.00335	-.00141	-.00251	.00256	.00041	-.00990	.00124	-.00010
Stddev	.00321	.00123	.00097	.00234	.00081	.00397	.00173	.00010
%RSD	95.689	87.156	38.541	91.455	199.05	40.034	139.55	100.29
#1	-.00580	.00001	-.00275	.00078	.00134	-.00614	-.00074	.00001
#2	-.00452	-.00213	-.00144	.00522	-.00018	-.01404	.00244	-.00012
#3	.00028	-.00211	-.00333	.00168	.00007	-.00953	.00203	-.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.03545	.00013	-.00013	-.00017	.00342	.00024	-.00901
Stddev	.00008	.00282	.00055	.00022	.00022	.00051	.00009	.10045
%RSD	100.43	7.9540	422.92	171.57	129.22	14.978	37.251	1115.4
#1	-.00012	.03219	.00046	.00002	-.00031	.00387	.00034	.09731
#2	-.00013	.03701	-.00051	-.00002	.00008	.00352	.00019	-.02200
#3	.00001	.03714	.00044	-.00038	-.00028	.00286	.00019	-.10233
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00026	-.22502	-.00045	.00796	-.17998	-.00047	.01044
Stddev	.00038	.00047	.01007	.00034	.00009	.02040	.00005	.02147
%RSD	25.739	182.96	4.4744	76.203	1.1516	11.333	11.205	205.66
#1	.00176	-.00079	-.23464	-.00071	.00786	-.17103	-.00053	-.01330
#2	.00166	.00012	-.22586	-.00006	.00797	-.20333	-.00042	.01611
#3	.00105	-.00011	-.21456	-.00057	.00804	-.16559	-.00047	.02851
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00072	-.00175	.00015	-.00546	-.0035	.00006	F 4.2466
Stddev	.00469	.00349	.00080	.00159	.00129	.0012	.00010	.1387
%RSD	248.97	488.59	45.759	1054.5	23.605	33.78	168.25	3.2668
#1	-.00294	-.00458	-.00129	-.00161	-.00463	-.0042	.00011	4.2323
#2	.00643	.00221	-.00128	.00146	-.00694	-.0022	-.00006	4.3919
#3	.00217	.00023	-.00267	.00061	-.00481	-.0042	.00012	4.1156

Sample Name: PB121137BL Acquired: 7/3/2019 15:31:18 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .15622
 %RSD 3963.1

#1 -.18368
 #2 .09917
 #3 .07268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.8	28148.	2101.7	33.570	2482.6
Stddev	4.6	141.	46.8	1.777	5.4
%RSD	.18213	.50230	2.2288	5.2924	.21880

#1	2499.8	28052.	2155.4	34.293	2482.4
#2	2498.6	28310.	2069.0	34.870	2477.2
#3	2507.0	28080.	2080.8	31.545	2488.1

Sample Name: PB121137BS Acquired: 7/3/2019 15:35:46 Type: Unk
Method: P4-ICP2(v3248) 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	.73851	1.8810	.92506	1.8670	.80336	2.0207	.20640
Stddev	.00338	.0019	.00127	.0067	.00193	.0388	.00149
%RSD	.45743	.10062	.13735	.35856	.24025	1.9201	.72107

#1	.73855	1.8789	.92387	1.8746	.80448	2.0070	.20550
#2	.74187	1.8818	.92492	1.8620	.80113	1.9905	.20557
#3	.73511	1.8824	.92640	1.8644	.80447	2.0645	.20811

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19378	.18184	1.0452	.41052	.19270	.31520	3.0970
Stddev	.00038	.00015	.0134	.00120	.00035	.00092	.0092
%RSD	.19750	.08013	1.2785	.29309	.18300	.29310	.29625

#1	.19362	.18167	1.0605	.41000	.19307	.31457	3.0981
#2	.19421	.18188	1.0358	.41189	.19237	.31478	3.1056
#3	.19350	.18195	1.0393	.40965	.19267	.31626	3.0874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21098	1.9426	.47613	.07087	2.8268	.30740	.19751
Stddev	.00014	.0514	.00044	.00021	.0157	.00141	.00018
%RSD	.06583	2.6458	.09230	.29574	.55437	.45859	.09162

#1	.21082	1.9673	.47649	.07111	2.8314	.30891	.19733
#2	.21107	1.9769	.47627	.07070	2.8093	.30612	.19769
#3	.21104	1.8835	.47564	.07081	2.8396	.30717	.19750

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7166	.41567	.32886	F -.00290	.84945	.65670	.20626
Stddev	.0733	.00116	.01830	.00136	.00375	.00062	.00193
%RSD	.75456	.27859	5.5647	47.078	.44122	.09384	.93484

#1	9.7041	.41442	.33206	-.00440	.85347	.65600	.20628
#2	9.6503	.41589	.30917	-.00173	.84605	.65695	.20432
#3	9.7953	.41671	.34535	-.00256	.84884	.65715	.20817

Sample Name: PB121137BS Acquired: 7/3/2019 15:35:46 Type: Unk
 Method: P4-ICP2(v3248) 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	.20977	5.416	.22104	F 4.4851	F<.00000
Stddev	.00141	.016	.00104	.1172	.19006
%RSD	.67018	.2919	.47062	2.6131	74.485
#1	.20962	5.405	.22145	4.5811	-.06232
#2	.20845	5.434	.21985	4.5198	-.44231
#3	.21125	5.409	.22181	4.3545	-.26086
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.2	27944.	2043.9	34.328	2448.8
Stddev	2.9	83.	15.0	.658	3.5
%RSD	.11656	.29754	.73278	1.9159	.14127
#1	2483.9	27848.	2027.9	34.814	2447.0
#2	2489.3	27986.	2046.0	34.591	2446.6
#3	2488.3	27998.	2057.6	33.580	2452.8

Sample Name: PB121139BL Acquired: 7/3/2019 15:39:53 Type: Unk
Method: P4-ICP2(v3248) 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	-.00310	-.00008	-.00088	.00127	-.00016	-.02264	.00070	-.00000
Stddev	.00662	.00082	.00006	.00298	.00153	.00949	.00074	.00006
%RSD	213.98	1030.6	6.6229	235.32	935.47	41.932	105.92	2420.1
#1	-.00426	-.00026	-.00094	.00446	-.00027	-.02809	.00057	.00004
#2	-.00906	-.00079	-.00083	-.00145	-.00163	-.01168	.00003	-.00007
#3	.00403	.00081	-.00086	.00080	.00142	-.02816	.00150	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00112	-.00036	-.00011	-.00010	.00084	.00001	-.06166
Stddev	.00008	.00271	.00036	.00014	.00006	.00068	.00009	.03117
%RSD	3507.0	241.05	99.081	136.36	53.082	80.737	590.67	50.550
#1	.00009	.00165	-.00077	-.00023	-.00006	.00106	-.00008	-.03030
#2	-.00002	-.00376	-.00025	-.00014	-.00017	.00138	.00002	-.09264
#3	-.00006	-.00125	-.00008	.00005	-.00009	.00008	.00010	-.06204
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	-.00040	-.23783	-.00020	.00007	-.16916	-.00045	.01828
Stddev	.00019	.00062	.00799	.00048	.00008	.02302	.00030	.02231
%RSD	17.560	153.10	3.3602	238.43	118.67	13.606	65.445	122.08
#1	.00092	.00026	-.24357	-.00019	.00012	-.14278	-.00013	.00924
#2	.00130	-.00051	-.22870	-.00069	-.00003	-.17955	-.00053	.04369
#3	.00104	-.00096	-.24122	.00027	.00011	-.18514	-.00071	.00190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00409	-.00125	-.00086	-.00486	-.0039	.00006	F 3.7227
Stddev	.00904	.00301	.00013	.00143	.00248	.0014	.00012	.2521
%RSD	805.12	73.577	10.318	165.10	50.974	34.64	207.80	6.7727
#1	.00799	-.00733	-.00135	.00057	-.00743	-.0039	.00010	3.6654
#2	-.01008	-.00137	-.00111	-.00087	-.00464	-.0025	.00015	3.9986
#3	-.00128	-.00358	-.00129	-.00229	-.00250	-.0052	-.00008	3.5042

Sample Name: PB121139BL Acquired: 7/3/2019 15:39:53 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .53600
Stddev .12227
%RSD 22.811

#1 .67709
#2 .46109
#3 .46981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.9	28400.	2066.3	32.764	2528.4
Stddev	7.9	102.	10.8	1.151	7.2
%RSD	.31024	.36052	.52461	3.5125	.28333

#1	2555.1	28296.	2062.8	31.832	2535.5
#2	2546.4	28404.	2057.7	32.409	2528.7
#3	2539.4	28501.	2078.5	34.050	2521.2

