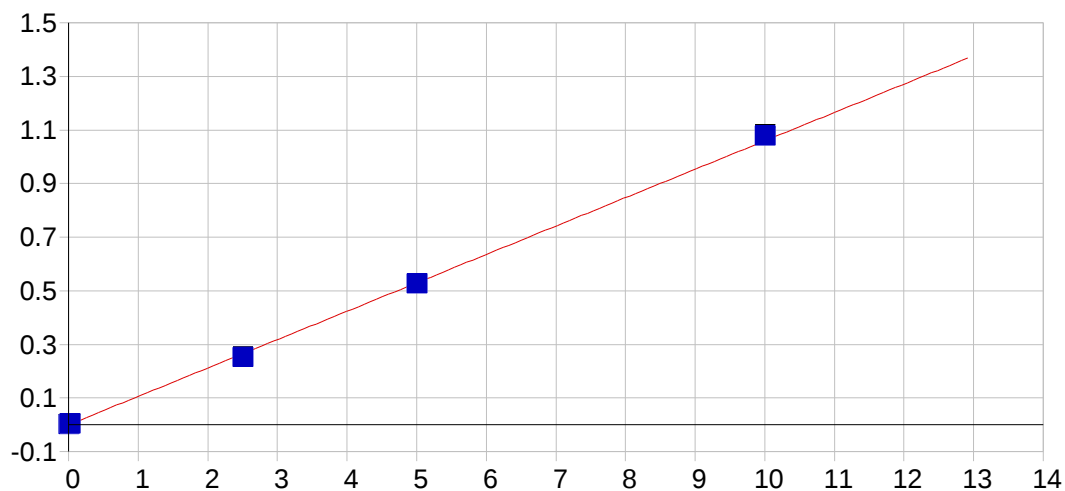


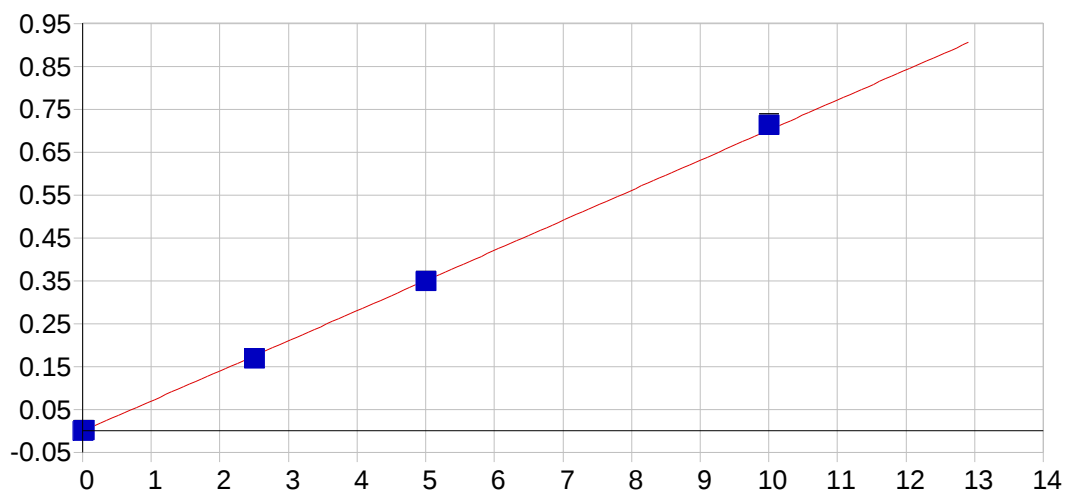


As 189.042 {478}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000249 Re-Slope: 1.000000
 A1 (Gain): 0.105952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.003320
 Predicted MQL: 0.011067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.01651	-.003	-17.5	.00150	.000	1
S3	2.5000	2.3763	-.124	-4.95	.25151	.001	1
S4	5.0000	4.9632	-.037	-.735	.52558	.001	1
S5	10.000	10.164	.164	1.64	1.0766	.005	1



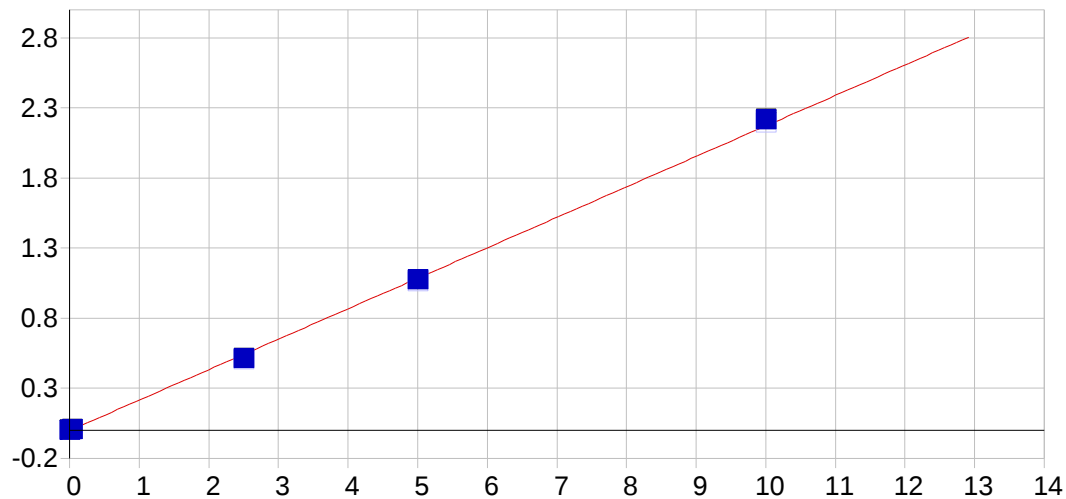
As 189.042 {479}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000

A1 (Gain): 0.070143 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003258
 Predicted MQL: 0.010859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.02000	.01842	-.002	-7.89	.00121	.000	1
S3	2.5000	2.3877	-.112	-4.49	.16740	.000	1
S4	5.0000	4.9609	-.039	-.782	.34790	.001	1
S5	10.000	10.153	.153	1.53	.71208	.003	1

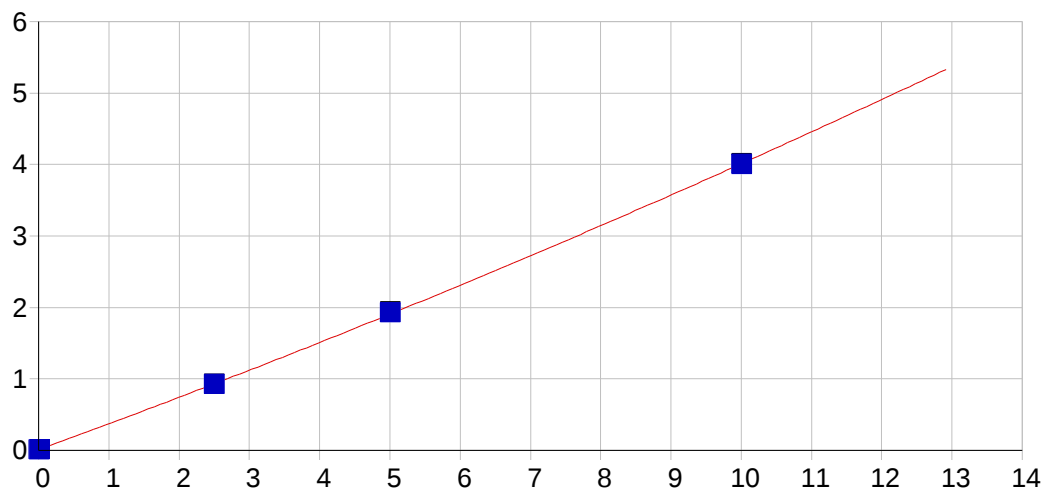


TI 190.856 {477}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001260 Re-Slope: 1.000000
 A1 (Gain): 0.217325 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.001388
 Predicted MQL: 0.004628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.04000	.04027	.000	.664	.00726	.000	1
S3	2.5000	2.3547	-.145	-5.81	.50489	.000	1
S4	5.0000	4.9410	-.059	-1.18	1.0614	.001	1
S5	10.000	10.204	.204	2.04	2.1941	.004	1

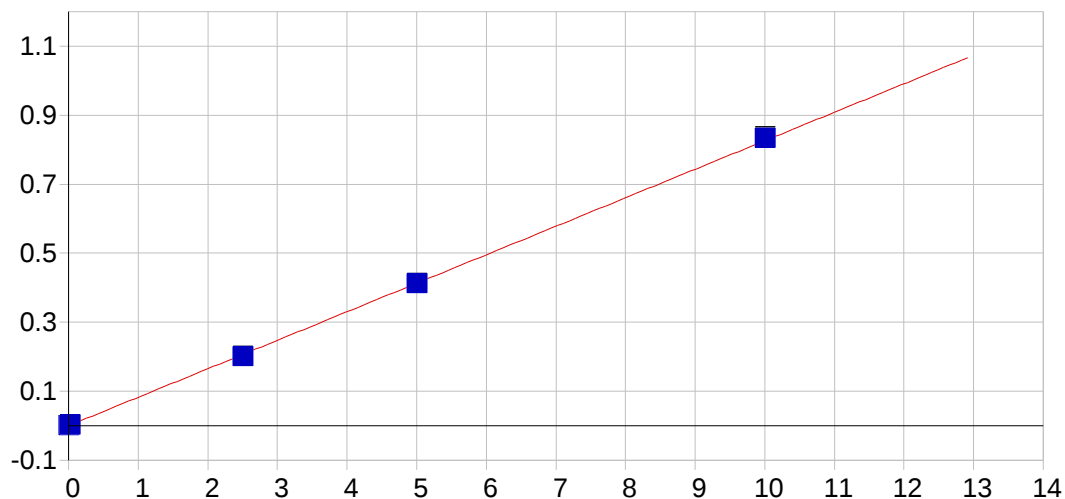


Pb 220.353 {453}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.009578 Re-Slope: 1.000000
 A1 (Gain): 0.358446 Y-int: 0.000000
 A2 (Curvature): 0.004158
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: Warning Positive Curvature
 Std Error of Est: 0.000071
 Predicted MDL: 0.001320
 Predicted MQL: 0.004399

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00958	.001	1
S1	.01200	.01018	-.002	-15.2	.01315	.000	1
S3	2.5000	2.4691	-.031	-1.24	.91875	.001	1
S4	5.0000	5.0471	.047	.942	1.9222	.008	1
S5	10.000	9.9853	-.015	-.147	3.9985	.008	1



Se 196.090 {472}

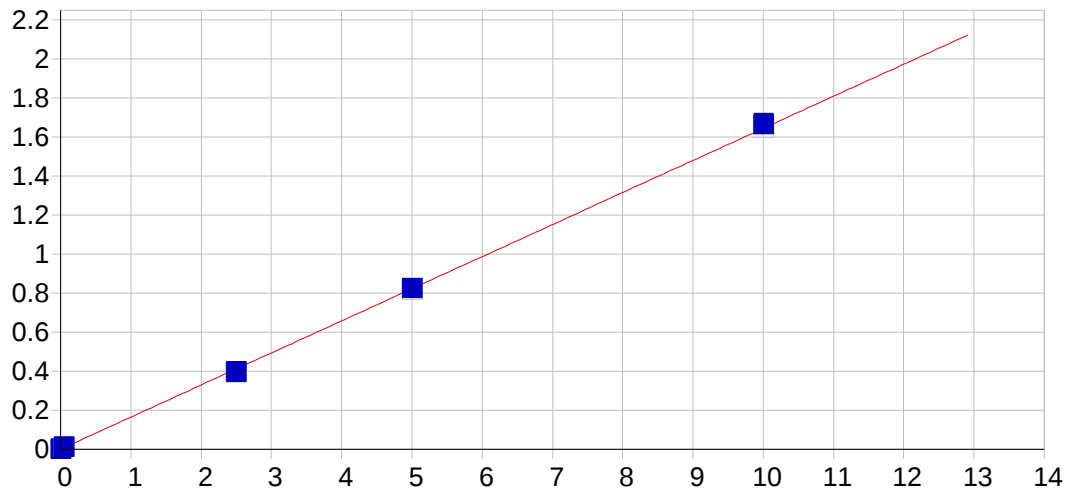
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.082594 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000028
 Predicted MDL: 0.003945
 Predicted MQL: 0.013151

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.02000	.02016	.000	.790	.00174	.000	1
S3	2.5000	2.4204	-.080	-3.18	.19994	.000	1
S4	5.0000	4.9870	-.013	-.260	.41188	.001	1
S5	10.000	10.092	.092	.924	.83346	.003	1

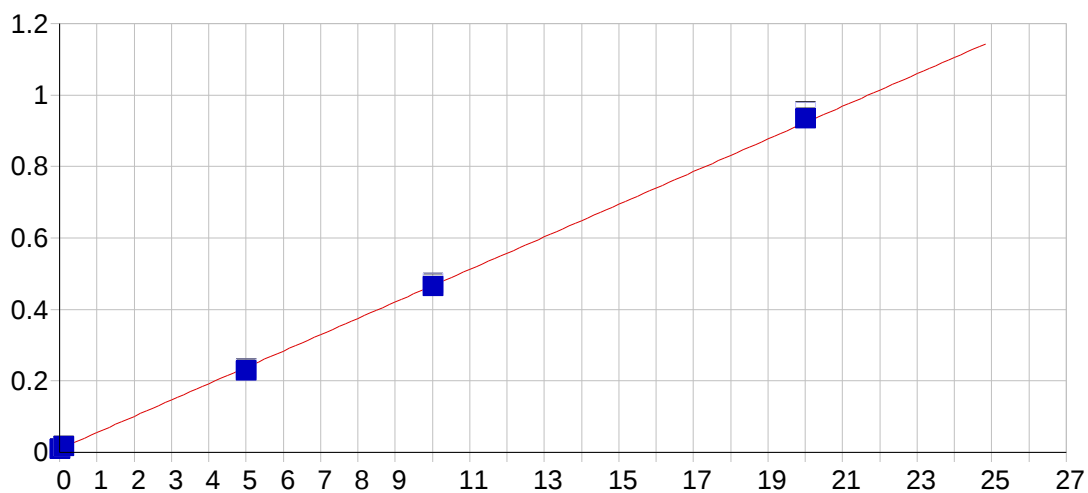


Sb 206.833 {463}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000829 Re-Slope: 1.000000
 A1 (Gain): 0.164391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.002414
 Predicted MQL: 0.008047

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.05000	.05599	.006	12.0	.00983	.000	1
S3	2.5000	2.3967	-.103	-4.13	.39020	.001	1
S4	5.0000	4.9966	-.003	-.067	.81299	.000	1
S5	10.000	10.101	.101	1.01	1.6428	.007	1