Sample Name: CCV04 Acquired: 7/3/2019 15:44:20 Type: Unk
Method: P4-ICP2(v3248) 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	4.9765	5.0028	4.9512	5.0349	5.1075	10.328	10.038	.25742
Stddev	.0116	.0004	.0056	.0167	.0077	.090	.046	.00034
%RSD	.23271	.00693	.11405	.33140	.15157	.87317	.45407	.13373
#1	4.9758	5.0028	4.9452	5.0261	5.1164	10.373	10.078	.25757
#2	4.9652	5.0025	4.9521	5.0244	5.1028	10.225	9.9882	.25703
#3	4.9884	5.0032	4.9564	5.0541	5.1032	10.387	10.048	.25767
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4785	24.519	.99829	2.4907	1.2743	5.0362	2.5491	24.865
Stddev	.0055	.374	.00210	.0031	.0026	.0108	.0052	.105
%RSD	.21995	1.5238	.21011	.12471	.20155	.21533	.20342	.42051
#1	2.4723	24.728	1.0006	2.4875	1.2768	5.0446	2.5550	24.834
#2	2.4826	24.088	.99785	2.4937	1.2717	5.0239	2.5452	24.779
#3	2.4805	24.741	.99645	2.4909	1.2745	5.0400	2.5471	24.981
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4611	1.2251	24.966	2.4921	2.4539	25.001	4.9965	5.0844
Stddev	.0039	.0044	.069	.0018	.0034	.302	.0038	.0212
%RSD	.15762	.35921	.27748	.07186	.13643	1.2084	.07693	.41676
#1	2.4575	1.2256	25.011	2.4930	2.4502	25.150	4.9935	5.0908
#2	2.4604	1.2292	24.886	2.4900	2.4549	24.653	4.9952	5.0607
#3	2.4652	1.2205	25.001	2.4933	2.4566	25.199	5.0009	5.1017
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9174	4.6605	4.8685	4.9177	4.9499	5.146	5.0830	4.7029
Stddev	.0255	.0318	.0057	.0754	.0559	.016	.0514	.1884
%RSD	.51946	.68130	.11715	1.5324	1.1287	.3194	1.0114	4.0066
#1	4.8908	4.6930	4.8622	4.9659	4.9839	5.127	5.1276	4.4884
#2	4.9198	4.6296	4.8701	4.8309	4.8854	5.152	5.0268	4.7784
#3	4.9417	4.6589	4.8732	4.9564	4.9803	5.158	5.0946	4.8419

Sample Name: CCV04 Acquired: 7/3/2019 15:44:20 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7131
Stddev .2324
%RSD 8.5665

#1 2.5837
#2 2.9814
#3 2.5742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.0	27650.	2085.7	33.565	2254.6
Stddev	9.8	109.	20.3	.834	3.9
%RSD	.39417	.39486	.97354	2.4856	.17308

#1	2469.4	27524.	2064.6	32.762	2252.6
#2	2488.9	27719.	2105.1	34.427	2259.1
#3	2478.6	27708.	2087.5	33.505	2252.2

Sample Name: CCB04 Acquired: 7/3/2019 15:48:17 Type: Unk
Method: P4-ICP2(v3248) 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	-.00335	-.00056	-.00148	.00181	.00088	.00338	.00156	-.00007
Stddev	.00275	.00059	.00254	.00141	.00167	.03140	.00102	.00016
%RSD	81.982	105.98	172.09	77.888	190.07	929.77	65.186	232.84

#1	-.00026	-.00008	-.00187	.00339	.00196	.00470	.00043	-.00022
#2	-.00550	-.00122	-.00379	.00131	.00173	.03410	.00239	.00010
#3	-.00429	-.00037	.00124	.00071	-.00105	-.02866	.00185	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00909	-.00027	-.00014	-.00014	-.00118	.00003	-.01114
Stddev	.00008	.01102	.00009	.00008	.00031	.00074	.00009	.01496
%RSD	2011.0	121.13	32.877	59.858	224.24	63.086	280.88	134.37

#1	.00002	.00032	-.00036	-.00005	-.00050	-.00204	.00013	-.02582
#2	-.00009	.02145	-.00018	-.00014	.00007	-.00073	-.00001	.00409
#3	.00008	.00551	-.00027	-.00021	.00001	-.00078	-.00003	-.01168

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00003	-.25539	-.00042	.00018	-.20775	.00043	.03015
Stddev	.00026	.00045	.01324	.00026	.00002	.04368	.00036	.02032
%RSD	28.731	1336.1	5.1827	61.899	10.246	21.024	84.819	67.390

#1	.00061	-.00038	-.27066	-.00067	.00020	-.16140	.00070	.01476
#2	.00099	-.00020	-.24711	-.00015	.00017	-.24815	.00056	.02251
#3	.00110	.00047	-.24841	-.00045	.00017	-.21370	.00002	.05318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	.00290	-.00064	.00228	-.00323	-.0053	.00002	4.0612
Stddev	.00243	.00263	.00030	.00232	.00165	.0011	.00003	.3983
%RSD	60.316	90.433	47.558	101.67	50.917	19.77	137.51	9.8072

#1	-.00637	.00562	-.00045	.00100	-.00416	-.0050	.00004	3.6118
#2	-.00420	.00038	-.00099	.00088	-.00420	-.0065	-.00001	4.2011
#3	-.00152	.00271	-.00048	.00496	-.00133	-.0045	.00002	4.3707

Sample Name: CCB04 Acquired: 7/3/2019 15:48:17 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.52598
Stddev	.44110
%RSD	83.861

#1	.95559
#2	.07423
#3	.54812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.2	28168.	2065.8	33.098	2514.2
Stddev	7.4	141.	27.9	1.137	7.3
%RSD	.29278	.50128	1.3485	3.4345	.29087

#1	2532.3	28015.	2040.0	33.827	2509.5
#2	2531.6	28292.	2095.4	33.680	2510.6
#3	2544.8	28198.	2062.0	31.789	2522.7

Sample Name: PB121139BS Acquired: 7/3/2019 15:52:45 Type: Unk
Method: P4-ICP2(v3248) 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	.66541	1.7104	.83754	1.6938	.74140	1.8221	.18759
Stddev	.00255	.0038	.00249	.0037	.00109	.0349	.00076
%RSD	.38292	.22258	.29770	.21534	.14647	1.9166	.40429
#1	.66336	1.7148	.84032	1.6975	.74143	1.8573	.18761
#2	.66460	1.7087	.83551	1.6938	.74247	1.7875	.18682
#3	.66826	1.7077	.83679	1.6902	.74030	1.8216	.18834
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17602	.16477	.91756	.36842	.17410	.28583	2.7842
Stddev	.00038	.00028	.02789	.00135	.00060	.00019	.0052
%RSD	.21349	.16943	3.0401	.36736	.34265	.06483	.18627
#1	.17561	.16509	.88554	.36706	.17470	.28603	2.7808
#2	.17608	.16457	.93660	.36977	.17351	.28578	2.7816
#3	.17636	.16466	.93053	.36844	.17409	.28567	2.7901
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18983	1.7797	.43067	.06411	2.4803	.27575	.16818
Stddev	.00043	.1278	.00059	.00036	.0072	.00119	.00019
%RSD	.22596	7.1818	.13602	.56672	.28880	.43017	.11269
#1	.18951	1.7385	.43120	.06394	2.4879	.27494	.16832
#2	.18967	1.6776	.43004	.06453	2.4793	.27711	.16796
#3	.19032	1.9230	.43077	.06387	2.4737	.27521	.16824
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6991	.38112	.27255	F -.00750	.78774	.60078	.18646
Stddev	.0734	.00090	.03553	.00422	.01012	.00299	.00580
%RSD	.84388	.23534	13.034	56.218	1.2851	.49842	3.1084
#1	8.6690	.38040	.28113	-.01181	.79449	.60250	.18707
#2	8.6456	.38083	.30301	-.00731	.77610	.59732	.18038
#3	8.7828	.38212	.23353	-.00338	.79263	.60252	.19192

Sample Name: PB121139BS Acquired: 7/3/2019 15:52:45 Type: Unk
 Method: P4-ICP2(v3248) 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	.18578	4.921	.19871	F 4.5927	F<.00000
Stddev	.00324	.014	.00253	.0913	.21659
%RSD	1.7460	.2735	1.2722	1.9885	135.28
#1	.18486	4.936	.19940	4.6797	.02010
#2	.18309	4.917	.19590	4.4976	-.40040
#3	.18938	4.910	.20082	4.6007	-.10002
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.1	28217.	2073.5	33.194	2459.5
Stddev	6.5	51.	17.9	.992	4.0
%RSD	.26187	.18245	.86184	2.9887	.16185
#1	2500.5	28180.	2067.1	33.920	2457.0
#2	2493.4	28196.	2093.6	33.598	2457.5
#3	2506.5	28276.	2059.7	32.064	2464.1

Sample Name: PB121139TB Acquired: 7/3/2019 15:56:53 Type: Unk
Method: P4-ICP2(v3248) 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	-.00233	-.00214	-.00116	-.00012	-.00027	.00341	.00086	-.00011
Stddev	.00348	.00062	.00030	.00090	.00171	.01623	.00029	.00002
%RSD	149.38	28.753	26.027	751.93	630.91	475.87	34.436	19.806
#1	.00139	-.00278	-.00094	.00082	-.00179	.01216	.00093	-.00014
#2	-.00287	-.00154	-.00103	-.00098	.00159	-.01531	.00110	-.00010
#3	-.00551	-.00212	-.00150	-.00020	-.00061	.01338	.00053	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01522	.00044	-.00045	-.00009	.00270	.00025	-.06058
Stddev	.00008	.00992	.00044	.00013	.00053	.00020	.00008	.06888
%RSD	64.071	65.202	100.23	27.564	582.57	7.3609	31.688	113.71
#1	-.00015	.02433	.00006	-.00041	-.00007	.00292	.00018	-.13945
#2	-.00004	.01667	.00033	-.00036	.00043	.00254	.00025	-.01222
#3	-.00020	.00465	.00093	-.00060	-.00063	.00263	.00034	-.03007
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.00095	F 331.41	-.00041	.00619	-.12172	-.00033	.01039
Stddev	.00033	.00052	.33	.00044	.00015	.02640	.00019	.01060
%RSD	13.220	54.516	.09930	108.15	2.4128	21.688	55.482	101.99
#1	.00263	.00132	331.53	-.00085	.00602	-.14397	-.00050	-.00143
#2	.00278	.00116	331.03	-.00040	.00630	-.12864	-.00037	.01904
#3	.00214	.00036	331.66	.00003	.00624	-.09255	-.00013	.01356
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00129	-.00047	.00135	-.00367	-.0030	-.00001	5.0838
Stddev	.00296	.00157	.00050	.00109	.00194	.0024	.00004	.1969
%RSD	554.93	122.35	105.69	80.741	53.019	79.10	289.42	3.8735
#1	.00194	.00182	-.00057	.00138	-.00263	-.0035	-.00000	4.8674
#2	-.00287	-.00048	-.00091	.00024	-.00246	-.0005	.00002	5.2525
#3	.00253	.00252	.00007	.00242	-.00591	-.0052	-.00006	5.1315

Sample Name: PB121139TB Acquired: 7/3/2019 15:56:53 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .58629
Stddev .33366
%RSD 56.910

#1 .20453
#2 .82212
#3 .73222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.6	27199.	2071.3	32.468	2238.5
Stddev	6.2	109.	15.2	.261	5.6
%RSD	.25538	.40136	.73614	.80451	.25009

#1	2421.1	27073.	2067.1	32.173	2235.6
#2	2417.2	27260.	2058.6	32.670	2235.0
#3	2429.3	27263.	2088.2	32.560	2245.0

Sample Name: K3638-01 Acquired: 7/3/2019 16:01:21 Type: Unk
Method: P4-ICP2(v3248) 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	.00163	-.00551	.03174	.00594	-.00142	.13550	.15602	.00002
Stddev	.00325	.00199	.00030	.00332	.00072	.01109	.00089	.00010
%RSD	199.65	36.189	.93436	55.947	50.811	8.1843	.56859	480.85
#1	.00017	-.00719	.03142	.00938	-.00107	.12287	.15690	-.00008
#2	.00534	-.00604	.03180	.00570	-.00226	.13997	.15512	.00011
#3	-.00064	-.00331	.03201	.00274	-.00095	.14365	.15604	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	302.97	-.00510	.01090	.00080	4.9895	6.8536	45.617
Stddev	.00003	.77	.00020	.00059	.00047	.0040	.0715	.282
%RSD	5.0038	.25471	3.9088	5.3671	58.198	.07962	1.0431	.61742
#1	-.00065	302.75	-.00491	.01157	.00026	4.9940	6.9195	45.520
#2	-.00072	302.33	-.00509	.01047	.00104	4.9865	6.8635	45.934
#3	-.00067	303.82	-.00530	.01067	.00109	4.9881	6.7776	45.396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00130	43.098	-.04185	.03863	7.8387	.00062	.16148
Stddev	.00060	.00019	.095	.00107	.00019	.0303	.00029	.00722
%RSD	338.95	14.669	.22076	2.5613	.48061	.38686	47.368	4.4713
#1	-.00031	-.00150	43.113	-.04078	.03882	7.8638	.00084	.15437
#2	.00048	-.00128	43.185	-.04184	.03861	7.8050	.00073	.16127
#3	-.00071	-.00112	42.996	-.04292	.03845	7.8473	.00029	.16881
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.371	F 11.080	-.01978	-.00517	.01440	.0070	2.1268	5.2847
Stddev	.198	.040	.00043	.00187	.00033	.0035	.0053	.3010
%RSD	.34481	.35944	2.1815	36.107	2.2825	49.95	.24783	5.6962
#1	57.536	11.080	-.01987	-.00582	.01432	.0047	2.1239	5.5843
#2	57.426	11.040	-.02016	-.00663	.01477	.0110	2.1235	4.9822
#3	57.152	11.119	-.01931	-.00307	.01413	.0052	2.1329	5.2876

Sample Name: K3638-01 Acquired: 7/3/2019 16:01:21 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6535
Stddev	.5040
%RSD	18.995

#1	2.9244
#2	2.0720
#3	2.9643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.4	26752.	2056.8	31.744	2175.6
Stddev	4.0	165.	11.3	.905	6.7
%RSD	.17084	.61717	.54976	2.8525	.30871

#1	2338.9	26573.	2045.1	30.941	2168.3
#2	2346.5	26786.	2067.7	31.567	2181.6
#3	2344.8	26898.	2057.6	32.725	2176.9

Sample Name: K3638-01DUP Acquired: 7/3/2019 16:05:50 Type: Unk
Method: P4-ICP2(v3248) 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	-.00128	-.00327	.03433	.00065	-.00297	.14295	.15638	.00006
Stddev	.00341	.00157	.00062	.00177	.00137	.01406	.00044	.00014
%RSD	265.75	48.031	1.8065	274.26	46.216	9.8382	.27968	223.61
#1	.00230	-.00160	.03397	-.00059	-.00446	.15028	.15688	-.00004
#2	-.00167	-.00348	.03505	.00268	-.00176	.12674	.15619	.00022
#3	-.00448	-.00471	.03399	-.00015	-.00268	.15184	.15606	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	303.33	-.00524	.01088	.00108	4.9779	6.8019	45.242
Stddev	.00003	.90	.00034	.00017	.00055	.0009	.0335	.429
%RSD	5.4305	.29691	6.4443	1.5498	51.211	.01748	.49175	.94793
#1	-.00058	303.33	-.00526	.01069	.00163	4.9780	6.7656	45.202
#2	-.00059	304.23	-.00489	.01099	.00109	4.9769	6.8315	44.835
#3	-.00064	302.43	-.00557	.01097	.00052	4.9786	6.8088	45.690
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00149	42.817	-.04192	.03806	7.7810	.00056	.17595
Stddev	.00011	.00042	.068	.00030	.00027	.0564	.00051	.02107
%RSD	15.210	28.514	.15974	.72326	.72132	.72485	90.428	11.974
#1	-.00068	-.00125	42.757	-.04157	.03826	7.7233	-.00000	.17501
#2	-.00082	-.00198	42.892	-.04205	.03774	7.7835	.00099	.15537
#3	-.00060	-.00124	42.803	-.04213	.03816	7.8361	.00070	.19747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.210	F 11.134	-.01980	-.00858	.01222	.0080	2.1209	5.1916
Stddev	.014	.035	.00070	.00359	.00162	.0021	.0034	.2568
%RSD	.02504	.31298	3.5119	41.825	13.231	26.40	.16263	4.9470
#1	57.221	11.154	-.01980	-.01075	.01035	.0103	2.1215	5.0429
#2	57.194	11.154	-.02050	-.00444	.01315	.0061	2.1240	5.4882
#3	57.216	11.094	-.01911	-.01055	.01315	.0076	2.1172	5.0438

Sample Name: K3638-01DUP Acquired: 7/3/2019 16:05:50 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8199
Stddev .6371
%RSD 22.593

#1 2.6052
#2 3.5365
#3 2.3179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.4	26902.	2056.9	31.880	2181.5
Stddev	2.7	78.	10.6	.347	6.0
%RSD	.11605	.28942	.51308	1.0899	.27386

#1	2355.5	26881.	2052.8	31.541	2175.8
#2	2350.4	26836.	2049.0	32.235	2187.7
#3	2351.2	26988.	2068.9	31.865	2181.0

Sample Name: K3638-01LX5 Acquired: 7/3/2019 16:10:22 Type: Unk
Method: P4-ICP2(v3248) 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	-.00086	-.00049	.00684	.00096	-.00268	.04314	.03255	-.00001
Stddev	.00365	.00007	.00018	.00144	.00211	.01371	.00090	.00003
%RSD	426.14	13.219	2.5604	149.74	78.709	31.780	2.7519	371.33
#1	.00251	-.00052	.00704	.00065	-.00509	.02742	.03151	.00001
#2	-.00473	-.00042	.00670	-.00029	-.00123	.05261	.03308	.00001
#3	-.00035	-.00055	.00678	.00254	-.00171	.04939	.03305	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	63.491	-.00171	.00201	.00036	1.0726	1.4612	9.3129
Stddev	.00005	.863	.00063	.00015	.00022	.0073	.0005	.0902
%RSD	18.058	1.3594	36.843	7.6169	61.813	.68529	.03643	.96873
#1	-.00034	62.504	-.00210	.00186	.00015	1.0797	1.4617	9.2090
#2	-.00024	64.104	-.00206	.00201	.00059	1.0650	1.4606	9.3720
#3	-.00030	63.865	-.00099	.00216	.00033	1.0732	1.4612	9.3576
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00058	8.3533	-.00947	.00809	1.3816	-.00041	.06085
Stddev	.00020	.00013	.1102	.00018	.00002	.0057	.00015	.00340
%RSD	115.37	21.842	1.3188	1.9147	.28397	.41346	35.667	5.5915
#1	.00035	-.00044	8.2319	-.00963	.00810	1.3802	-.00025	.06158
#2	.00022	-.00069	8.4468	-.00950	.00806	1.3768	-.00042	.05714
#3	-.00004	-.00062	8.3813	-.00927	.00810	1.3879	-.00054	.06382
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.397	2.4021	-.00373	.00036	.00066	-.0040	.44090	3.9414
Stddev	.038	.0205	.00042	.00213	.00125	.0001	.00542	.1539
%RSD	.33405	.85342	11.171	598.73	190.88	3.667	1.2301	3.9056
#1	11.353	2.4011	-.00368	-.00208	-.00011	-.0042	.43477	3.7723
#2	11.425	2.3821	-.00334	.00123	.00210	-.0039	.44505	4.0735
#3	11.412	2.4231	-.00417	.00192	-.00002	-.0039	.44289	3.9785