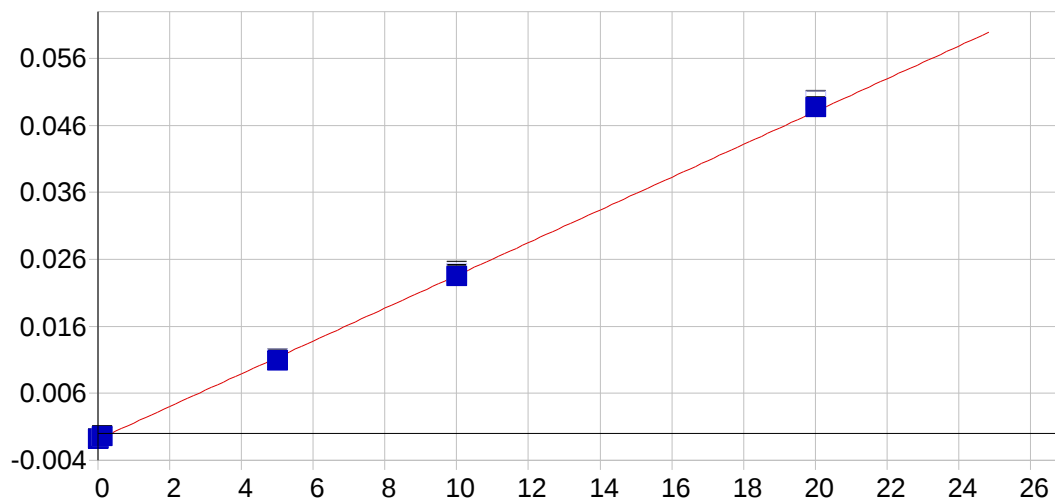


AI 308.215 {109}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009653 Re-Slope: 1.000000
 A1 (Gain): 0.045659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999550 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.003829
 Predicted MQL: 0.012765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00965	.000	1
S1	.10000	.14470	.045	44.7	.01658	.000	1
S3	5.0000	4.7813	-.219	-4.37	.23251	.000	1
S4	10.000	9.9327	-.067	-.673	.47226	.001	1
S5	20.000	20.239	.239	1.20	.95194	.001	1



AI 309.271 {109}

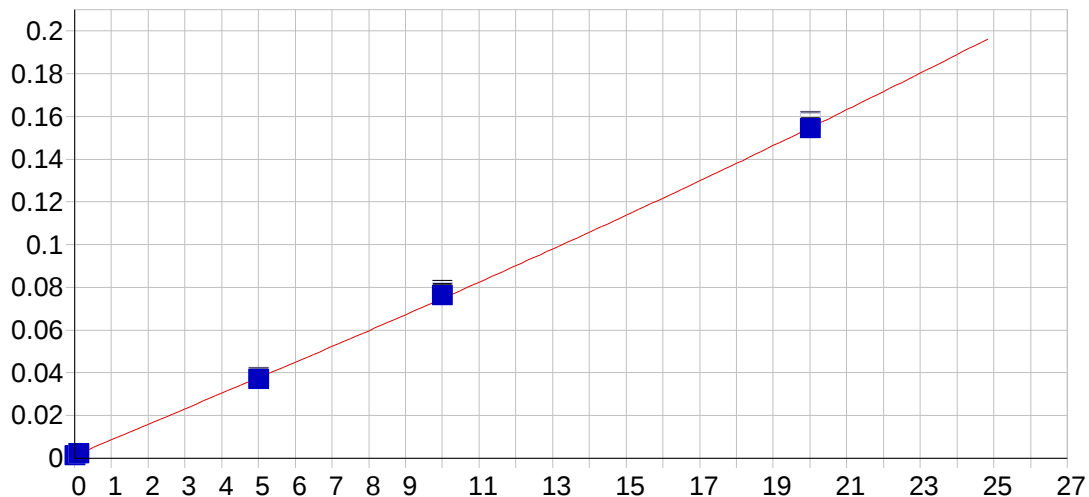
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000868 Re-Slope: 1.000000
 A1 (Gain): 0.002447 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999328
 Std Error of Est: 0.000007
 Predicted MDL: 0.045539
 Predicted MQL: 0.151798

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-.00087	.000	1
S1	.10000	.15943	.059	59.4	-.00046	.000	1
S3	5.0000	4.7768	-.223	-4.46	.01106	.000	1
S4	10.000	9.9125	-.088	-.875	.02388	.000	1
S5	20.000	20.248	.248	1.24	.04966	.000	1



AI 396.152 { 85}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Full Fit

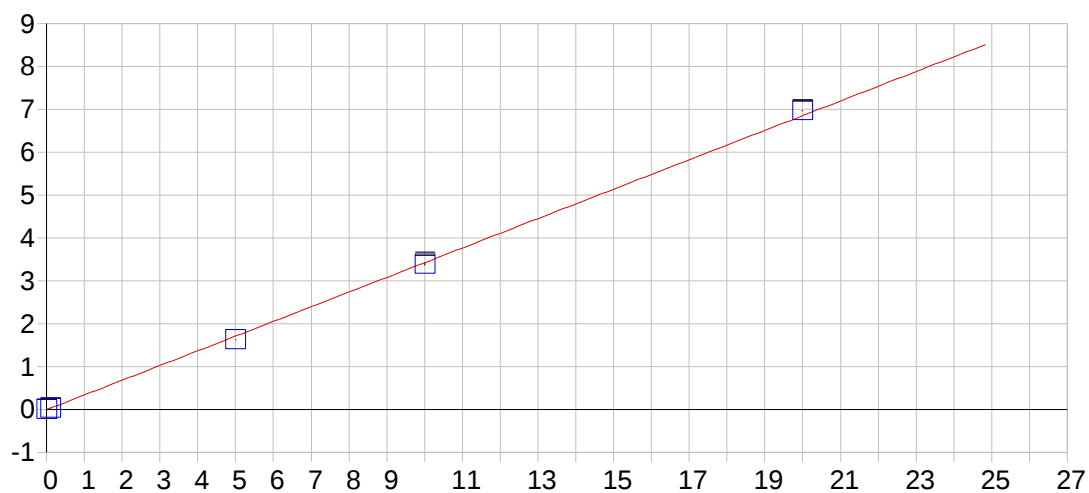
Weighting: 1/Conc

A0 (Offset): 0.001065
 A1 (Gain): 0.007575
 A2 (Curvature): 0.000078
 n (Exponent): 0.950000
 Correlation: 0.999913
 Std Error of Est: 0.000013
 Predicted MDL: 0.020758
 Predicted MQL: 0.069192

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00106	.000	1
S1	.10000	.10711	.007	7.11	.00203	.000	1
S3	5.0000	4.8762	-.124	-2.48	.03753	.000	1
S4	10.000	10.166	.166	1.66	.07756	.001	1
S5	20.000	19.950	-.050	-.248	.15731	.000	1

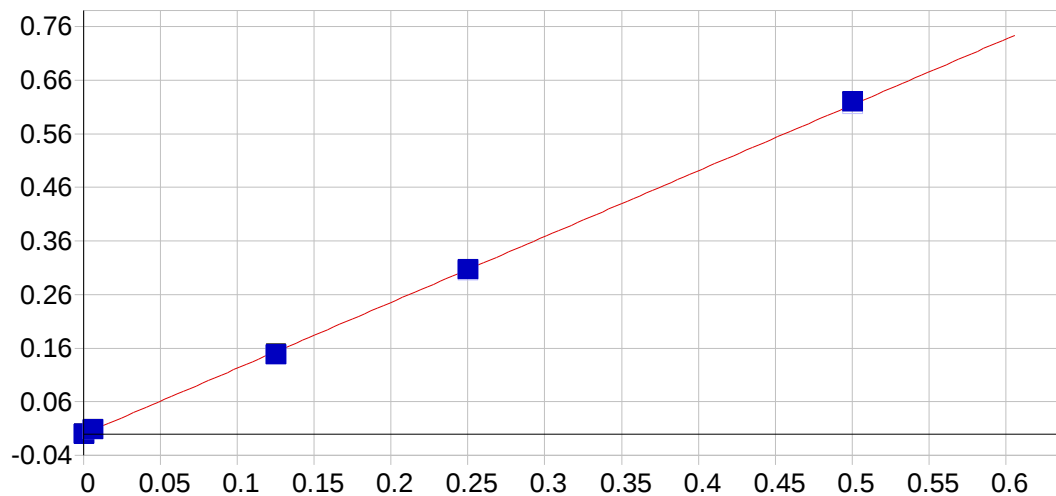


Ba 493.409 { 68}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003059 Re-Slope: 1.000000
 A1 (Gain): 0.342783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706 Status: OK.
 Std Error of Est: 0.000636
 Predicted MDL: 0.000957
 Predicted MQL: 0.003190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00306	.000	1
S1	.10000	.10605	.006	6.05	.03329	.000	1
S3	5.0000	4.7380	-.262	-5.24	1.6211	.001	1
S5	20.000	20.342	.342	1.71	6.9698	.019	1
S4	10.000	9.9141	-.086	-.859	3.3953	.039	1



Be 234.861 {144}

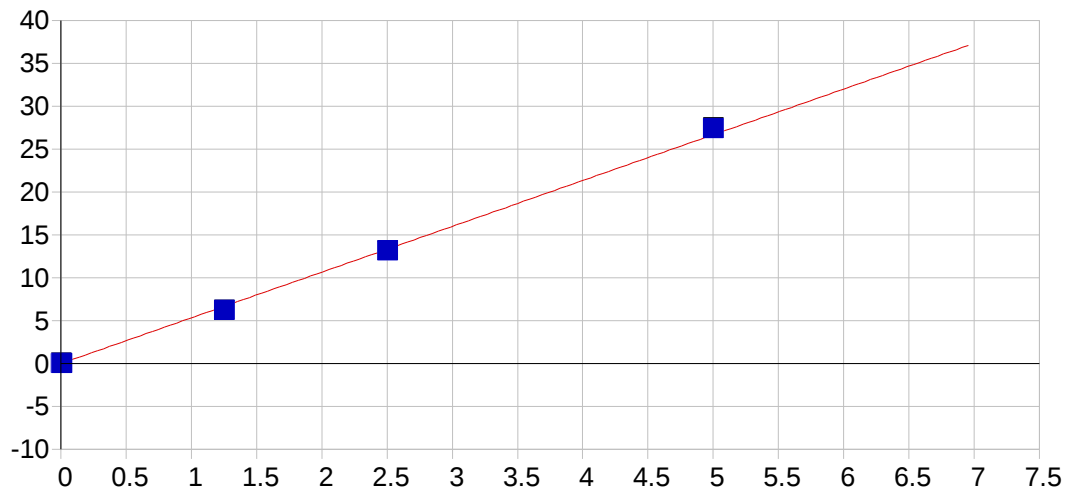
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000345 Re-Slope: 1.000000
 A1 (Gain): 1.228424 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852
 Std Error of Est: 0.000062
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.00600	.00668	.001	11.3	.00778	.000	1
S3	.12500	.12071	-.004	-3.43	.14697	.001	1
S4	.25000	.24957	-.000	-.170	.30431	.001	1
S5	.50000	.50404	.004	.808	.61496	.001	1



Cd 226.502 {449}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

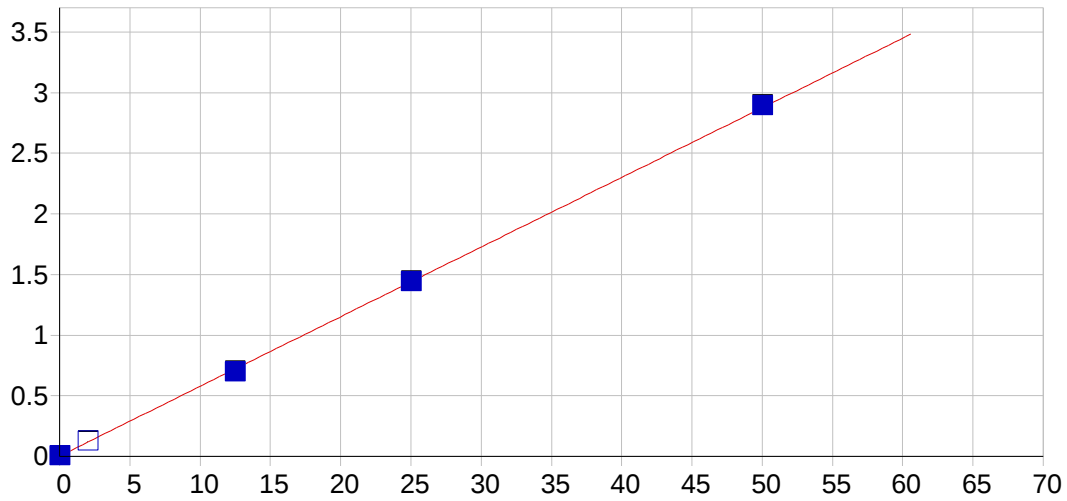
Weighting: 1/Conc

A0 (Offset): -0.002027
 A1 (Gain): 5.334719
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999346
 Std Error of Est: 0.001805
 Predicted MDL: 0.000101
 Predicted MQL: 0.000337

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	-.00202	.000	1
S1	.00600	.00593	-.000	-1.14	.02968	.001	1
S3	1.2500	1.1559	-.094	-7.53	6.1657	.029	1
S4	2.5000	2.4585	-.042	-1.66	13.116	.030	1
S5	5.0000	5.1357	.136	2.71	27.402	.059	1

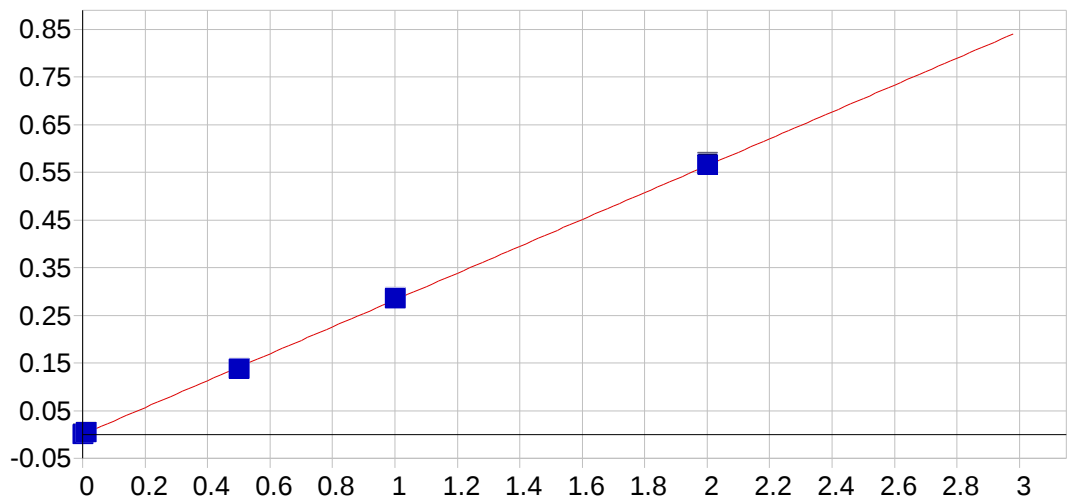


Ca 373.690 { 90}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003303 Re-Slope: 1.000000
 A1 (Gain): 0.057435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000518
 Predicted MDL: 0.030390
 Predicted MQL: 0.101301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1242	.124	6.21	.12531	.001	1
S0	.00000	-.00007	-.000	.000	.00330	.001	1
S3	12.500	12.069	-.431	-3.45	.69688	.006	1
S4	25.000	24.998	-.002	-.007	1.4398	.004	1
S5	50.000	50.308	.308	.617	2.8943	.006	1



Cr 267.716 {126}

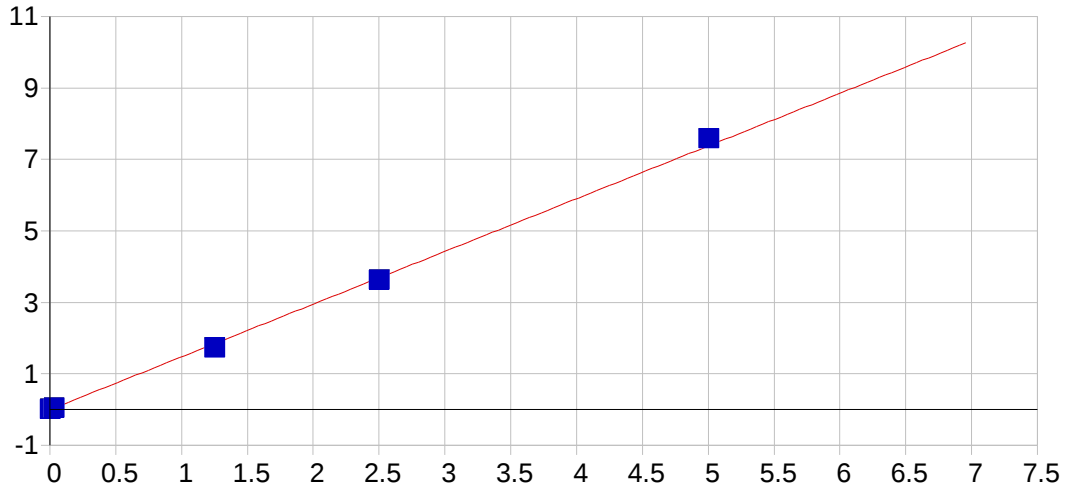
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.281931 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000031
 Predicted MDL: 0.000525
 Predicted MQL: 0.001749