Sample Name: K3638-01LX5 Acquired: 7/3/2019 16:10:22 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2494
Stddev	.1271
%RSD	10.171

#1	1.1490
#2	1.2070
#3	1.3923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.6	28014.	2090.0	33.338	2403.2
Stddev	9.3	35.	4.0	.605	9.1
%RSD	.37360	.12394	.18929	1.8145	.37960

#1	2492.4	27995.	2093.7	34.036	2394.2
#2	2510.1	27994.	2090.4	32.993	2412.5
#3	2496.2	28054.	2085.8	32.984	2402.8

Sample Name: K3638-02 Acquired: 7/3/2019 16:14:45 Type: Unk
Method: P4-ICP2(v3248) 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	.78510	1.9187	.99010	1.9753	.84953	2.2808	.36954	.20254
Stddev	.00156	.0017	.00429	.0146	.00050	.0149	.00146	.00017
%RSD	.19837	.08698	.43329	.73942	.05880	.65460	.39508	.08235
#1	.78491	1.9169	.98597	1.9820	.84997	2.2808	.36933	.20263
#2	.78365	1.9190	.99454	1.9853	.84965	2.2659	.36820	.20264
#3	.78675	1.9202	.98979	1.9585	.84899	2.2957	.37109	.20234
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18899	313.97	.39684	.20668	.30433	8.0087	7.0655	47.690
Stddev	.00019	1.77	.00122	.00075	.00128	.0261	.0346	.255
%RSD	.09959	.56482	.30834	.36339	.42200	.32632	.48949	.53485
#1	.18905	316.01	.39544	.20622	.30425	7.9786	7.0356	47.403
#2	.18914	312.84	.39770	.20754	.30566	8.0258	7.1034	47.776
#3	.18878	313.06	.39738	.20626	.30309	8.0216	7.0575	47.890
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47668	.07240	46.389	.26918	.23662	18.433	.42098	.48005
Stddev	.00132	.00100	.090	.00105	.00005	.093	.00170	.02360
%RSD	.27685	1.3778	.19331	.39013	.02009	.50543	.40430	4.9169
#1	.47516	.07285	46.305	.27039	.23667	18.366	.42118	.50722
#2	.47758	.07126	46.483	.26869	.23662	18.392	.42257	.46464
#3	.47729	.07310	46.379	.26847	.23657	18.539	.41919	.46828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.855	F 12.441	.67823	.19989	.23337	6.311	2.4206	5.6331
Stddev	.116	.088	.00183	.00059	.00329	.008	.0120	.2571
%RSD	.19748	.70571	.27050	.29605	1.4110	.1326	.49695	4.5643
#1	58.742	12.542	.67947	.20057	.23580	6.304	2.4345	5.6419
#2	58.974	12.398	.67613	.19965	.22962	6.320	2.4130	5.8857
#3	58.848	12.384	.67910	.19946	.23468	6.309	2.4144	5.3717

Sample Name: K3638-02 Acquired: 7/3/2019 16:14:45 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9334
Stddev	.2293
%RSD	7.8159

#1	2.7170
#2	2.9095
#3	3.1737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.3	26843.	2003.8	31.262	2161.4
Stddev	8.9	66.	15.0	2.262	3.9
%RSD	.37641	.24575	.74980	7.2353	.18083

#1	2347.1	26871.	1986.7	28.731	2162.4
#2	2347.2	26767.	2010.2	31.970	2157.1
#3	2362.5	26889.	2014.6	33.085	2164.7

Sample Name: K3638-03 Acquired: 7/3/2019 16:18:59 Type: Unk
Method: P4-ICP2(v3248) 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	.77859	1.9141	.98352	1.9580	.84305	2.2571	.37106	.20089
Stddev	.00459	.0084	.00185	.0048	.00019	.0172	.00386	.00109
%RSD	.58932	.44059	.18817	.24515	.02250	.76308	1.0403	.54361
#1	.78175	1.9237	.98561	1.9574	.84288	2.2769	.36710	.20202
#2	.78068	1.9077	.98282	1.9534	.84301	2.2455	.37481	.19984
#3	.77333	1.9110	.98211	1.9630	.84326	2.2488	.37128	.20080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18756	311.38	.39462	.20501	.30144	7.9700	7.0161	47.673
Stddev	.00041	.46	.00100	.00022	.00125	.0118	.0453	.281
%RSD	.22079	.14931	.25425	.10488	.41554	.14800	.64572	.59034
#1	.18802	310.92	.39478	.20509	.30111	7.9734	6.9638	47.470
#2	.18723	311.85	.39355	.20477	.30039	7.9569	7.0428	47.994
#3	.18742	311.37	.39553	.20518	.30283	7.9798	7.0418	47.554
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47480	.07078	46.482	.26635	.23727	18.478	.41834	.47398
Stddev	.00139	.00016	.408	.00150	.00023	.133	.00086	.01647
%RSD	.29220	.23078	.87827	.56500	.09848	.71945	.20626	3.4759
#1	.47544	.07094	46.038	.26786	.23750	18.365	.41860	.45626
#2	.47321	.07062	46.841	.26634	.23730	18.625	.41737	.47684
#3	.47575	.07077	46.568	.26485	.23703	18.445	.41903	.48883
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.921	F 12.291	.67991	.19614	.23029	6.314	2.3905	5.4757
Stddev	.175	.081	.00027	.00100	.00505	.002	.0059	.0752
%RSD	.29782	.66159	.03905	.50844	2.1928	.0368	.24716	1.3735
#1	58.987	12.371	.68014	.19617	.22456	6.316	2.3839	5.4745
#2	58.722	12.208	.67962	.19712	.23225	6.313	2.3952	5.5515
#3	59.053	12.292	.67997	.19513	.23407	6.312	2.3924	5.4011

Sample Name: K3638-03 Acquired: 7/3/2019 16:18:59 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7583
Stddev .0973
%RSD 3.5261

#1 2.6790
#2 2.7290
#3 2.8668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.4	26966.	2034.9	31.551	2158.2
Stddev	5.8	43.	11.2	.791	7.3
%RSD	.24675	.16086	.55226	2.5065	.34036

#1	2351.5	26968.	2022.1	31.390	2150.2
#2	2362.1	26921.	2043.2	32.409	2164.6
#3	2352.6	27008.	2039.5	30.852	2159.8

Sample Name: K3638-01A Acquired: 7/3/2019 16:23:12 Type: Unk
Method: P4-ICP2(v3248) 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	.78280	1.9079	.98404	1.9686	.84836	2.2413	.36930	.20135
Stddev	.00254	.0047	.00129	.0084	.00411	.0550	.00072	.00041
%RSD	.32427	.24836	.13151	.42698	.48441	2.4539	.19604	.20170

#1	.78572	1.9039	.98531	1.9620	.85046	2.2475	.36992	.20089
#2	.78115	1.9132	.98409	1.9781	.84362	2.1835	.36948	.20151
#3	.78153	1.9067	.98273	1.9657	.85099	2.2929	.36850	.20165

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18715	311.88	.39531	.20471	.30304	8.0117	7.0542	47.512
Stddev	.00045	1.96	.00170	.00037	.00162	.0136	.0405	.251
%RSD	.24066	.62755	.43124	.18150	.53331	.16943	.57434	.52922

#1	.18763	314.10	.39564	.20497	.30126	8.0265	7.0886	47.438
#2	.18674	310.39	.39347	.20487	.30442	8.0088	7.0645	47.307
#3	.18707	311.16	.39683	.20428	.30345	7.9998	7.0096	47.793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47547	.07130	46.376	.26602	.23671	18.429	.42096	.46604
Stddev	.00167	.00039	.089	.00122	.00009	.051	.00009	.04098
%RSD	.35150	.54084	.19175	.46035	.03639	.27540	.02230	8.7922

#1	.47558	.07114	46.448	.26677	.23677	18.395	.42088	.51321
#2	.47375	.07102	46.277	.26460	.23661	18.405	.42094	.44571
#3	.47709	.07174	46.405	.26668	.23674	18.488	.42106	.43921

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.010	F 12.441	.67715	.19515	.23496	6.292	2.3989	5.5451
Stddev	.111	.068	.00230	.00387	.00033	.014	.0134	.2772
%RSD	.18884	.54595	.34019	1.9856	.14140	.2244	.56040	4.9998

#1	59.004	12.518	.67558	.19250	.23496	6.309	2.4143	5.4415
#2	59.125	12.390	.67607	.19335	.23463	6.284	2.3897	5.8592
#3	58.902	12.415	.67980	.19960	.23529	6.284	2.3926	5.3345

Sample Name: K3638-01A Acquired: 7/3/2019 16:23:12 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7029
Stddev	.4465
%RSD	16.520

#1	3.1652
#2	2.2740
#3	2.6695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.3	26900.	2020.3	32.263	2170.4
Stddev	10.8	162.	19.1	.642	9.2
%RSD	.45990	.60147	.94768	1.9901	.42612

#1	2350.7	26714.	1998.3	32.841	2161.2
#2	2351.5	26993.	2030.2	32.376	2170.3
#3	2369.9	26995.	2032.6	31.572	2179.7

Sample Name: K3638-04 Acquired: 7/3/2019 16:27:24 Type: Unk
Method: P4-ICP2(v3248) 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	.00378	-.00278	.03375	-.00044	.00106	.12733	.14906	.00006
Stddev	.00199	.00111	.00129	.00569	.00042	.02723	.00079	.00009
%RSD	52.507	39.916	3.8121	1285.1	39.719	21.385	.52866	163.11
#1	.00491	-.00399	.03478	.00150	.00153	.14798	.14825	.00006
#2	.00149	-.00256	.03416	-.00685	.00090	.13753	.14911	-.00004
#3	.00495	-.00180	.03231	.00402	.00074	.09647	.14982	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	304.31	-.00387	.00965	.00156	4.2047	5.8738	45.057
Stddev	.00003	.92	.00019	.00005	.00066	.0069	.0045	.479
%RSD	4.2331	.30340	4.9327	.56346	42.041	.16532	.07684	1.0631
#1	-.00064	304.61	-.00409	.00961	.00225	4.2055	5.8762	44.706
#2	-.00061	305.06	-.00379	.00971	.00095	4.1974	5.8686	44.863
#3	-.00059	303.28	-.00374	.00962	.00148	4.2113	5.8766	45.603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00111	43.107	-.03535	.03780	7.7970	.00057	.17522
Stddev	.00049	.00030	.086	.00061	.00020	.0257	.00040	.02714
%RSD	163.76	27.314	.19878	1.7339	.51937	.32907	69.218	15.487
#1	-.00086	-.00077	43.039	-.03489	.03801	7.7690	.00090	.20572
#2	-.00010	-.00118	43.079	-.03512	.03762	7.8025	.00013	.15376
#3	.00006	-.00136	43.204	-.03605	.03776	7.8195	.00067	.16617
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.009	F 11.213	-.02075	-.00790	.00943	.0036	2.1277	5.1823
Stddev	.137	.028	.00123	.00066	.00186	.0035	.0075	.2486
%RSD	.23690	.25155	5.9058	8.3717	19.761	95.58	.35242	4.7974
#1	58.087	11.232	-.01952	-.00863	.00778	.0073	2.1330	5.0866
#2	58.090	11.226	-.02074	-.00734	.01145	.0004	2.1310	5.4645
#3	57.851	11.180	-.02197	-.00773	.00905	.0032	2.1191	4.9957

Sample Name: K3638-04 Acquired: 7/3/2019 16:27:24 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5507
Stddev .2233
%RSD 8.7561

#1 2.5885
#2 2.7527
#3 2.3109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.5	26841.	2031.5	32.101	2188.6
Stddev	3.1	116.	15.8	1.798	6.6
%RSD	.13087	.43182	.77814	5.6002	.30276

#1	2350.2	26708.	2016.5	31.145	2182.2
#2	2354.0	26901.	2029.9	30.983	2188.1
#3	2356.3	26915.	2048.0	34.175	2195.5

Sample Name: K3638-05 Acquired: 7/3/2019 16:31:46 Type: Unk
Method: P4-ICP2(v3248) 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	-.00100	-.00286	.02528	.00338	-.00125	.30286	.03638	-.00009
Stddev	.00252	.00099	.00088	.00035	.00186	.01058	.00078	.00006
%RSD	252.62	34.442	3.4999	10.238	148.53	3.4921	2.1440	73.823
#1	-.00391	-.00387	.02498	.00342	-.00158	.29121	.03548	-.00003
#2	.00062	-.00282	.02627	.00371	-.00294	.31185	.03679	-.00016
#3	.00029	-.00190	.02458	.00302	.00075	.30553	.03687	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	212.11	-.00207	.00095	.00258	.26345	3.6278	29.514
Stddev	.00006	.98	.00027	.00016	.00037	.00120	.0042	.180
%RSD	77.746	.46163	13.092	16.822	14.341	.45709	.11428	.61001
#1	-.00013	211.51	-.00176	.00103	.00301	.26212	3.6288	29.626
#2	-.00008	213.24	-.00217	.00106	.00235	.26446	3.6233	29.306
#3	-.00002	211.59	-.00227	.00077	.00238	.26378	3.6314	29.610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00120	47.297	-.02183	.01885	5.2883	.00020	.10445
Stddev	.00056	.00025	.080	.00036	.00006	.0572	.00015	.03506
%RSD	60.002	20.913	.16854	1.6376	.34271	1.0818	77.589	33.562
#1	.00111	-.00092	47.339	-.02150	.01879	5.3174	.00036	.06882
#2	.00031	-.00128	47.205	-.02177	.01892	5.2224	.00005	.10563
#3	.00140	-.00141	47.347	-.02221	.01883	5.3252	.00020	.13890
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.328	8.6273	-.01623	-.00056	.00010	-.0047	.92136	4.8554
Stddev	.168	.0534	.00094	.00184	.00142	.0002	.00125	.2452
%RSD	.35493	.61933	5.7980	326.97	1454.6	5.147	.13540	5.0499
#1	47.510	8.6006	-.01676	-.00132	.00077	-.0049	.92097	4.9727
#2	47.294	8.6888	-.01678	.00154	.00107	-.0048	.92276	4.5736
#3	47.180	8.5924	-.01514	-.00191	-.00154	-.0044	.92036	5.0200

Sample Name: K3638-05 Acquired: 7/3/2019 16:31:46 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0725
Stddev .8286
%RSD 77.258

#1 1.1790
#2 .19576
#3 1.8426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.1	27101.	2054.8	32.200	2242.1
Stddev	6.8	62.	9.7	1.743	4.0
%RSD	.28371	.22859	.46977	5.4124	.17788

#1	2376.3	27035.	2051.9	30.413	2237.9
#2	2388.6	27109.	2047.0	33.895	2242.6
#3	2387.4	27159.	2065.6	32.290	2245.8

Sample Name: CCV05 Acquired: 7/3/2019 16:36:08 Type: Unk
Method: P4-ICP2(v3248) 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	4.9557	4.9970	4.9151	5.0040	5.0637	10.158	9.8664	.25351
Stddev	.0030	.0076	.0095	.0178	.0069	.052	.0662	.00063
%RSD	.06098	.15249	.19359	.35508	.13703	.51572	.67133	.24702
#1	4.9579	5.0005	4.9070	4.9971	5.0577	10.109	9.7927	.25421
#2	4.9569	5.0023	4.9255	5.0242	5.0713	10.152	9.9209	.25332
#3	4.9522	4.9883	4.9127	4.9907	5.0620	10.214	9.8856	.25300
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4556	24.509	.98779	2.4690	1.2664	4.9711	2.5244	24.490
Stddev	.0015	.116	.00099	.0031	.0012	.0027	.0030	.182
%RSD	.06283	.47255	.10068	.12383	.09451	.05534	.11958	.74454
#1	2.4559	24.380	.98721	2.4717	1.2655	4.9742	2.5209	24.291
#2	2.4570	24.543	.98894	2.4695	1.2659	4.9700	2.5260	24.649
#3	2.4539	24.604	.98721	2.4657	1.2678	4.9691	2.5263	24.531
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4442	1.2107	24.590	2.4654	2.4299	24.379	4.9673	4.9628
Stddev	.0038	.0017	.170	.0031	.0014	.098	.0054	.0275
%RSD	.15713	.14202	.69015	.12736	.05875	.40043	.10924	.55384
#1	2.4455	1.2088	24.417	2.4648	2.4310	24.271	4.9625	4.9330
#2	2.4473	1.2121	24.757	2.4688	2.4305	24.461	4.9732	4.9871
#3	2.4399	1.2112	24.596	2.4627	2.4283	24.404	4.9663	4.9683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9067	4.6924	4.8394	4.9193	4.9423	5.164	5.0787	F 4.3387
Stddev	.0209	.0246	.0044	.0208	.0333	.016	.0219	.2202
%RSD	.42674	.52348	.09030	.42373	.67456	.3023	.43060	5.0750
#1	4.8877	4.7135	4.8435	4.9022	4.9184	5.167	5.0642	4.0855
#2	4.9292	4.6983	4.8348	4.9425	4.9804	5.179	5.1039	4.4457
#3	4.9033	4.6654	4.8401	4.9131	4.9280	5.148	5.0682	4.4850

Sample Name: CCV05 Acquired: 7/3/2019 16:36:08 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6163
Stddev .4689
%RSD 17.921

#1 2.1037
#2 2.7218
#3 3.0235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.5	28337.	2100.3	33.563	2291.5
Stddev	1.5	59.	9.9	1.311	2.5
%RSD	.06118	.20653	.47008	3.9076	.10733

#1	2516.5	28367.	2096.3	32.064	2288.9
#2	2516.7	28270.	2093.0	34.500	2291.7
#3	2519.3	28375.	2111.5	34.125	2293.8