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01000	.01155	.002	15.5	.00342	.000	1
S3	.50000	.48563	-.014	-2.87	.13817	.000	1
S4	1.0000	1.0083	.008	.826	.28662	.000	1
S5	2.0000	2.0046	.005	.228	.56973	.001	1



Co 228.616 {447}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

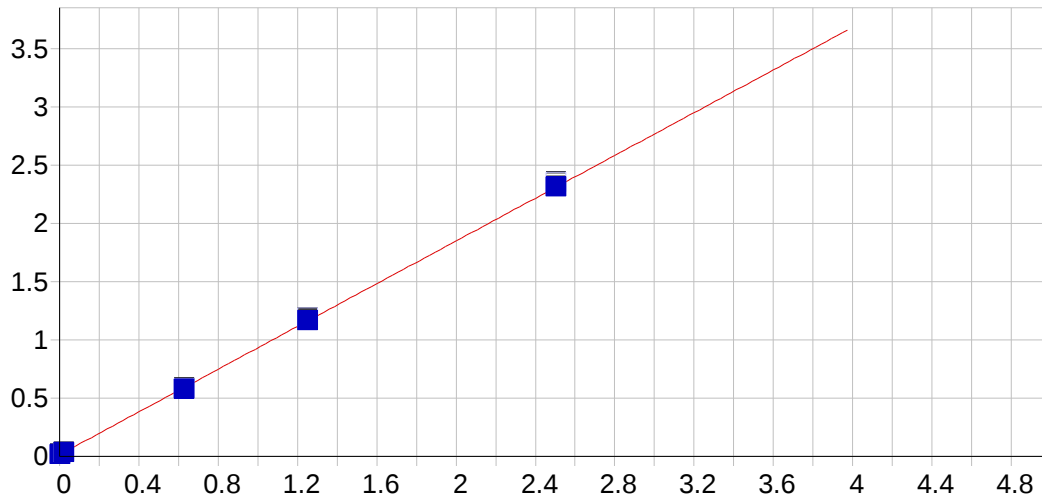
Weighting: 1/Conc

A0 (Offset): -0.000397
 A1 (Gain): 1.475245
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999430
 Std Error of Est: 0.001044
 Predicted MDL: 0.000305
 Predicted MQL: 0.001015

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	-.00039	.001	1
S1	.03000	.02903	-.001	-3.23	.04213	.000	1
S3	1.2500	1.1662	-.084	-6.71	1.7215	.002	1
S4	2.5000	2.4528	-.047	-1.89	3.6210	.007	1
S5	5.0000	5.1320	.132	2.64	7.5763	.009	1

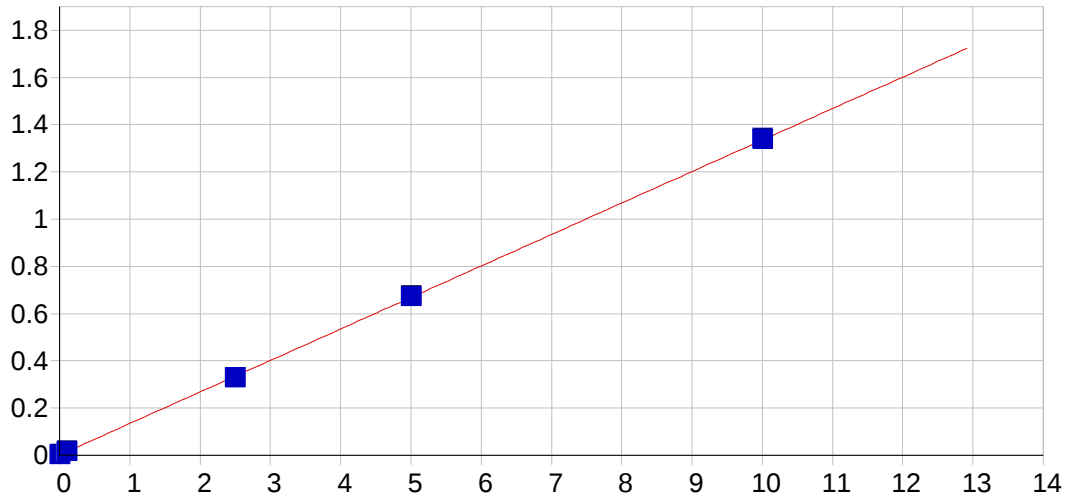


Cu 224.700 {450}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015060 Re-Slope: 1.000000
 A1 (Gain): 0.916898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.000562
 Predicted MQL: 0.001873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01506	.000	1
S1	.02000	.02198	.002	9.90	.03550	.000	1
S3	.62500	.61126	-.014	-2.20	.58478	.001	1
S4	1.2500	1.2544	.004	.354	1.1838	.002	1
S5	2.5000	2.5073	.007	.293	2.3511	.006	1



Fe 240.488 {140}

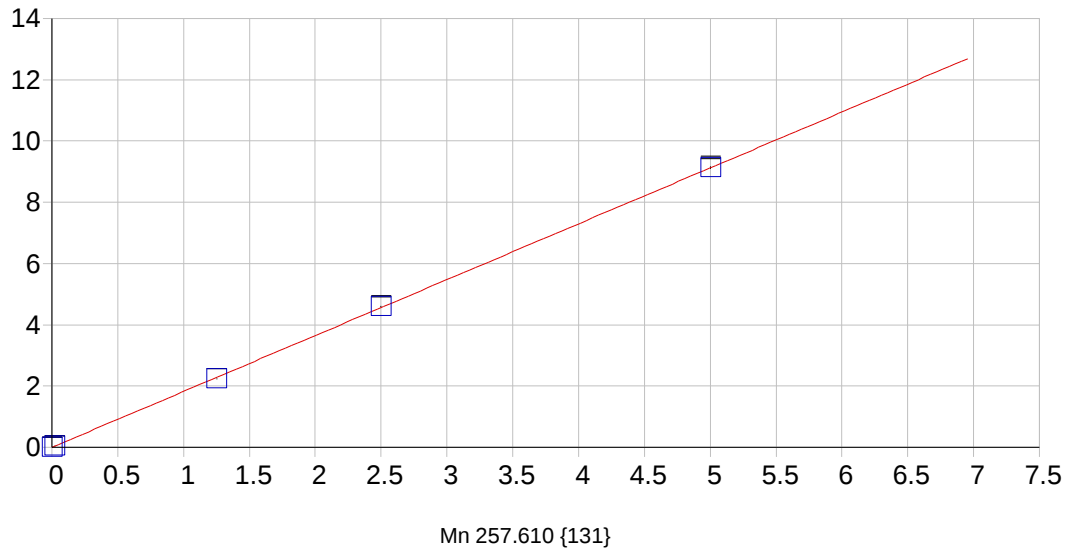
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001692 Re-Slope: 1.000000
 A1 (Gain): 0.133325 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000098
 Predicted MDL: 0.000953
 Predicted MQL: 0.003176

Status: OK.

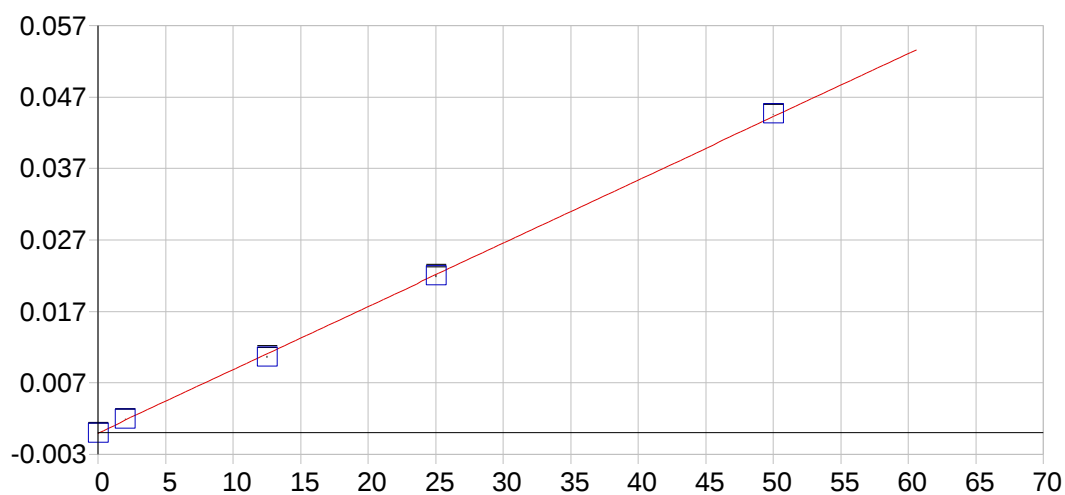
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00169	.000	1
S1	.10000	.11261	.013	12.6	.01677	.000	1
S3	2.5000	2.4394	-.061	-2.42	.32817	.001	1
S4	5.0000	5.0188	.019	.377	.67332	.001	1
S5	10.000	10.029	.029	.291	1.3438	.001	1



Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000267 Re-Slope: 1.000000
 A1 (Gain): 1.824233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000357
 Predicted MDL: 0.000082
 Predicted MQL: 0.000273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.02000	.02337	.003	16.9	.04290	.000	1
S3	1.2500	1.2261	-.024	-1.91	2.2370	.009	1
S4	2.5000	2.5174	.017	.697	4.5926	.025	1
S5	5.0000	5.0031	.003	.062	9.1271	.045	1

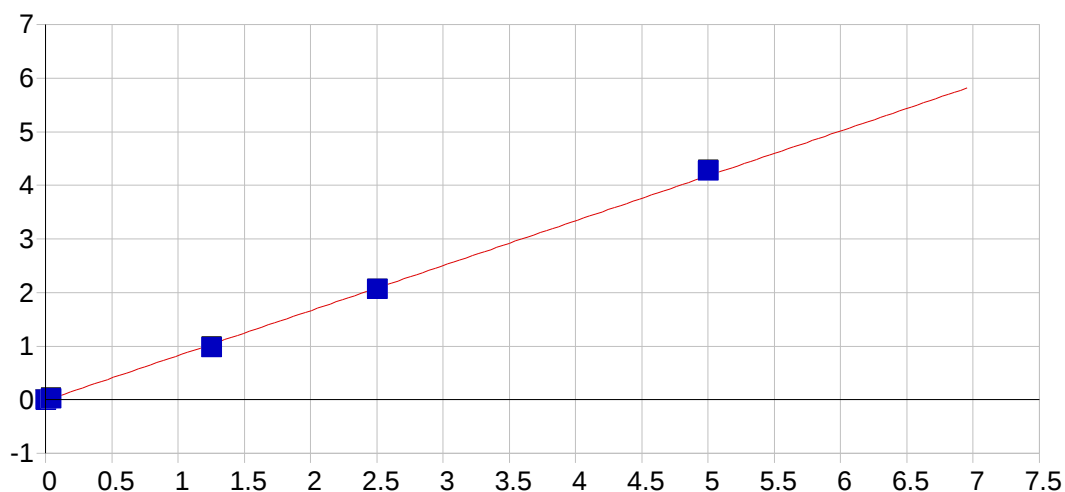


Mg 279.079 {121}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.000885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.068371
 Predicted MQL: 0.227903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1775	.178	8.88	.00192	.000	1
S0	.00000	-.00011	-.000	.000	-.00001	.000	1
S3	12.500	12.040	-.460	-3.68	.01065	.000	1
S4	25.000	24.863	-.137	-.547	.02199	.000	1
S5	50.000	50.420	.420	.839	.04461	.000	1



Ni 231.604 {445}

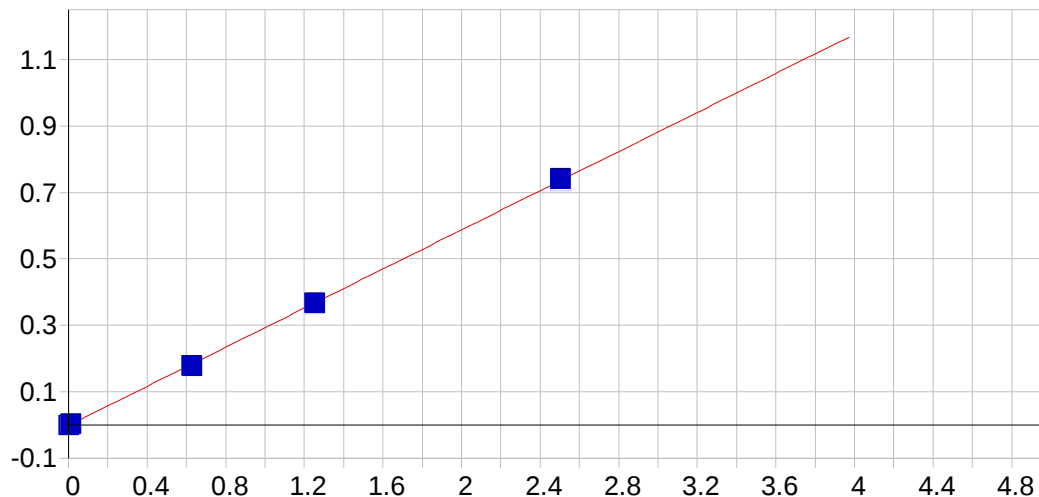
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013577 Re-Slope: 1.000000
 A1 (Gain): 0.838019 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599
 Std Error of Est: 0.000575
 Predicted MDL: 0.000567
 Predicted MQL: 0.001890

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01358	.000	1
S1	.04000	.04091	.001	2.27	.02072	.000	1
S3	1.2500	1.1772	-.073	-5.82	.97407	.003	1
S4	2.5000	2.4645	-.036	-1.42	2.0540	.005	1
S5	5.0000	5.1074	.107	2.15	4.2711	.009	1



Ag 328.068 {103}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

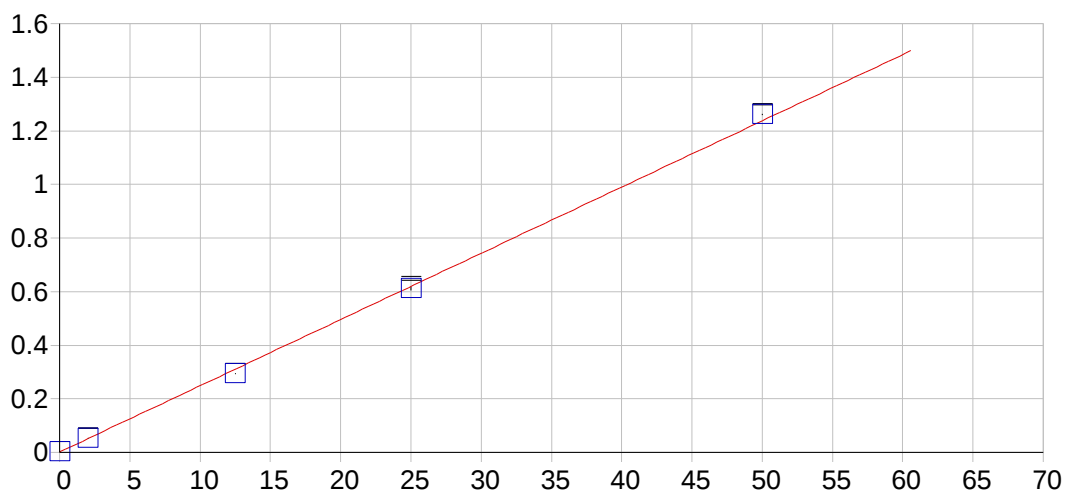
Weighting: 1/Conc

A0 (Offset): -0.001174
 A1 (Gain): 0.294283
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000033
 Predicted MDL: 0.000838
 Predicted MQL: 0.002794