Sample Name: CCB05 Acquired: 7/3/2019 16:40:05 Type: Unk
Method: P4-ICP2(v3248) 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	-.00298	-.00008	-.00235	-.00127	-.00145	.00819	.00113	-.00004
Stddev	.00251	.00024	.00092	.00277	.00238	.02283	.00021	.00004
%RSD	84.167	295.71	39.190	218.37	164.13	278.96	18.816	102.84
#1	-.00280	-.00029	-.00136	-.00447	.00065	.02904	.00131	-.00004
#2	-.00558	.00018	-.00319	.00041	-.00403	-.01621	.00119	-.00000
#3	-.00057	-.00013	-.00251	.00025	-.00097	.01172	.00090	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00833	-.00029	-.00006	-.00017	-.00072	.00002	-.08255
Stddev	.00006	.00119	.00078	.00025	.00075	.00085	.00012	.05332
%RSD	105.23	14.273	265.42	435.61	427.66	117.88	749.61	64.593
#1	-.00000	.00971	.00018	.00018	-.00104	.00026	.00012	-.09450
#2	.00013	.00763	.00013	-.00032	.00032	-.00124	.00004	-.02426
#3	.00006	.00766	-.00119	-.00003	.00019	-.00118	-.00011	-.12887
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.00020	-.23748	-.00046	-.00018	-.20385	.00009	F .02872
Stddev	.00040	.00025	.01114	.00034	.00008	.03483	.00027	.01763
%RSD	35.119	121.73	4.6891	73.075	41.275	17.088	282.76	61.375
#1	.00160	.00047	-.23228	-.00012	-.00019	-.16935	.00039	.04600
#2	.00099	.00014	-.22989	-.00046	-.00010	-.23901	-.00014	.02939
#3	.00085	-.00001	-.25026	-.00080	-.00025	-.20321	.00004	.01077
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00103	-.00084	.00020	-.00288	-.0046	-.00010	F 3.4075
Stddev	.00529	.00297	.00092	.00301	.00190	.0019	.00029	.1462
%RSD	708.23	287.88	110.34	1512.6	66.019	42.42	292.91	4.2920
#1	.00316	.00017	-.00010	.00248	-.00097	-.0027	.00023	3.4833
#2	-.00677	-.00442	-.00054	.00133	-.00477	-.0044	-.00029	3.5002
#3	.00136	.00115	-.00187	-.00321	-.00289	-.0066	-.00024	3.2389

Sample Name: CCB05 Acquired: 7/3/2019 16:40:05 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .06832
Stddev .38221
%RSD 559.43

#1 -.34167
#2 .13183
#3 .41480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.5	28675.	2103.8	33.633	2558.0
Stddev	7.0	78.	6.2	.995	8.2
%RSD	.27226	.27218	.29408	2.9587	.32172

#1	2585.3	28592.	2102.2	33.980	2564.5
#2	2571.7	28685.	2098.6	32.511	2548.7
#3	2581.6	28747.	2110.7	34.409	2560.7

Sample Name: K3641-01 Acquired: 7/3/2019 16:44:33 Type: Unk
Method: P4-ICP2(v3248) 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	.00459	-.00022	.07900	.00494	-.00027	6.5896	.19289	-.00006
Stddev	.00374	.00119	.00045	.00210	.00066	.0673	.00183	.00006
%RSD	81.345	549.39	.57329	42.513	245.67	1.0216	.94643	107.30
#1	.00859	-.00012	.07942	.00622	.00044	6.5124	.19085	.00001
#2	.00119	.00092	.07906	.00607	-.00086	6.6203	.19436	-.00008
#3	.00399	-.00145	.07852	.00251	-.00039	6.6361	.19347	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	182.64	.01001	.00537	.01755	9.8611	.55080	36.332
Stddev	.00009	.27	.00059	.00037	.00033	.0142	.00149	.350
%RSD	11.556	.14944	5.8835	6.9568	1.8763	.14387	.26995	.96335
#1	-.00072	182.83	.00939	.00495	.01793	9.8531	.54974	35.947
#2	-.00073	182.33	.01056	.00546	.01740	9.8527	.55015	36.632
#3	-.00088	182.77	.01008	.00568	.01733	9.8775	.55250	36.416
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00732	-.00163	286.06	.04328	.05888	26.327	.01894	.50980
Stddev	.00012	.00065	1.61	.00039	.00015	.237	.00045	.01046
%RSD	1.6603	39.770	.56144	.89147	.25953	.90024	2.3855	2.0524
#1	.00718	-.00133	284.60	.04295	.05903	26.248	.01942	.50675
#2	.00737	-.00237	287.78	.04319	.05873	26.593	.01852	.50119
#3	.00741	-.00118	285.80	.04370	.05887	26.139	.01889	.52144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.967	F 25.662	-.00412	.26328	.00872	.5928	1.0894	4.9616
Stddev	.063	.153	.00051	.00060	.00128	.0004	.0007	.2466
%RSD	.35306	.59566	12.458	.22897	14.642	.0683	.06128	4.9694
#1	18.004	25.766	-.00413	.26268	.00814	.5930	1.0900	5.0497
#2	17.894	25.487	-.00462	.26388	.00784	.5923	1.0887	5.1520
#3	18.003	25.734	-.00360	.26327	.01019	.5930	1.0895	4.6831

Sample Name: K3641-01 Acquired: 7/3/2019 16:44:33 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5431
Stddev .1676
%RSD 4.7301

#1 3.3543
#2 3.6006
#3 3.6744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.4	26940.	2079.5	31.263	2144.5
Stddev	2.2	48.	14.2	2.172	8.6
%RSD	.09157	.17683	.68358	6.9468	.39924

#1	2384.2	26906.	2064.8	29.580	2135.2
#2	2386.4	26920.	2093.2	33.715	2152.1
#3	2388.6	26995.	2080.5	30.495	2146.1

Sample Name: K3618-02 Acquired: 7/3/2019 17:00:29 Type: Unk
Method: P4-ICP2(v3248) 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	-.00557	-.00334	.00221	.00375	-.00184	.11532	.09210	.00023
Stddev	.00213	.00177	.00147	.00291	.00075	.00211	.00099	.00005
%RSD	38.210	53.134	66.444	77.581	40.755	1.8288	1.0756	23.158

#1	-.00750	-.00339	.00365	.00143	-.00199	.11397	.09235	.00021
#2	-.00591	-.00508	.00224	.00702	-.00250	.11775	.09100	.00019
#3	-.00329	-.00154	.00072	.00280	-.00102	.11424	.09293	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	24.715	-.00079	.01338	.00500	.04956	1.0178	9.7378
Stddev	.00009	.044	.00026	.00021	.00053	.00087	.0019	.0754
%RSD	75.909	.17792	33.121	1.5927	10.658	1.7645	.18582	.77377

#1	-.00002	24.742	-.00055	.01347	.00512	.04989	1.0186	9.7176
#2	-.00018	24.664	-.00074	.01353	.00547	.05022	1.0192	9.6745
#3	-.00015	24.738	-.00107	.01314	.00442	.04857	1.0156	9.8211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00484	.00013	341.76	-.00644	.02511	.42806	-.00078	.05154
Stddev	.00046	.00040	.77	.00007	.00009	.02505	.00015	.01521
%RSD	9.5004	315.97	.22448	1.0622	.37427	5.8527	18.917	29.516

#1	.00510	-.00030	342.23	-.00648	.02509	.44533	-.00061	.05072
#2	.00431	.00018	340.88	-.00648	.02521	.39933	-.00087	.03676
#3	.00511	.00050	342.18	-.00637	.02503	.43953	-.00086	.06715

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18860	.66294	.00124	.00039	-.00011	-.0022	.06153	4.3541
Stddev	.00455	.00374	.00066	.00151	.00108	.0020	.00037	.1550
%RSD	2.4149	.56405	53.377	392.46	973.50	87.90	.59444	3.5594

#1	.19258	.66622	.00175	-.00136	-.00094	-.0042	.06181	4.3520
#2	.18959	.66374	.00049	.00137	.00111	-.0003	.06166	4.2002
#3	.18363	.65887	.00148	.00114	-.00051	-.0022	.06111	4.5102

Sample Name: K3618-02 Acquired: 7/3/2019 17:00:29 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .68884
 Stddev .28527
 %RSD 41.413

#1 .99634
 #2 .43280
 #3 .63738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.9	27761.	2140.1	34.174	2245.4
Stddev	2.6	131.	16.4	.710	4.4
%RSD	.10336	.47208	.76540	2.0787	.19640

#1	2483.1	27615.	2128.4	33.500	2243.0
#2	2483.6	27802.	2133.2	34.105	2242.8
#3	2487.8	27867.	2158.9	34.916	2250.5

Sample Name: K3618-02DUP Acquired: 7/3/2019 17:04:55 Type: Unk
Method: P4-ICP2(v3248) 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	-.00333	-.00160	.00323	.00665	-.00190	.09697	.09116	.00015
Stddev	.00347	.00020	.00026	.00286	.00113	.00790	.00097	.00010
%RSD	104.01	12.334	8.1536	43.073	59.429	8.1446	1.0654	64.916

#1	-.00691	-.00155	.00305	.00885	-.00302	.09488	.09023	.00026
#2	-.00310	-.00143	.00353	.00341	-.00075	.10570	.09217	.00012
#3	.00001	-.00181	.00311	.00769	-.00194	.09032	.09106	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	24.884	-.00038	.01350	.00534	.04948	1.0225	9.7127
Stddev	.00005	.047	.00021	.00025	.00019	.00087	.0031	.1233
%RSD	66.526	.18710	54.631	1.8311	3.5234	1.7482	.30597	1.2693

#1	-.00012	24.925	-.00053	.01367	.00513	.04921	1.0257	9.7552
#2	-.00002	24.893	-.00046	.01361	.00549	.04879	1.0223	9.8092
#3	-.00010	24.833	-.00014	.01322	.00540	.05045	1.0194	9.5739