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	-.00117	.000	1
S1	.01000	.01050	.000	4.96	.00186	.000	1
S3	.62500	.60634	-.019	-2.99	.17517	.000	1
S4	1.2500	1.2480	-.002	-.158	.36191	.001	1
S5	2.5000	2.5201	.020	.806	.73209	.002	1

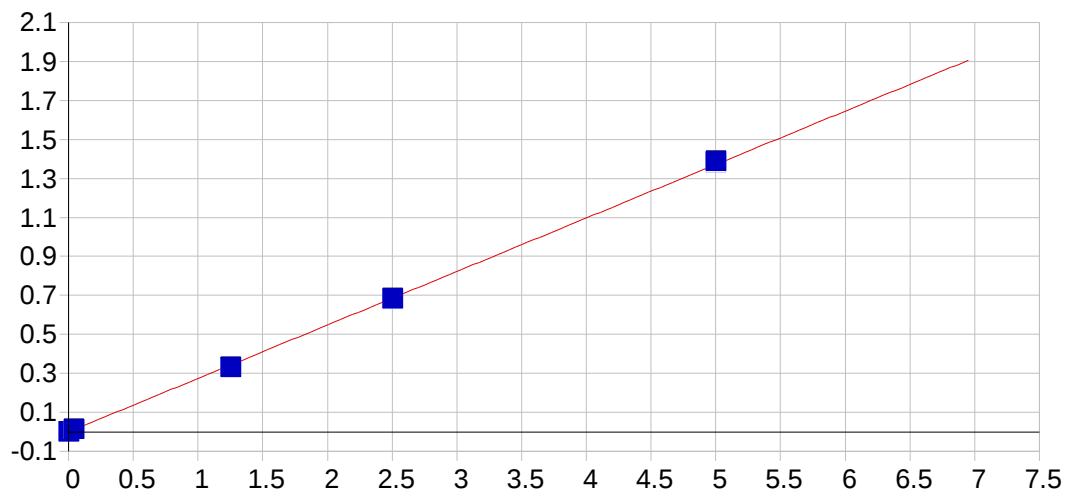


Na 589.592 { 57}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001493 Re-Slope: 1.000000
 A1 (Gain): 0.024714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.017602
 Predicted MQL: 0.058675

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0574	.057	2.87	.05234	.000	1
S0	.00000	.00004	.000	.000	.00149	.000	1
S3	12.500	11.802	-.698	-5.58	.29318	.001	1
S4	25.000	24.691	-.309	-1.24	.61172	.008	1
S5	50.000	50.949	.949	1.90	1.2607	.003	1



V 292.402 {115}

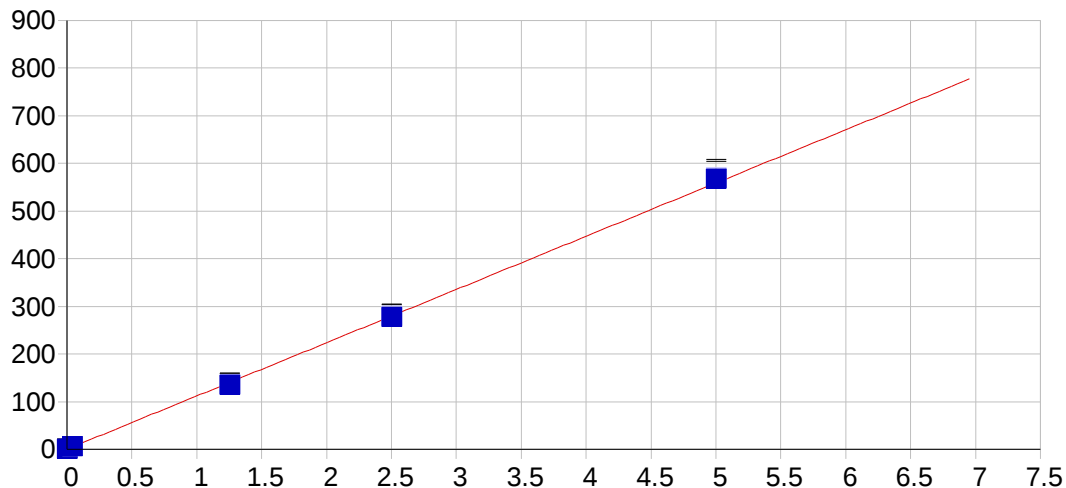
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000475 Re-Slope: 1.000000
 A1 (Gain): 0.274346 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000118
 Predicted MDL: 0.000674
 Predicted MQL: 0.002246

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.04000	.04180	.002	4.50	.01082	.000	1
S3	1.2500	1.2001	-.050	-4.00	.32652	.000	1
S4	2.5000	2.4911	-.009	-.358	.67845	.001	1
S5	5.0000	5.0571	.057	1.14	1.3780	.001	1



Zn 206.200 {163}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

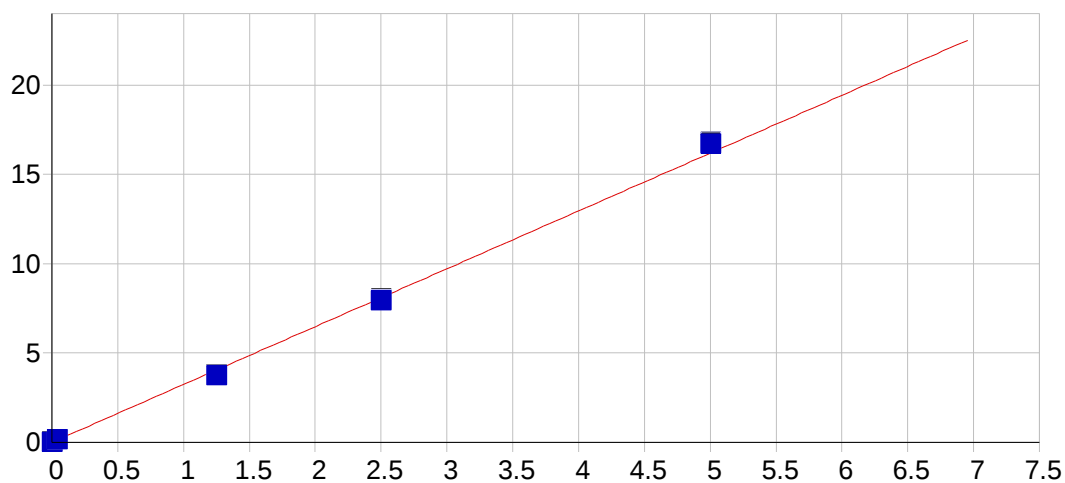
Weighting: 1/Conc

A0 (Offset): 0.275317
 A1 (Gain): 111.738298
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.049704
 Predicted MDL: 0.000378
 Predicted MQL: 0.001260

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	.27528	.101	1
S1	.04000	.04161	.002	4.02	4.9540	.183	1
S3	1.2500	1.2029	-.047	-3.77	135.53	3.09	1
S4	2.5000	2.4774	-.023	-.906	278.78	5.26	1
S5	5.0000	5.0681	.068	1.36	569.96	16.7	1

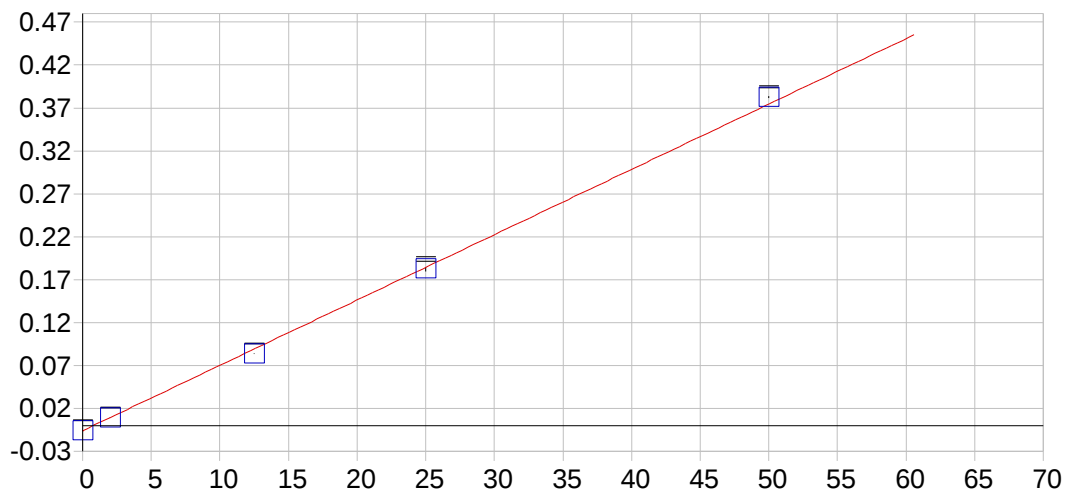


Zn 213.856 {458}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006630 Re-Slope: 1.000000
 A1 (Gain): 3.236595 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999221 Status: OK.
 Std Error of Est: 0.003112
 Predicted MDL: 0.000116
 Predicted MQL: 0.000386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00664	.001	1
S1	.04000	.03866	-.001	-3.34	.13267	.001	1
S3	1.2500	1.1495	-.100	-8.04	3.7529	.026	1
S4	2.5000	2.4485	-.051	-2.06	7.9832	.027	1
S5	5.0000	5.1533	.153	3.07	16.789	.025	1



K 766.490 {44}

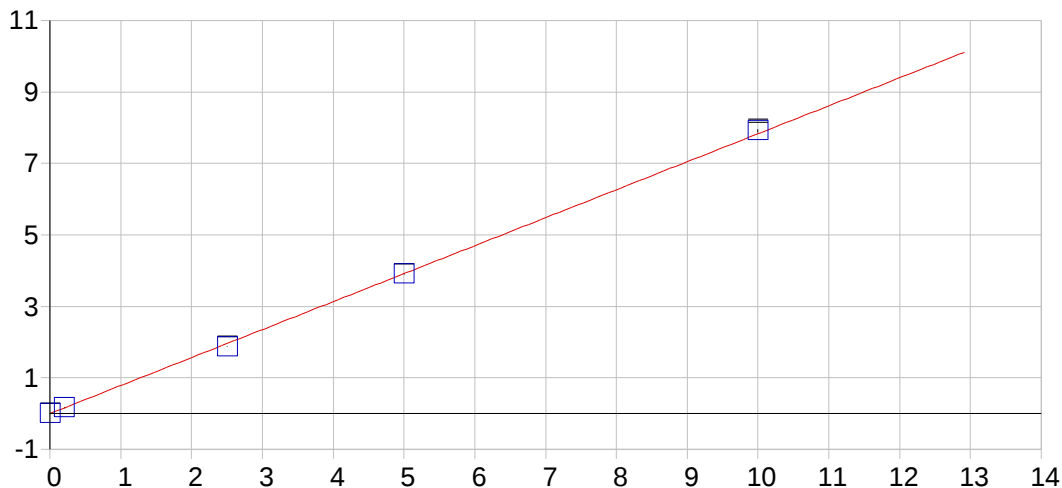
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005973 Re-Slope: 1.000000
 A1 (Gain): 0.007611 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623
 Std Error of Est: 0.000114
 Predicted MDL: 0.068763
 Predicted MQL: 0.229210

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9645	-.035	-1.77	.00898	.000	1
S0	.00000	.00013	.000	.000	-.00597	.000	1
S3	12.500	11.775	-.725	-5.80	.08364	.000	1
S4	25.000	24.721	-.279	-1.11	.18217	.002	1
S5	50.000	51.039	1.04	2.08	.38247	.001	1



Mo 202.030 {467}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

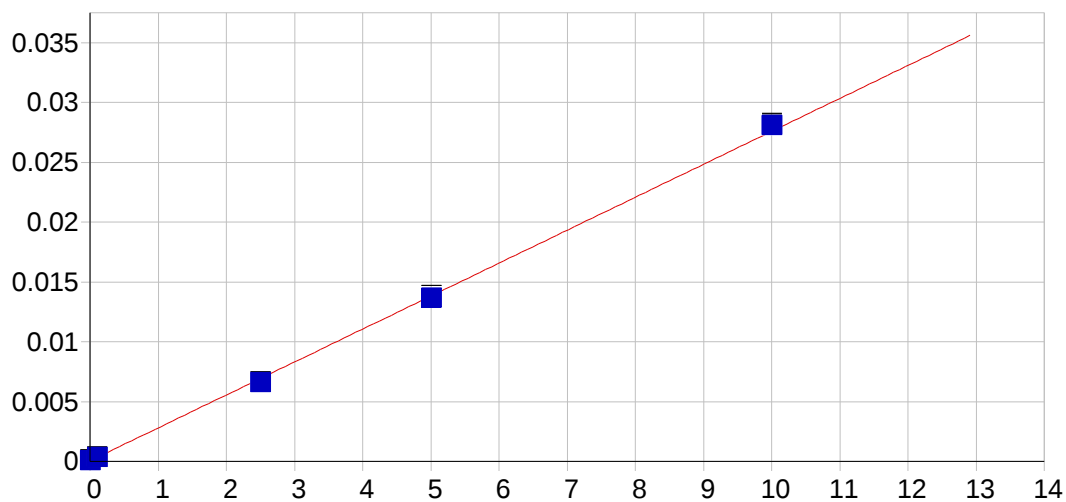
Weighting: 1/Conc

A0 (Offset): -0.000134
 A1 (Gain): 0.783071
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807
 Std Error of Est: 0.001182
 Predicted MDL: 0.000405
 Predicted MQL: 0.001350

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	-.00014	.000	1
S1	.20000	.21239	.012	6.19	.16618	.001	1
S3	2.5000	2.3888	-.111	-4.45	1.8705	.011	1
S4	5.0000	4.9927	-.007	-.146	3.9095	.003	1
S5	10.000	10.106	.106	1.06	7.9137	.041	1

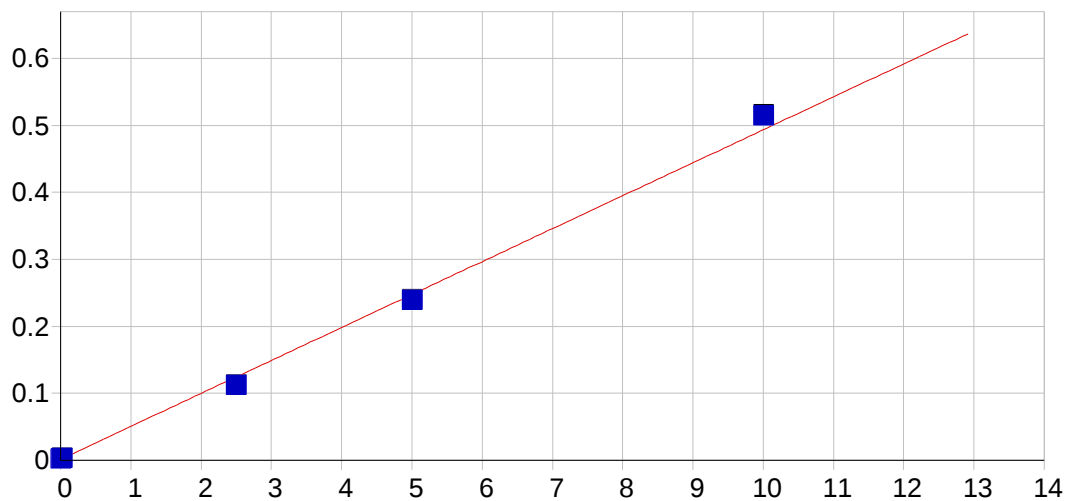


B 249.678 {135}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.002754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.018137
 Predicted MQL: 0.060458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00005	.000	1
S1	.10000	.09882	-.001	-1.18	.00032	.000	1
S3	2.5000	2.3721	-.128	-5.12	.00657	.000	1
S4	5.0000	4.9442	-.056	-1.12	.01364	.000	1
S5	10.000	10.185	.185	1.85	.02804	.000	1



S 182.034 {485}

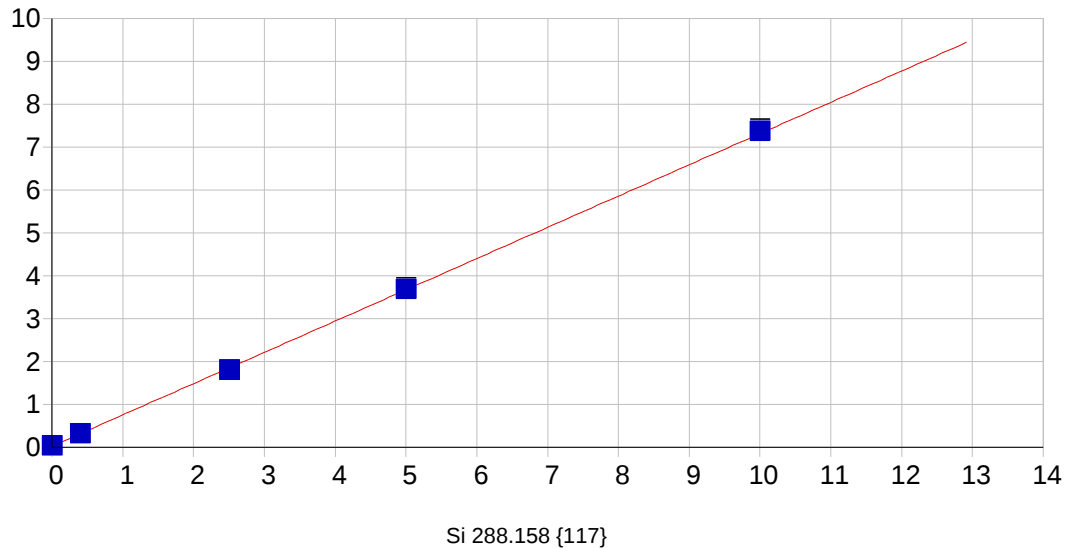
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001502 Re-Slope: 1.000000
 A1 (Gain): 0.049208 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998568
 Std Error of Est: 0.000064
 Predicted MDL: 0.004107
 Predicted MQL: 0.013691

Status: OK.

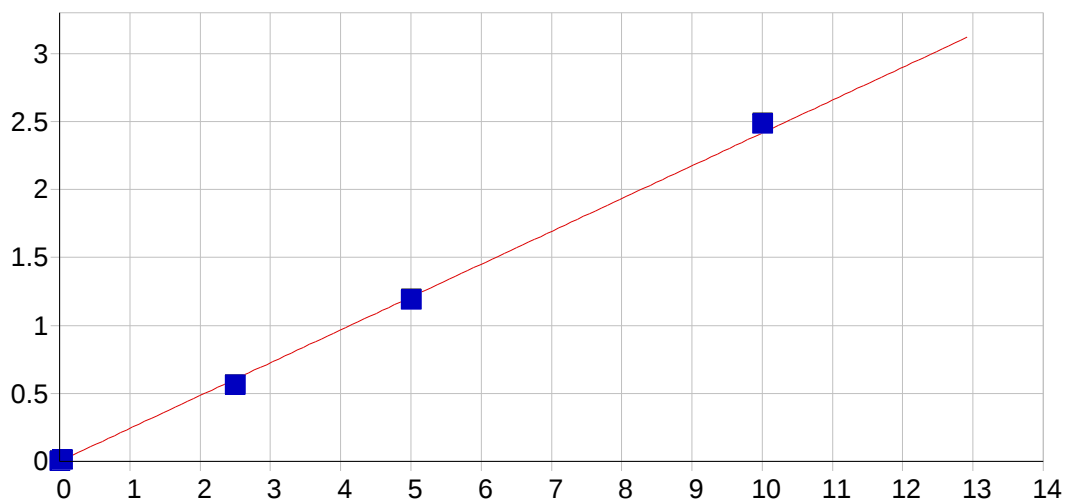
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00150	.000	1
S1	.02000	.01922	-.001	-3.88	.00242	.000	1
S3	2.5000	2.2447	-.255	-10.2	.11182	.000	1
S4	5.0000	4.8291	-.171	-3.42	.23886	.001	1
S5	10.000	10.427	.427	4.27	.51404	.001	1



Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.026682 Re-Slope: 1.000000
 A1 (Gain): 0.729042 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000983
 Predicted MDL: 0.003341
 Predicted MQL: 0.011138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02669	.001	1
S1	.40000	.39398	-.006	-1.50	.31367	.002	1
S3	2.5000	2.4265	-.073	-2.94	1.7948	.010	1
S4	5.0000	5.0121	.012	.243	3.6788	.032	1
S5	10.000	10.067	.067	.673	7.3623	.049	1

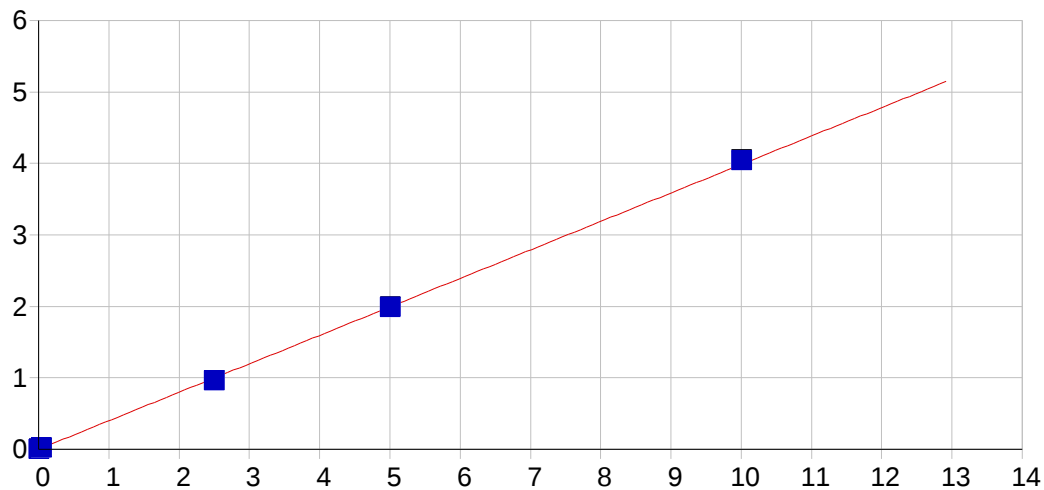


Sn 189.989 {477}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001410 Re-Slope: 1.000000
 A1 (Gain): 0.241432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999367 Status: OK.
 Std Error of Est: 0.000294
 Predicted MDL: 0.000881
 Predicted MQL: 0.002936

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00141	.000	1
S1	.04000	.03901	-.001	-2.47	.01083	.000	1
S3	2.5000	2.3161	-.184	-7.36	.56070	.000	1
S4	5.0000	4.9154	-.085	-1.69	1.1884	.002	1
S5	10.000	10.269	.269	2.69	2.4812	.004	1



Ti 336.121 {100}

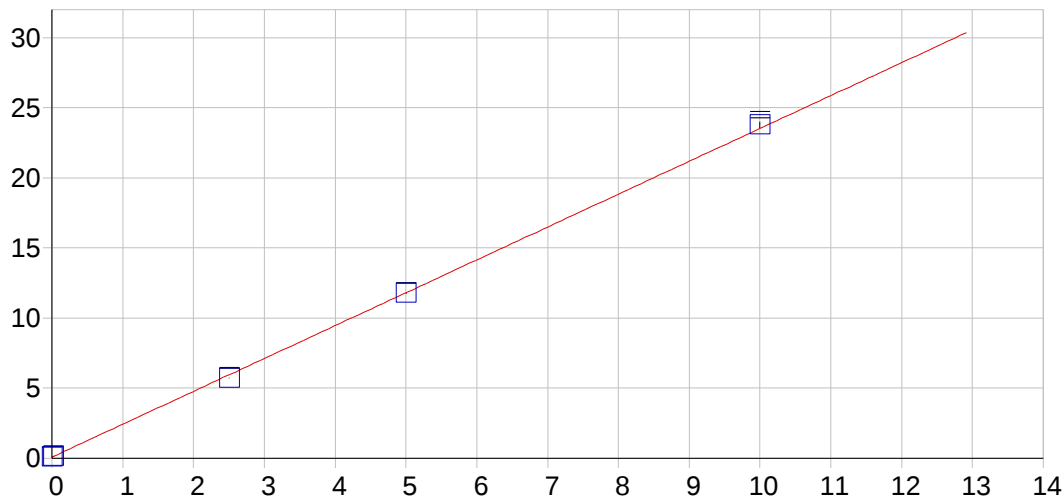
Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001069 Re-Slope: 1.000000
 A1 (Gain): 0.398408 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810
 Std Error of Est: 0.000265
 Predicted MDL: 0.003314
 Predicted MQL: 0.011045

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00107	.001	1
S1	.04000	.04324	.003	8.11	.01829	.001	1
S3	2.5000	2.3923	-.108	-4.31	.95405	.007	1
S4	5.0000	4.9764	-.024	-.473	1.9834	.005	1
S5	10.000	10.128	.128	1.28	4.0357	.016	1



Li 670.784 { 50}

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

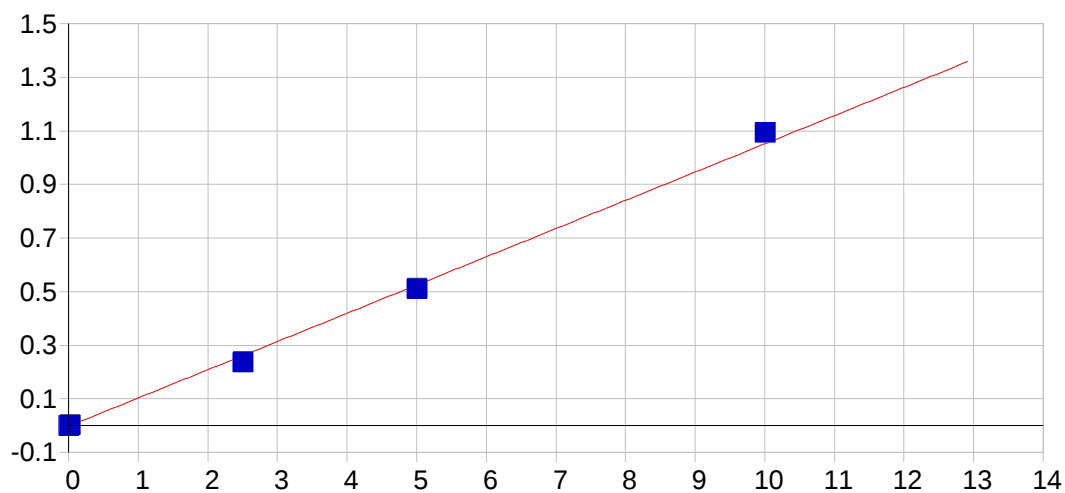
Weighting: 1/Conc

A0 (Offset): 0.088509
 A1 (Gain): 2.343972
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000958
 Predicted MDL: 0.002629
 Predicted MQL: 0.008765

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	.08851	.004	1
S1	.02000	.01858	-.001	-7.09	.13206	.001	1
S3	2.5000	2.4038	-.096	-3.85	5.7229	.023	1
S4	5.0000	4.9889	-.011	-.221	11.782	.007	1
S5	10.000	10.109	.109	1.09	23.783	.230	1

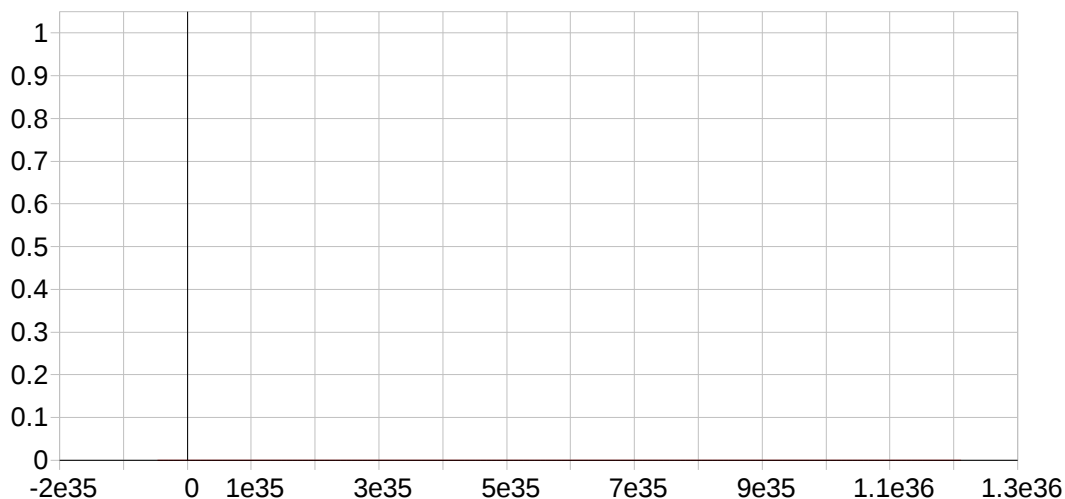


P 177.495 {490}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002358 Re-Slope: 1.000000
 A1 (Gain): 0.105352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998767 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.002030
 Predicted MQL: 0.006765