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00516	.00060	339.30	-.00654	.02540	.48606	-.00069	.04382
Stddev	.00023	.00053	1.54	.00038	.00080	.07911	.00033	.01055
%RSD	4.3845	88.447	.45381	5.8243	3.1385	16.276	47.273	24.085

#1	.00528	.00094	341.07	-.00668	.02484	.48001	-.00043	.03221
#2	.00531	.00087	338.27	-.00682	.02631	.41015	-.00105	.05283
#3	.00490	-.00001	338.56	-.00610	.02504	.56802	-.00058	.04643

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18616	.67741	.00071	.00268	-.00119	-.0008	.06223	4.3623
Stddev	.00480	.00520	.00062	.00181	.00191	.0034	.00016	.0508
%RSD	2.5807	.76740	86.678	67.577	160.84	435.8	.25693	1.1643

#1	.18098	.67819	.00024	.00445	-.00339	.0028	.06241	4.3429
#2	.19047	.67186	.00048	.00083	-.00003	-.0039	.06212	4.4199
#3	.18703	.68217	.00141	.00276	-.00014	-.0012	.06215	4.3240

Sample Name: K3618-02DUP Acquired: 7/3/2019 17:04:55 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0703
 Stddev .1923
 %RSD 17.966

#1 .87906
 #2 1.0683
 #3 1.2636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.7	27947.	2119.9	32.491	2245.0
Stddev	5.0	222.	13.4	.847	3.1
%RSD	.20065	.79531	.63370	2.6079	.13726

#1	2482.3	27692.	2105.0	32.202	2248.6
#2	2472.9	28048.	2123.7	31.827	2243.7
#3	2474.7	28100.	2131.0	33.446	2242.8

Sample Name: K3618-02LX5 Acquired: 7/3/2019 17:09:21 Type: Unk
Method: P4-ICP2(v3248) 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	-.00384	-.00052	-.00038	-.00150	-.00068	.01410	.02007	.00007
Stddev	.00149	.00236	.00180	.00255	.00175	.00572	.00057	.00002
%RSD	38.675	452.80	470.79	170.42	255.88	40.558	2.8513	22.332

#1	-.00318	.00188	-.00236	-.00170	-.00059	.01244	.01944	.00008
#2	-.00555	-.00284	.00118	.00115	-.00248	.02046	.02056	.00008
#3	-.00281	-.00061	.00002	-.00394	.00102	.00939	.02021	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	5.1863	-.00039	.00267	.00133	.00949	.21832	1.9044
Stddev	.00012	.0559	.00020	.00004	.00021	.00016	.00118	.0552
%RSD	145.70	1.0778	50.259	1.4870	16.112	1.6709	.53900	2.8983

#1	-.00020	5.2073	-.00042	.00271	.00109	.00966	.21940	1.9191
#2	-.00010	5.1229	-.00057	.00264	.00149	.00945	.21848	1.9507
#3	.00005	5.2287	-.00018	.00265	.00140	.00935	.21707	1.8433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00005	69.143	-.00126	.00478	.09222	-.00051	.00976
Stddev	.00055	.00059	.292	.00043	.00003	.07523	.00017	.01222
%RSD	44.503	1128.9	.42274	33.682	.57073	81.573	33.698	125.13

#1	.00100	-.00073	68.919	-.00081	.00481	.04708	-.00069	.02277
#2	.00084	.00022	69.036	-.00166	.00479	.05052	-.00035	-.00147
#3	.00186	.00035	69.474	-.00132	.00476	.17906	-.00048	.00800

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03173	.14251	-.00081	.00162	.00135	-.0034	.01301	4.0211
Stddev	.00201	.00208	.00040	.00229	.00201	.0004	.00005	.0485
%RSD	6.3294	1.4577	49.968	141.24	148.76	10.98	.41235	1.2070

#1	.02944	.14489	-.00107	-.00036	.00293	-.0030	.01299	4.0742
#2	.03256	.14103	-.00034	.00110	.00203	-.0036	.01297	3.9791
#3	.03319	.14162	-.00102	.00412	-.00091	-.0037	.01307	4.0099

Sample Name: K3618-02LX5 Acquired: 7/3/2019 17:09:21 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .29873
 Stddev .56952
 %RSD 190.65

#1 .08231
 #2 .94474
 #3 -.13086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.5	27936.	2074.6	33.156	2386.0
Stddev	16.9	65.	12.6	.603	15.3
%RSD	.67241	.23444	.60947	1.8193	.64081

#1	2487.6	27944.	2064.5	33.523	2369.2
#2	2512.1	27997.	2088.8	33.485	2389.6
#3	2519.9	27867.	2070.4	32.460	2399.1

Sample Name: K3618-02MS Acquired: 7/3/2019 17:13:49 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72486	1.7988	.90646	1.8766	.74482	2.0515	.27908	.18801	.18287
Stddev	.00325	.0042	.00173	.0069	.00121	.0351	.00069	.00019	.00047
%RSD	.44885	.23544	.19110	.37017	.16281	1.7130	.24762	.10239	.25657

#1	.72847	1.7940	.90819	1.8721	.74438	2.0115	.27978	.18798	.18259
#2	.72395	1.8015	.90472	1.8730	.74389	2.0777	.27904	.18783	.18262
#3	.72215	1.8010	.90646	1.8846	.74619	2.0652	.27840	.18821	.18341

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.598	.37624	.20092	.29181	2.8583	1.1107	10.695	.46806	.06590
Stddev	.055	.00030	.00034	.00085	.0067	.0009	.032	.00059	.00025
%RSD	.23147	.08019	.16762	.29239	.23476	.08270	.30218	.12654	.38144

#1	23.661	.37658	.20093	.29218	2.8535	1.1110	10.682	.46817	.06587
#2	23.564	.37614	.20057	.29083	2.8555	1.1096	10.731	.46741	.06566
#3	23.570	.37600	.20124	.29240	2.8660	1.1114	10.671	.46858	.06616

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	308.18	.28404	.21220	10.298	.37774	.30536	.15664	1.3701	.63850
Stddev	.15	.00131	.00030	.049	.00124	.01662	.00581	.0042	.00210
%RSD	.04730	.46292	.14033	.47857	.32892	5.4433	3.7089	.30606	.32826

#1	308.35	.28374	.21207	10.254	.37654	.32265	.15280	1.3693	.63619
#2	308.08	.28548	.21199	10.287	.37766	.30392	.15380	1.3746	.63903
#3	308.12	.28290	.21254	10.351	.37902	.28951	.16332	1.3663	.64028

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19090	.20289	6.025	.26109	5.0500	.34362
Stddev	.00359	.00372	.004	.00163	.1909	.40182
%RSD	1.8817	1.8328	.0609	.62327	3.7800	116.94

#1	.19095	.20304	6.021	.26174	5.1922	.79620
#2	.19446	.19910	6.024	.26230	5.1248	.02880
#3	.18728	.20654	6.029	.25924	4.8331	.20585

Sample Name: K3618-02MS Acquired: 7/3/2019 17:13:49 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC 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	2460.6	27883.	2114.1	33.373	2234.1
Stddev	7.5	80.	7.8	.398	4.6
%RSD	.30372	.28823	.36795	1.1913	.20672
#1	2469.2	27844.	2107.2	33.253	2239.4
#2	2456.4	27829.	2112.5	33.817	2230.7
#3	2456.2	27975.	2122.5	33.049	2232.3

Sample Name: K3618-02MSD Acquired: 7/3/2019 17:17:57 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73657	1.8182	.91883	1.8980	.75334	2.0582	.28080	.19189	.18525
Stddev	.00443	.0043	.00258	.0025	.00513	.0261	.00123	.00026	.00035
%RSD	.60199	.23531	.28065	.12943	.68051	1.2700	.43705	.13797	.18674

#1	.74117	1.8133	.91680	1.9001	.75763	2.0462	.28009	.19211	.18499
#2	.73232	1.8211	.91796	1.8953	.74766	2.0882	.28222	.19160	.18511
#3	.73621	1.8203	.92174	1.8986	.75474	2.0402	.28009	.19196	.18564

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.765	.38484	.20343	.29492	2.9317	1.1264	10.752	.47396	.06737
Stddev	.107	.00142	.00008	.00144	.0026	.0017	.103	.00157	.00101
%RSD	.44938	.36836	.03822	.48823	.09008	.15062	.96214	.33094	1.5029

#1	23.885	.38347	.20340	.29516	2.9348	1.1246	10.755	.47216	.06817
#2	23.730	.38475	.20337	.29338	2.9302	1.1268	10.648	.47472	.06769
#3	23.681	.38630	.20352	.29623	2.9302	1.1279	10.854	.47501	.06623

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	308.08	.29115	.21468	10.441	.38239	.32958	.15906	1.4301	.64574
Stddev	.64	.00145	.00070	.043	.00130	.01213	.00963	.0160	.00413
%RSD	.20819	.49775	.32394	.41530	.34011	3.6820	6.0515	1.1212	.63899

#1	307.57	.29274	.21409	10.470	.38341	.32903	.15561	1.4403	.64108
#2	308.80	.29080	.21450	10.391	.38092	.31772	.16994	1.4116	.64894
#3	307.87	.28990	.21544	10.462	.38282	.34197	.15164	1.4384	.64720

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19210	.20869	6.091	.26521	5.2552	.50941
Stddev	.00173	.00393	.033	.00091	.0203	.43694
%RSD	.90268	1.8811	.5366	.34264	.38709	85.775