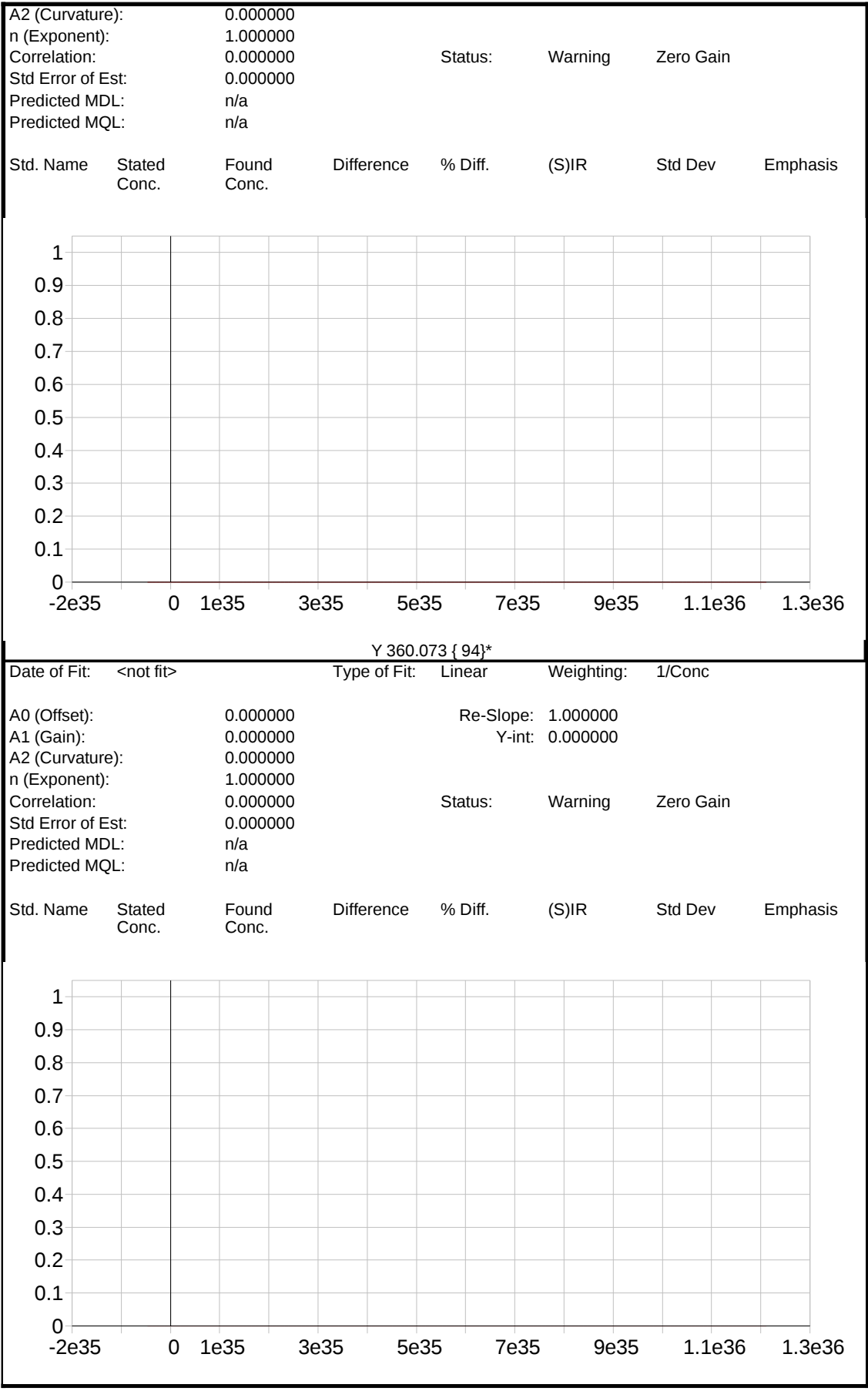
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00236	.000	1
S1	.02000	.01925	-.001	-3.74	-.00034	.000	1
S3	2.5000	2.2534	-.247	-9.87	.23466	.001	1
S4	5.0000	4.8609	-.139	-2.78	.50899	.001	1
S5	10.000	10.386	.386	3.86	1.0904	.001	1

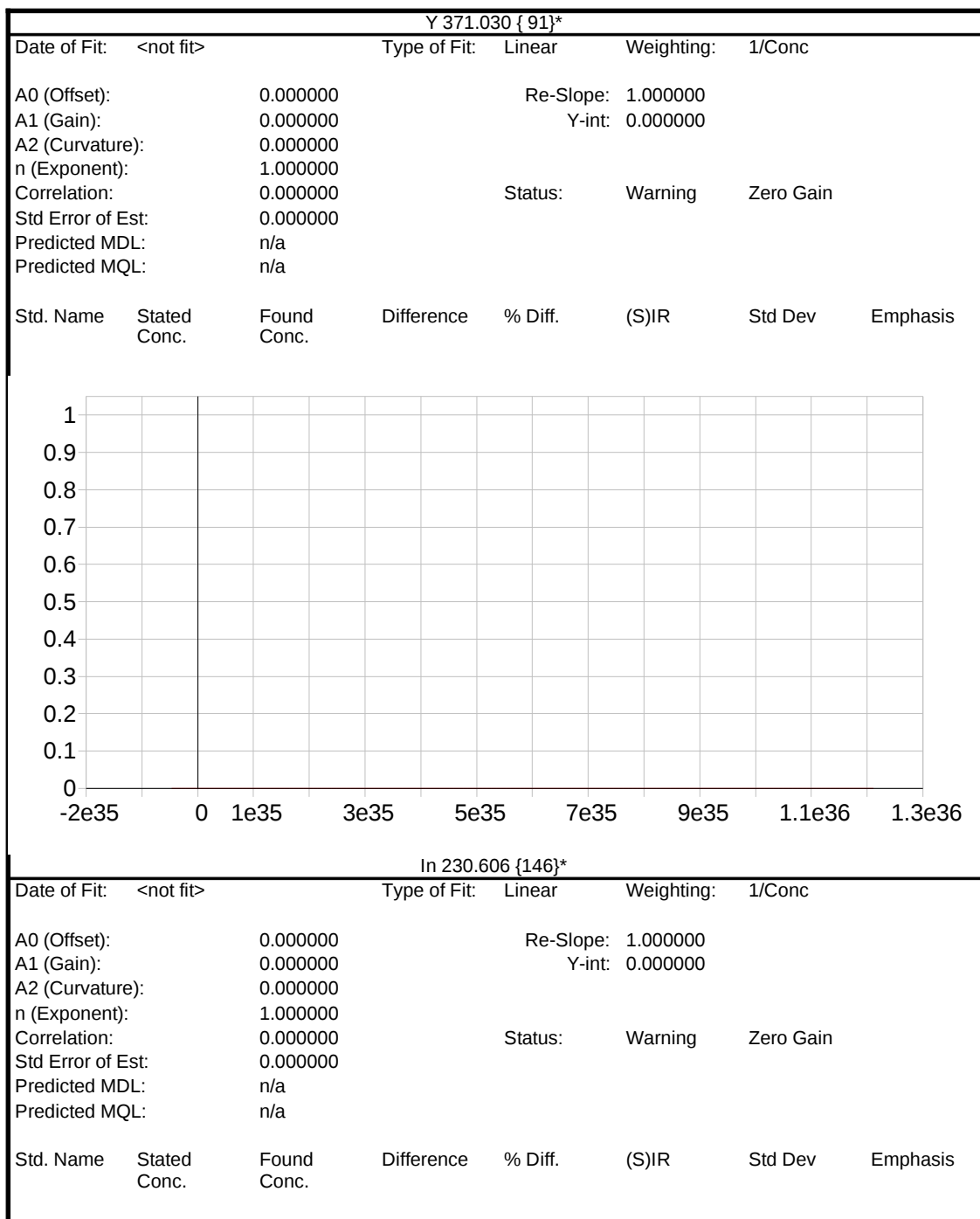


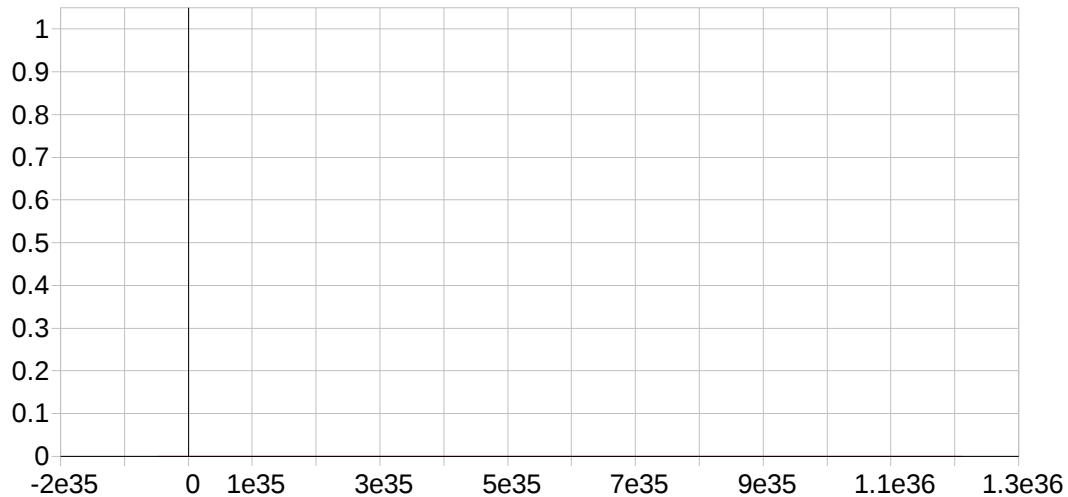
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

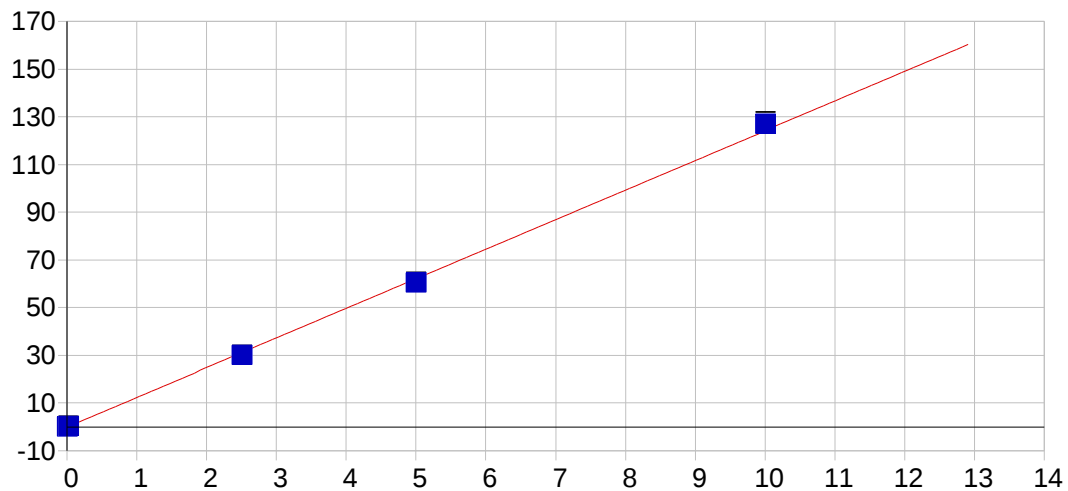
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001840

Re-Slope: 1.000000

A1 (Gain): 12.414134

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999649

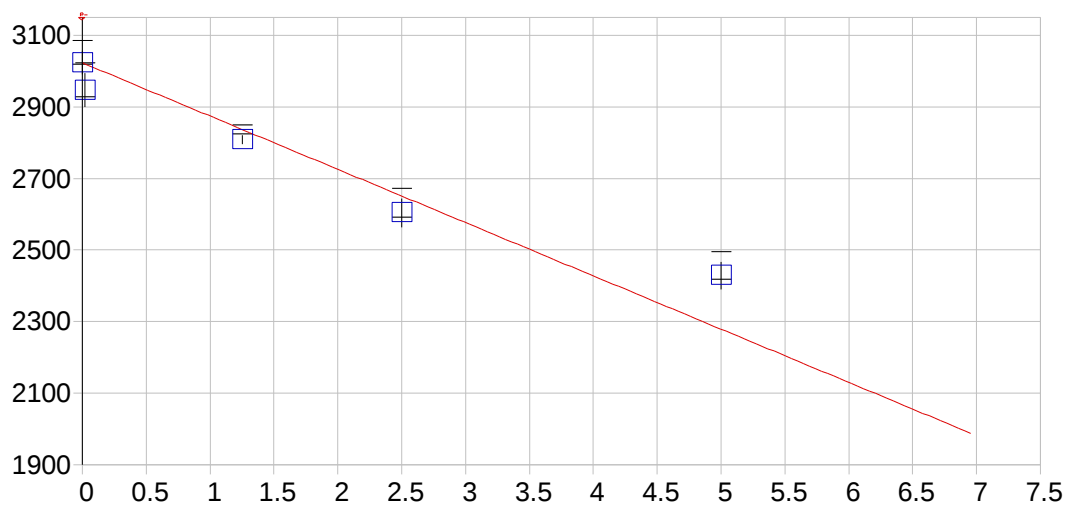
Status: OK.

Std Error of Est: 0.007955

Predicted MDL: 0.000189

Predicted MQL: 0.000630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00186	.002	1
S1	.02000	.02231	.002	11.5	.27643	.002	1
S3	2.5000	2.4078	-.092	-3.69	29.923	.168	1
S4	5.0000	4.8653	-.135	-2.69	60.465	.043	1
S5	10.000	10.225	.225	2.25	127.06	.689	1



Date of Fit: 7/25/2019 16:38:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 3023.198592

Re-Slope: 1.000000

A1 (Gain): -148.838185

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.642183

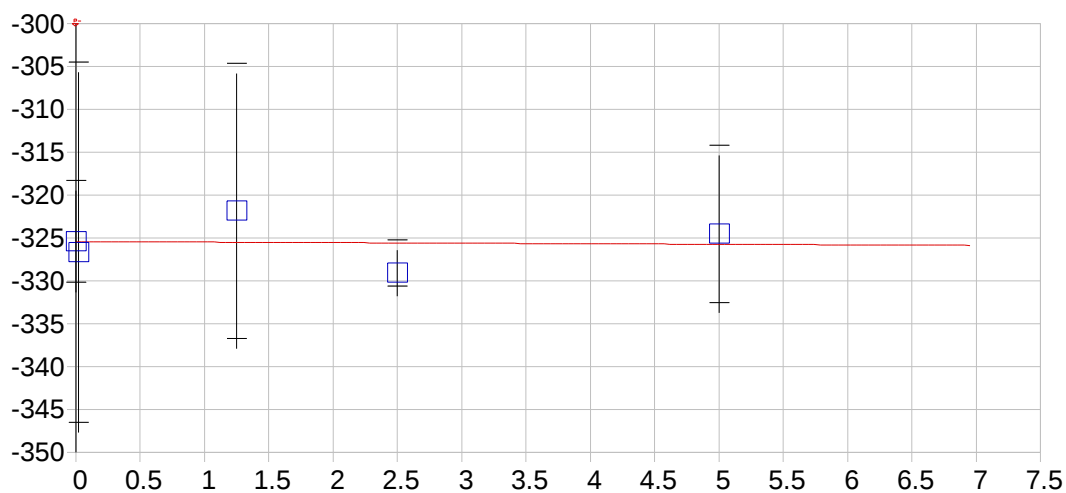
Status: Warning Negative Gain

Std Error of Est: 3.036024

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.000	.000	3023.3	33.2	1
S1	.02000	.51417	.494	2470.	2946.7	47.4	1
S3	1.2500	1.4442	.194	15.5	2808.2	13.0	1
S4	2.5000	2.8174	.317	12.7	2603.9	39.8	1
S5	5.0000	3.9943	-1.01	-20.1	2428.7	38.5	1



U 385.958 { 87}

Date of Fit: 7/25/2019 16:38:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -325.415383 Re-Slope: 1.000000

A1 (Gain): -0.063862 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.019122

Status: Warning Negative Gain

Std Error of Est: 0.057061

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.01949	-.019	.000	-325.41	5.93	1
S1	.02000	20.054	20.0	100000.	-326.70	21.0	1
S3	1.2500	-55.669	-56.9	-4550.	-321.86	16.1	1
S4	2.5000	57.909	55.4	2220.	-329.11	2.71	1
S5	5.0000	-13.524	-18.5	-370.	-324.55	9.16	1

Sample Name: S0 Acquired: 7/25/2019 11:43:10 Type: Cal

Method: P4-ICP2(v3287) 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	-.00008	-.00126	.00958	.00007	.00083	.00106	-.00306	-.00035
Stddev	.00008	.00005	.00051	.00017	.00028	.00010	.00021	.00004
%RSD	101.01	4.2315	5.3354	240.33	33.342	9.1737	7.0040	11.045

#1	.00001	-.00121	.00985	-.00009	.00097	.00113	-.00316	-.00039
#2	-.00014	-.00125	.00899	.00005	.00100	.00111	-.00281	-.00033
#3	-.00012	-.00132	.00990	.00025	.00051	.00095	-.00321	-.00032

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	-.00202	.00330	.00015	-.00039	.01506	.00169	.00026	-.00001
Stddev	.00011	.00051	.00019	.00078	.00024	.00005	.00014	.00002
%RSD	5.2198	15.575	131.75	199.65	1.5762	2.8719	52.100	309.28

#1	-.00199	.00275	.00024	.00047	.01533	.00164	.00011	-.00003
#2	-.00194	.00337	-.00008	-.00105	.01490	.00173	.00031	.00002
#3	-.00214	.00377	.00027	-.00060	.01494	.00171	.00037	-.00001

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	-.01358	-.00117	.00149	-.00048	.00664	-.00597	-.00014	.00005
Stddev	.00022	.00016	.00017	.00016	.00056	.00030	.00018	.00004
%RSD	1.6417	13.237	11.573	34.285	8.4007	5.0496	128.32	87.233

#1	-.01382	-.00107	.00142	-.00064	.00715	-.00631	-.00010	.00004
#2	-.01338	-.00110	.00137	-.00047	.00674	-.00573	.00002	.00009
#3	-.01353	-.00135	.00169	-.00031	.00604	-.00588	-.00033	.00001

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	.00150	.02669	.00141	.00107	.08851	-.0024	-.00186	3023.3
Stddev	.00006	.00108	.00019	.00073	.00427	.0000	.00231	33.2
%RSD	4.3202	4.0343	13.555	68.117	4.8196	1.583	124.49	1.0989

#1	.00143	.02615	.00163	.00153	.09246	-.0024	-.00337	3023.9
#2	.00151	.02793	.00132	.00023	.08399	-.0023	.00081	2989.7
#3	.00156	.02599	.00129	.00145	.08909	-.0023	-.00301	3056.2

Sample Name: S0 Acquired: 7/25/2019 11:43:10 Type: Cal
Method: P4-ICP2(v3287) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-325.41
Stddev	5.93
%RSD	1.8226

#1	-331.14
#2	-325.80
#3	-319.30

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.8	26501.	1760.5	30.505	2271.4
Stddev	3.0	88.	5.4	.253	4.0
%RSD	.14164	.33160	.30871	.82833	.17642

#1	2091.2	26401.	1754.2	30.766	2275.0
#2	2089.6	26566.	1763.9	30.489	2267.0
#3	2085.5	26536.	1763.4	30.261	2272.1

Sample Name: S1 Acquired: 7/25/2019 11:47:35 Type: Cal
Method: P4-ICP2(v3287) 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	.00121	.00726	.01315	.00174	.00983	.00203	.03329	.00778
Stddev	.00006	.00017	.00011	.00019	.00038	.00002	.00049	.00012
%RSD	4.7120	2.2969	.86621	11.034	3.8296	1.1218	1.4714	1.5232

#1	.00128	.00708	.01311	.00195	.01003	.00205	.03273	.00776
#2	.00118	.00733	.01305	.00158	.00939	.00203	.03364	.00767
#3	.00117	.00739	.01327	.00168	.01006	.00200	.03350	.00791

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	.02968	.00342	.04213	.03550	.01677	.04290	.02072	.00186
Stddev	.00055	.00016	.00032	.00003	.00012	.00016	.00023	.00018
%RSD	1.8429	4.7029	.74796	.09780	.72006	.36562	1.1107	9.8589

#1	.03031	.00360	.04217	.03550	.01664	.04284	.02046	.00165
#2	.02930	.00333	.04180	.03546	.01681	.04278	.02083	.00200
#3	.02942	.00331	.04243	.03553	.01687	.04308	.02088	.00192

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	.01082	.13267	.16618	.00032	.00242	.31367	.01083	.01829
Stddev	.00017	.00069	.00088	.00005	.00007	.00202	.00010	.00142
%RSD	1.6048	.51937	.53149	14.570	2.7740	.64335	.93281	7.7686

#1	.01070	.13188	.16575	.00036	.00240	.31600	.01073	.01899
#2	.01074	.13301	.16559	.00027	.00249	.31245	.01093	.01922
#3	.01102	.13312	.16720	.00032	.00236	.31256	.01083	.01665

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13206	-.0003	.27643	2946.7	-326.70
Stddev	.00082	.0001	.00183	47.4	20.99
%RSD	.62203	32.13	.66218	1.6075	6.4248

#1	.13216	-.0002	.27785	2936.3	-311.73
#2	.13120	-.0004	.27706	2905.3	-350.69
#3	.13283	-.0003	.27436	2998.4	-317.67

Sample Name: S1 Acquired: 7/25/2019 11:47:35 Type: Cal
 Method: P4-ICP2(v3287) 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	2086.8	26407.	1772.1	30.558	2272.3
Stddev	4.6	129.	21.2	1.082	3.4
%RSD	.21864	.48809	1.1962	3.5396	.15091
#1	2081.6	26319.	1748.3	29.598	2271.0
#2	2088.7	26555.	1779.0	31.730	2269.7
#3	2090.1	26346.	1788.9	30.345	2276.2

Sample Name: S2 Acquired: 7/25/2019 11:52:01 Type: Cal
 Method: P4-ICP2(v3287) 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	.12531	.00192	.05234	.00898
Stddev	.00139	.00002	.00036	.00044
%RSD	1.1081	1.2545	.68988	4.9305

#1	.12438	.00189	.05272	.00856
#2	.12464	.00194	.05231	.00894
#3	.12690	.00193	.05200	.00944

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	26341.	1769.1
Stddev	145.	9.7
%RSD	.54876	.55102

#1	26179.	1758.1
#2	26389.	1772.7
#3	26456.	1776.5

Sample Name: S3 Acquired: 7/25/2019 11:56:16 Type: Cal
Method: P4-ICP2(v3287) 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	.16740	.50489	.91875	.19994	.39020	.03753	1.6211	.14697
Stddev	.00023	.00044	.00092	.00036	.00088	.00029	.0006	.00069
%RSD	.14036	.08763	.10017	.17893	.22465	.76479	.03568	.47128

#1	.16760	.50442	.91802	.19956	.39122	.03786	1.6212	.14758
#2	.16714	.50530	.91979	.20027	.38967	.03734	1.6204	.14712
#3	.16746	.50496	.91845	.19999	.38972	.03740	1.6215	.14622

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	6.1657	.69688	.13817	1.7215	.58478	.32817	2.2370	.01065
Stddev	.0294	.00639	.00033	.0024	.00124	.00051	.0085	.00011
%RSD	.47719	.91720	.23898	.13879	.21236	.15662	.38160	1.0260

#1	6.1318	.69963	.13783	1.7187	.58403	.32876	2.2442	.01073
#2	6.1813	.70143	.13849	1.7229	.58410	.32789	2.2392	.01069
#3	6.1842	.68957	.13818	1.7228	.58622	.32786	2.2275	.01052

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	.97407	.17517	.29318	.32652	3.7529	.08364	1.8705	.00657
Stddev	.00291	.00022	.00056	.00014	.0260	.00042	.0108	.00006
%RSD	.29857	.12769	.19225	.04290	.69308	.50342	.57884	.97111

#1	.97275	.17491	.29268	.32639	3.7237	.08407	1.8580	.00659
#2	.97741	.17528	.29379	.32649	3.7736	.08363	1.8766	.00661
#3	.97206	.17532	.29308	.32667	3.7616	.08322	1.8768	.00649

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	.11182	1.7948	.56070	.95405	5.7229	.2347	29.923	2808.2
Stddev	.00031	.0104	.00033	.00706	.0227	.0007	.168	13.0
%RSD	.27957	.57975	.05873	.74018	.39750	.2865	.56185	.46432

#1	.11190	1.7875	.56058	.95207	5.7322	.2345	29.903	2812.5
#2	.11209	1.8067	.56107	.96189	5.7395	.2340	30.101	2818.6
#3	.11148	1.7901	.56044	.94818	5.6969	.2354	29.767	2793.6

Sample Name: S3 Acquired: 7/25/2019 11:56:16 Type: Cal
 Method: P4-ICP2(v3287) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-321.86
Stddev	16.07
%RSD	4.9939

#1	-319.82
#2	-338.85
#3	-306.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.4	26104.	1770.6	29.528	2134.2
Stddev	13.5	89.	11.2	.578	13.6
%RSD	.65411	.34238	.63432	1.9563	.63752

#1	2075.9	26005.	1766.2	30.100	2149.7
#2	2053.9	26125.	1762.2	29.539	2124.4
#3	2051.4	26180.	1783.3	28.945	2128.4

Sample Name: S4 Acquired: 7/25/2019 12:00:20 Type: Cal
Method: P4-ICP2(v3287) 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	.34790	1.0614	1.9222	.41188	.81299	.07756	3.3953	.30431
Stddev	.00097	.0007	.0078	.00077	.00041	.00104	.0392	.00059
%RSD	.28004	.06392	.40777	.18785	.04985	1.3470	1.1554	.19263
#1	.34723	1.0608	1.9214	.41103	.81262	.07641	3.3607	.30370
#2	.34901	1.0622	1.9304	.41255	.81293	.07783	3.3873	.30436
#3	.34745	1.0612	1.9148	.41206	.81342	.07845	3.4379	.30487
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	13.116	1.4398	.28662	3.6210	1.1838	.67332	4.5926	.02199
Stddev	.030	.0041	.00043	.0073	.0021	.00132	.0254	.00015
%RSD	.22817	.28305	.14893	.20058	.17553	.19613	.55382	.68129
#1	13.112	1.4379	.28660	3.6147	1.1827	.67182	4.5862	.02187
#2	13.148	1.4371	.28621	3.6289	1.1862	.67383	4.5710	.02195
#3	13.089	1.4445	.28706	3.6193	1.1824	.67430	4.6206	.02216
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	2.0540	.36191	.61172	.67845	7.9832	.18217	3.9095	.01364
Stddev	.0049	.00062	.00753	.00128	.0268	.00242	.0029	.00022
%RSD	.23779	.17187	1.2316	.18840	.33612	1.3297	.07509	1.5818
#1	2.0526	.36253	.60508	.67959	7.9743	.17996	3.9067	.01346
#2	2.0594	.36128	.61016	.67707	8.0133	.18180	3.9125	.01357
#3	2.0499	.36191	.61991	.67870	7.9619	.18476	3.9093	.01388
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	.23886	3.6788	1.1884	1.9834	11.782	.5090	60.465	2603.9
Stddev	.00082	.0325	.0016	.0053	.007	.0007	.043	39.8
%RSD	.34393	.88304	.13728	.26779	.05847	.1428	.07138	1.5289
#1	.23841	3.7093	1.1878	1.9801	11.781	.5082	60.415	2614.5
#2	.23980	3.6825	1.1871	1.9807	11.790	.5096	60.489	2559.8
#3	.23836	3.6446	1.1902	1.9896	11.777	.5092	60.492	2637.3

Sample Name: S4 Acquired: 7/25/2019 12:00:20 Type: Cal
 Method: P4-ICP2(v3287) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-329.11
Stddev	2.71
%RSD	.82403

#1	-326.41
#2	-331.84
#3	-329.09

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.5	25024.	1707.5	28.386	1980.4
Stddev	.8	138.	9.1	.583	4.8
%RSD	.03937	.55157	.53508	2.0544	.24088

#1	1962.3	25119.	1697.6	29.049	1982.7
#2	1961.6	25087.	1709.4	27.954	1974.9
#3	1960.7	24866.	1715.6	28.155	1983.6

Sample Name: S5 Acquired: 7/25/2019 12:04:18 Type: Cal
Method: P4-ICP2(v3287) 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	.71208	2.1941	3.9985	.83346	1.6428	.15731	6.9698	.61496
Stddev	.00279	.0041	.0079	.00292	.0067	.00031	.0189	.00056
%RSD	.39111	.18841	.19659	.34985	.40789	.19597	.27082	.09081

#1	.71499	2.1983	4.0068	.83636	1.6505	.15698	6.9621	.61434
#2	.70944	2.1937	3.9976	.83053	1.6384	.15759	6.9560	.61514
#3	.71182	2.1901	3.9911	.83349	1.6395	.15735	6.9913	.61541

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	27.402	2.8943	.56973	7.5763	2.3511	1.3438	9.1271	.04461
Stddev	.059	.0056	.00065	.0087	.0061	.0008	.0447	.00004
%RSD	.21687	.19525	.11351	.11530	.25835	.06335	.48944	.08595

#1	27.463	2.8935	.57019	7.5811	2.3568	1.3432	9.1433	.04461
#2	27.398	2.9003	.57001	7.5817	2.3447	1.3448	9.1614	.04465
#3	27.344	2.8890	.56899	7.5662	2.3518	1.3434	9.0766	.04457

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	4.2711	.73209	1.2607	1.3780	16.789	.38247	7.9137	.02804
Stddev	.0088	.00167	.0033	.0008	.025	.00108	.0412	.00017
%RSD	.20682	.22804	.25854	.05724	.15126	.28240	.52104	.59595

#1	4.2789	.73176	1.2598	1.3775	16.792	.38154	7.9587	.02785
#2	4.2729	.73389	1.2579	1.3789	16.813	.38366	7.8777	.02816
#3	4.2615	.73060	1.2643	1.3775	16.762	.38221	7.9046	.02811

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	.51404	7.3623	2.4812	4.0357	23.783	1.090	127.06	2428.7
Stddev	.00106	.0494	.0036	.0157	.230	.001	.69	38.5
%RSD	.20633	.67040	.14440	.38890	.96653	.0636	.54204	1.5835

#1	.51283	7.3540	2.4839	4.0405	23.810	1.091	127.35	2404.9
#2	.51477	7.4153	2.4826	4.0484	23.999	1.091	127.56	2473.1
#3	.51454	7.3176	2.4771	4.0181	23.541	1.090	126.28	2408.2

Sample Name: S5 Acquired: 7/25/2019 12:04:18 Type: Cal
 Method: P4-ICP2(v3287) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-324.55
Stddev	9.16
%RSD	2.8232

#1	-314.33
#2	-327.29
#3	-332.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.1	24409.	1683.3	26.945	1847.7
Stddev	10.4	36.	14.2	.685	5.5
%RSD	.54265	.14860	.84443	2.5430	.29830

#1	1897.7	24395.	1676.6	27.402	1841.6
#2	1917.9	24381.	1673.7	27.275	1849.2
#3	1911.7	24450.	1699.7	26.157	1852.3

Sample Name: ICV01 Acquired: 7/25/2019 12:08:16 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0204	1.0270	1.0692	1.0295	1.0502	2.5700	.50574	.50166
Stddev	.0029	.0024	.0072	.0043	.0008	.0273	.00370	.00104
%RSD	.28121	.23357	.67460	.42241	.07488	1.0620	.73123	.20791
#1	1.0194	1.0247	1.0640	1.0278	1.0493	2.5400	.50147	.50051
#2	1.0236	1.0267	1.0662	1.0263	1.0506	2.5767	.50776	.50254
#3	1.0181	1.0295	1.0775	1.0345	1.0507	2.5934	.50798	.50192
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48834	10.470	.51607	.50310	.54002	5.2637	.52268	6.2227
Stddev	.00067	.029	.00193	.00176	.00195	.0099	.00074	.0483
%RSD	.13766	.27323	.37329	.35022	.36032	.18797	.14227	.77666
#1	.48783	10.486	.51783	.50366	.53825	5.2594	.52245	6.2776
#2	.48809	10.487	.51636	.50113	.53970	5.2751	.52351	6.2040
#3	.48910	10.437	.51401	.50452	.54210	5.2568	.52208	6.1866
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50703	.49957	10.188	.50813	.98735	9.8308	2.5403	2.4491
Stddev	.00154	.00133	.118	.00320	.00236	.1122	.0073	.0310
%RSD	.30305	.26559	1.1601	.62965	.23901	1.1416	.28856	1.2655
#1	.50808	.50099	10.055	.51059	.98917	9.7422	2.5318	2.4143
#2	.50527	.49836	10.228	.50451	.98468	9.7931	2.5440	2.4593
#3	.50774	.49937	10.281	.50928	.98820	9.9570	2.5450	2.4737
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3494	2.4693	2.4280	2.5295	F .00132	F .0013	F .00663	F 2.7304
Stddev	.0026	.0164	.0020	.0086	.00138	.0022	.00036	.0886
%RSD	.11160	.66198	.08261	.34202	104.37	165.5	5.3684	3.2449
#1	2.3499	2.4833	2.4284	2.5211	.00142	.0038	.00629	2.7080
#2	2.3466	2.4734	2.4258	2.5384	-.00011	-.0003	.00700	2.6551
#3	2.3517	2.4513	2.4298	2.5289	.00264	.0005	.00661	2.8281