#1	.19017	.20978	6.056	.26615	5.2331	.12672
#2	.19353	.20433	6.097	.26513	5.2596	.98550
#3	.19261	.21195	6.121	.26433	5.2730	.41601

Sample Name: K3618-02MSD Acquired: 7/3/2019 17:17:57 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC 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	2461.6	27645.	2072.2	33.690	2231.7
Stddev	25.0	117.	18.5	1.006	18.0
%RSD	1.0156	.42410	.89464	2.9856	.80469
#1	2445.9	27518.	2050.8	33.848	2223.3
#2	2490.4	27749.	2082.5	32.614	2252.3
#3	2448.3	27668.	2083.2	34.607	2219.4

Sample Name: K3618-02A Acquired: 7/3/2019 17:22:04 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73680	1.8188	.91941	1.8961	.75541	2.0886	.28219	.19178	.18482
Stddev	.00418	.0069	.00239	.0060	.00473	.0437	.00234	.00040	.00069
%RSD	.56760	.38006	.26025	.31666	.62557	2.0912	.83069	.20935	.37198

#1	.74154	1.8173	.92214	1.9014	.76033	2.0403	.28038	.19177	.18549
#2	.73521	1.8263	.91766	1.8974	.75499	2.1000	.28134	.19218	.18486
#3	.73364	1.8127	.91844	1.8896	.75091	2.1254	.28483	.19138	.18412

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.431	.38648	.20302	.29633	2.9376	1.1104	10.633	.47430	.06810
Stddev	.020	.00132	.00044	.00058	.0063	.0010	.068	.00213	.00044
%RSD	.08612	.34036	.21885	.19604	.21464	.08878	.64002	.44806	.65192

#1	23.441	.38795	.20352	.29674	2.9446	1.1093	10.554	.47596	.06861
#2	23.443	.38608	.20288	.29658	2.9356	1.1107	10.672	.47503	.06778
#3	23.407	.38541	.20267	.29567	2.9325	1.1112	10.672	.47190	.06792

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	305.60	.29091	.21312	10.566	.38557	.33501	.15667	1.4073	.64758
Stddev	2.21	.00124	.00115	.057	.00109	.01630	.00261	.0207	.00171
%RSD	.72257	.42769	.53846	.53854	.28384	4.8642	1.6690	1.4686	.26432

#1	303.49	.29086	.21406	10.523	.38657	.31671	.15963	1.4246	.64791
#2	305.40	.29217	.21346	10.544	.38574	.34039	.15467	1.4130	.64573
#3	307.90	.28969	.21185	10.631	.38440	.34795	.15572	1.3844	.64910

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19520	.20894	6.078	.26616	5.1884	.55071
Stddev	.00334	.00213	.031	.00021	.0493	.34496
%RSD	1.7119	1.0216	.5169	.07912	.94947	62.639

#1	.19901	.20649	6.105	.26627	5.2290	.91239
#2	.19277	.20988	6.087	.26629	5.1336	.22536
#3	.19382	.21044	6.043	.26591	5.2026	.51436

Sample Name: K3618-02A Acquired: 7/3/2019 17:22:04 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC 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	2450.4	27590.	2076.4	33.233	2229.5
Stddev	5.6	40.	17.1	.523	4.7
%RSD	.22991	.14350	.82317	1.5727	.21263
#1	2446.1	27552.	2059.7	33.722	2224.6
#2	2456.8	27631.	2075.6	33.297	2234.1
#3	2448.3	27587.	2093.9	32.682	2229.6

Sample Name: CCV06 Acquired: 7/3/2019 17:26:11 Type: Unk
Method: P4-ICP2(v3248) 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	4.9747	5.0207	4.9257	5.0359	5.0891	10.157	9.9332	.25529
Stddev	.0018	.0071	.0051	.0165	.0110	.072	.0908	.00032
%RSD	.03666	.14112	.10328	.32770	.21549	.71290	.91404	.12557
#1	4.9729	5.0277	4.9262	5.0447	5.0778	10.148	9.8723	.25506
#2	4.9747	5.0209	4.9306	5.0462	5.0997	10.233	10.038	.25565
#3	4.9765	5.0135	4.9204	5.0169	5.0897	10.089	9.8898	.25514
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4622	24.733	.98965	2.4768	1.2745	5.0022	2.5418	24.541
Stddev	.0014	.060	.00325	.0042	.0027	.0134	.0044	.184
%RSD	.05637	.24352	.32851	.16953	.21374	.26783	.17423	.74816
#1	2.4632	24.795	.99117	2.4795	1.2717	4.9871	2.5377	24.482
#2	2.4627	24.675	.99186	2.4790	1.2771	5.0127	2.5465	24.747
#3	2.4606	24.730	.98592	2.4720	1.2746	5.0067	2.5412	24.394
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4521	1.2229	24.905	2.4760	2.4411	24.577	4.9932	4.9779
Stddev	.0063	.0040	.206	.0085	.0050	.142	.0092	.0073
%RSD	.25769	.32453	.82571	.34236	.20322	.57728	.18507	.14724
#1	2.4546	1.2183	24.757	2.4666	2.4426	24.532	4.9920	4.9700
#2	2.4568	1.2256	25.140	2.4832	2.4452	24.736	5.0030	4.9845
#3	2.4449	1.2247	24.818	2.4780	2.4356	24.463	4.9847	4.9791
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9394	4.7438	4.8609	4.9475	5.0014	5.194	5.1144	4.6749
Stddev	.0291	.0419	.0129	.0119	.0134	.022	.0150	.1040
%RSD	.58915	.88276	.26526	.23988	.26734	.4185	.29266	2.2241
#1	4.9729	4.7335	4.8691	4.9604	4.9895	5.208	5.1105	4.5605
#2	4.9206	4.7081	4.8676	4.9452	4.9990	5.204	5.1018	4.7637
#3	4.9247	4.7899	4.8461	4.9370	5.0159	5.169	5.1309	4.7004

Sample Name: CCV06 Acquired: 7/3/2019 17:26:11 Type: Unk
Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2937
Stddev .3423
%RSD 14.921

#1 2.3741
#2 2.5887
#3 1.9185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.7	28052.	2072.4	32.273	2268.5
Stddev	4.1	89.	15.5	.818	4.5
%RSD	.16661	.31864	.74619	2.5349	.19911

#1	2486.7	28043.	2063.5	33.166	2264.5
#2	2487.9	27967.	2090.2	31.560	2267.7
#3	2494.4	28145.	2063.4	32.093	2273.4

Sample Name: CCB06 Acquired: 7/3/2019 17:30:08 Type: Unk
Method: P4-ICP2(v3248) 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	-.00155	.00119	-.00156	.00090	-.00183	-.02719	.00197	.00005
Stddev	.00248	.00190	.00096	.00146	.00076	.02792	.00021	.00005
%RSD	160.74	158.86	61.670	162.21	41.554	102.68	10.691	101.28
#1	-.00226	.00134	-.00247	.00244	-.00270	-.00027	.00194	.00011
#2	.00122	-.00077	-.00164	.00071	-.00125	-.05600	.00177	.00004
#3	-.00360	.00302	-.00056	-.00046	-.00155	-.02529	.00219	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01743	-.00025	-.00015	.00006	-.00084	.00004	-.06683
Stddev	.00004	.00843	.00061	.00039	.00040	.00071	.00001	.07596
%RSD	117.00	48.360	244.90	255.85	701.73	84.593	27.988	113.66
#1	.00001	.01164	.00027	-.00051	.00014	-.00164	.00005	-.09395
#2	.00007	.02710	-.00010	-.00020	-.00038	-.00028	.00004	-.12552
#3	.00001	.01355	-.00092	.00026	.00041	-.00060	.00003	.01897
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00054	-.12385	-.00084	-.00020	-.13526	.00045	F .04067
Stddev	.00033	.00014	.01571	.00031	.00013	.01575	.00041	.01284
%RSD	30.428	26.112	12.686	36.543	63.720	11.647	91.037	31.565
#1	.00102	.00055	-.11644	-.00070	-.00035	-.15044	.00082	.03539
#2	.00146	.00039	-.11322	-.00063	-.00012	-.13634	.00050	.05531
#3	.00080	.00067	-.14190	-.00119	-.00014	-.11899	.00001	.03132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	-.00123	-.00069	.00145	.00287	-.0045	.00006	F 3.9227
Stddev	.00238	.00300	.00032	.00298	.00202	.0021	.00019	.0804
%RSD	70.730	243.42	47.199	206.05	70.478	45.87	345.27	2.0490
#1	-.00192	-.00230	-.00046	.00489	.00515	-.0060	.00028	3.8540
#2	-.00611	.00215	-.00054	-.00044	.00216	-.0021	-.00005	4.0111
#3	-.00207	-.00355	-.00106	-.00011	.00130	-.0053	-.00006	3.9032

Sample Name: CCB06 Acquired: 7/3/2019 17:30:08 Type: Unk
 Method: P4-ICP2(v3248) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .34521
Stddev	.24440
%RSD	70.795

#1	.10275
#2	.34140
#3	.59150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.2	28476.	2074.5	33.508	2544.6
Stddev	13.6	34.	23.0	.930	9.9
%RSD	.53211	.11848	1.1088	2.7753	.38776

#1	2560.1	28437.	2048.2	32.664	2544.7
#2	2549.8	28498.	2084.4	34.505	2534.7
#3	2576.8	28492.	2090.8	33.355	2554.4