Sample Name: ICV01 Acquired: 7/25/2019 12:08:16 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 368.70
Stddev 52.77
%RSD 14.313

#1 413.88
#2 381.53
#3 310.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.4	25840.	1733.1	28.161	2136.6
Stddev	3.4	34.	15.4	.147	5.4
%RSD	.17058	.13027	.89106	.52243	.25254

#1	2016.5	25804.	1715.9	27.991	2130.4
#2	2014.6	25848.	1737.5	28.239	2139.6
#3	2021.2	25869.	1745.8	28.252	2139.9

Sample Name: LLICV01 Acquired: 7/25/2019 12:12:43 Type: Unk
Method: P4-ICP2(v3287) 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	.01994	.04201	.01060	.02381	.05996	.09207	.10721	.00678
Stddev	.00208	.00119	.00095	.00206	.00310	.01062	.00097	.00009
%RSD	10.428	2.8385	8.9586	8.6668	5.1623	11.530	.90404	1.3339
#1	.02040	.04123	.00990	.02200	.06077	.08602	.10620	.00670
#2	.01767	.04339	.01168	.02606	.05654	.08585	.10732	.00675
#3	.02175	.04142	.01022	.02335	.06257	.10432	.10813	.00688
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00607	2.1616	.01152	.02988	.02280	.11482	.02357	2.2235
Stddev	.00008	.0202	.00033	.00026	.00054	.00028	.00014	.1202
%RSD	1.3677	.93339	2.8554	.88354	2.3798	.24706	.60206	5.4059
#1	.00605	2.1399	.01165	.02992	.02342	.11477	.02341	2.1723
#2	.00616	2.1799	.01115	.03012	.02256	.11456	.02367	2.1374
#3	.00600	2.1649	.01176	.02960	.02242	.11512	.02364	2.3608
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04099	.01057	2.1449	.04356	.03946	1.9797	.21580	.11571
Stddev	.00031	.00081	.0249	.00041	.00011	.0731	.00027	.00535
%RSD	.74856	7.6853	1.1598	.93995	.28635	3.6904	.12462	4.6235
#1	.04129	.00964	2.1387	.04340	.03959	1.8978	.21605	.12082
#2	.04099	.01117	2.1237	.04402	.03943	2.0031	.21552	.11615
#3	.04068	.01089	2.1723	.04325	.03937	2.0382	.21582	.11015
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02034	.40808	.04040	.04271	.01980	.0184	.02250	F 2.0679
Stddev	.00166	.00718	.00053	.00170	.00126	.0022	.00014	.1043
%RSD	8.1548	1.7593	1.3221	3.9744	6.3607	12.15	.63886	5.0422
#1	.01964	.40047	.04100	.04166	.01963	.0177	.02233	1.9619
#2	.02224	.41474	.04000	.04467	.02114	.0166	.02259	2.1704
#3	.01915	.40902	.04019	.04181	.01864	.0209	.02258	2.0714

Sample Name: LLICV01 Acquired: 7/25/2019 12:12:43 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 250.26
 Stddev 12.00
 %RSD 4.7944

#1 259.58
 #2 254.48
 #3 236.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.2	25713.	1735.1	28.571	2195.7
Stddev	2.2	128.	10.0	.698	3.4
%RSD	.10700	.49711	.57565	2.4425	.15674

#1	2019.7	25861.	1743.7	27.866	2195.0
#2	2023.2	25637.	1724.1	29.261	2192.6
#3	2023.7	25641.	1737.4	28.586	2199.4

Sample Name: ICB01 Acquired: 7/25/2019 12:17:09 Type: Unk
Method: P4-ICP2(v3287) 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	-.00214	-.00148	-.00183	.00179	.00259	-.03012	-.00033	.00001
Stddev	.00238	.00090	.00024	.00427	.00150	.01268	.00062	.00005
%RSD	111.26	61.029	13.336	238.44	57.886	42.102	185.77	859.55
#1	.00006	-.00094	-.00180	.00109	.00296	-.02424	-.00070	.00005
#2	-.00467	-.00098	-.00209	-.00209	.00388	-.02145	-.00068	-.00004
#3	-.00181	-.00252	-.00160	.00636	.00094	-.04467	.00038	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00078	.00007	.00006	.00042	-.00042	.00004	.07412
Stddev	.00002	.01310	.00009	.00027	.00023	.00058	.00005	.05254
%RSD	27.731	1686.8	128.95	476.46	54.355	138.81	103.47	70.889
#1	.00007	-.01380	.00016	-.00025	.00028	.00025	.00009	.03123
#2	.00009	.01158	-.00002	.00016	.00068	-.00074	.00000	.13273
#3	.00005	.00455	.00006	.00026	.00030	-.00077	.00004	.05841
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00089	-.00862	-.00002	-.00060	-.08090	.00020	-.01395
Stddev	.00052	.00057	.00740	.00005	.00009	.06747	.00043	.01617
%RSD	72.290	64.111	85.913	215.04	14.539	83.402	215.65	115.89
#1	-.00066	-.00023	-.00824	.00001	-.00052	-.09367	-.00014	-.01046
#2	-.00023	-.00127	-.01620	.00001	-.00057	-.14108	.00068	.00019
#3	-.00126	-.00118	-.00141	-.00008	-.00069	-.00796	.00006	-.03158
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00479	-.00031	-.00054	-.00101	-.00187	-.0002	-.00009	F 1.6795
Stddev	.00227	.00123	.00032	.00059	.00272	.0012	.00013	.3080
%RSD	47.347	395.18	58.676	58.041	145.30	718.5	138.34	18.338
#1	-.00602	.00042	-.00090	-.00068	-.00489	.0003	.00006	1.7804
#2	-.00217	.00038	-.00042	-.00169	-.00111	.0007	-.00017	1.3337
#3	-.00619	-.00173	-.00030	-.00067	.00039	-.0015	-.00017	1.9243

Sample Name: ICB01 Acquired: 7/25/2019 12:17:09 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 311.71
Stddev	63.75
%RSD	20.453

#1	241.62
#2	366.25
#3	327.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.5	25888.	1721.2	28.698	2197.6
Stddev	7.7	104.	5.8	.478	4.3
%RSD	.37979	.40148	.33501	1.6649	.19405

#1	2027.0	25891.	1716.7	28.673	2196.1
#2	2017.2	25783.	1727.7	28.234	2194.4
#3	2032.4	25991.	1719.3	29.189	2202.5

Sample Name: CRI01 Acquired: 7/25/2019 12:21:38 Type: Unk
Method: P4-ICP2(v3287) 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	.02242	.04131	.00939	.01798	.05906	.11260	.10647	.00679
Stddev	.00350	.00150	.00120	.00079	.00057	.00756	.00174	.00019
%RSD	15.615	3.6409	12.815	4.4181	.96681	6.7124	1.6302	2.8560
#1	.01939	.04092	.00869	.01865	.05912	.12133	.10456	.00683
#2	.02162	.04003	.00869	.01710	.05959	.10805	.10794	.00659
#3	.02625	.04297	.01077	.01819	.05846	.10843	.10693	.00697
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	2.1455	.01095	.02957	.02281	.11478	.02330	2.1914
Stddev	.00011	.0259	.00047	.00032	.00022	.00185	.00013	.0469
%RSD	1.7932	1.2053	4.2824	1.0659	.97111	1.6154	.54591	2.1420
#1	.00601	2.1183	.01134	.02992	.02305	.11550	.02323	2.2298
#2	.00621	2.1697	.01108	.02947	.02261	.11267	.02323	2.1391
#3	.00604	2.1485	.01043	.02931	.02276	.11616	.02345	2.2054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04043	.01067	2.1185	.04246	.03933	1.9421	.21416	.09099
Stddev	.00052	.00048	.0266	.00091	.00005	.0163	.00025	.00429
%RSD	1.2966	4.5425	1.2558	2.1344	.11922	.84037	.11711	4.7194
#1	.04012	.01121	2.0895	.04322	.03935	1.9532	.21432	.08641
#2	.04013	.01051	2.1241	.04146	.03936	1.9498	.21429	.09492
#3	.04103	.01028	2.1418	.04271	.03927	1.9234	.21387	.09165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01436	.40684	.04003	.04247	.01705	.0177	.02257	F 2.3971
Stddev	.00342	.00821	.00122	.00147	.00192	.0012	.00005	.2188
%RSD	23.809	2.0185	3.0475	3.4610	11.265	6.969	.22918	9.1283
#1	.01064	.41361	.04114	.04209	.01718	.0180	.02263	2.3570
#2	.01737	.39770	.03872	.04123	.01507	.0164	.02255	2.6331
#3	.01507	.40920	.04022	.04410	.01890	.0188	.02253	2.2010

Sample Name: CRI01 Acquired: 7/25/2019 12:21:38 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 436.32
Stddev 81.76
%RSD 18.739

#1 527.48
#2 412.00
#3 369.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2026.8	25892.	1717.7	29.458	2199.3
Stddev	4.1	84.	20.8	.646	4.2
%RSD	.20202	.32563	1.2133	2.1918	.19150

#1	2031.1	25829.	1696.7	28.714	2203.9
#2	2022.9	25988.	1738.4	29.861	2195.6
#3	2026.5	25861.	1718.1	29.800	2198.5

Sample Name: ICSA01 Acquired: 7/25/2019 12:26:05 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00978	-.00638	-.00049	.01108	.00354	268.34	.00602	.00103
Stddev	.00167	.00174	.00193	.00280	.00152	1.25	.00097	.00008
%RSD	17.098	27.215	393.90	25.301	42.870	.46677	16.073	8.1510

#1	-.01162	-.00467	-.00084	.00826	.00180	267.12	.00696	.00094
#2	-.00939	-.00814	-.00221	.01112	.00462	268.26	.00606	.00111
#3	-.00834	-.00634	.00159	.01386	.00419	269.62	.00503	.00104

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	250.95	.05280	-.00031	.00655	98.393	.01625	271.68
Stddev	.00011	2.49	.00065	.00051	.00146	.557	.00020	2.22
%RSD	6.5251	.99178	1.2380	166.43	22.273	.56622	1.2045	.81592

#1	-.00160	250.78	.05234	.00028	.00804	97.768	.01602	269.22
#2	-.00169	248.55	.05251	-.00065	.00650	98.571	.01633	273.53
#3	-.00183	253.52	.05355	-.00056	.00512	98.839	.01639	272.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00700	-.00515	.06464	.00120	-.01247	-.06720	-.00071	.01305
Stddev	.00015	.00069	.00375	.00037	.00009	.05012	.00022	.01730
%RSD	2.1004	13.317	5.7938	30.661	.74237	74.594	31.202	132.58

#1	-.00716	-.00594	.06700	.00078	-.01246	-.04917	-.00093	.03231
#2	-.00697	-.00469	.06032	.00138	-.01257	-.12384	-.00073	-.00118
#3	-.00687	-.00482	.06660	.00144	-.01238	-.02858	-.00048	.00802

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00767	-.00406	.00889	-.00289	.00043	.0002	.00024	4.4438
Stddev	.00704	.00151	.00151	.00261	.00215	.0027	.00085	.1354
%RSD	91.841	37.177	16.941	90.288	504.17	1287.	350.28	3.0466

#1	.00307	-.00360	.00800	-.00503	-.00186	-.0013	.00072	4.5794
#2	.01577	-.00284	.01062	.00002	.00074	.0033	-.00073	4.3087
#3	.00416	-.00575	.00804	-.00367	.00240	-.0014	.00074	4.4433

Sample Name: ICSA01 Acquired: 7/25/2019 12:26:05 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	143.89
%RSD	12.185

#1	-1016.0
#2	-1281.5
#3	-1245.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.5	23854.	1708.6	27.356	1823.2
Stddev	2.8	24.	12.5	.881	2.9
%RSD	.14714	.10054	.73111	3.2203	.16094

#1	1893.4	23855.	1701.7	26.788	1823.3
#2	1888.3	23877.	1723.0	26.908	1826.0
#3	1892.8	23830.	1701.1	28.371	1820.2

Sample Name: ICSAB01 Acquired: 7/25/2019 12:30:45 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08839	.08778	.04958	.05410	.60516	273.59	.50462	.50670
Stddev	.00298	.00203	.00052	.00116	.00571	.98	.00107	.00108
%RSD	3.3769	2.3092	1.0419	2.1352	.94282	.35649	.21151	.21349
#1	.08552	.08775	.04988	.05452	.60040	272.52	.50376	.50566
#2	.08817	.08576	.04987	.05499	.60359	274.43	.50581	.50782
#3	.09147	.08981	.04898	.05280	.61149	273.82	.50428	.50663
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95590	252.91	.53216	.47943	.47997	99.630	.49092	272.32
Stddev	.00863	.50	.00322	.00575	.00605	.227	.00048	.70
%RSD	.90270	.19669	.60506	1.1986	1.2607	.22789	.09818	.25655
#1	.94622	253.31	.52854	.47365	.47554	99.568	.49037	271.53
#2	.95867	253.06	.53323	.47951	.47750	99.440	.49109	272.84
#3	.96279	252.35	.53471	.48514	.48686	99.881	.49129	272.60
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94327	.19649	.07069	.48766	.99775	-.09743	.94671	.93498
Stddev	.01165	.00041	.01369	.00124	.00926	.05965	.01810	.02239
%RSD	1.2349	.20758	19.367	.25434	.92788	61.227	1.9121	2.3950
#1	.93166	.19679	.08572	.48652	.98814	-.13360	.92816	.95192
#2	.94320	.19603	.05893	.48898	.99848	-.13012	.94764	.90959
#3	.95496	.19666	.06742	.48747	1.0066	-.02858	.96433	.94344
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0140	.82149	.97971	.90203	F .12686	F .1221	F .12617	4.2748
Stddev	.0206	.00233	.02304	.01011	.00193	.0032	.00066	.1551
%RSD	2.0332	.28326	2.3516	1.1213	1.5201	2.609	.52258	3.6274
#1	.99200	.82393	.95723	.90965	.12499	.1221	.12600	4.1611
#2	1.0170	.81930	.97862	.90588	.12885	.1253	.12689	4.2120
#3	1.0329	.82125	1.0033	.89056	.12673	.1189	.12561	4.4515

Sample Name: ICSAB01 Acquired: 7/25/2019 12:30:45 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 153.73
%RSD 12.005

#1 -1458.0
#2 -1186.4
#3 -1197.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.1	23482.	1677.0	26.079	1805.7
Stddev	5.3	32.	8.0	.320	4.1
%RSD	.28186	.13566	.47573	1.2277	.22980

#1	1868.7	23512.	1667.8	26.036	1803.0
#2	1874.4	23486.	1681.0	26.418	1803.8
#3	1879.3	23449.	1682.3	25.782	1810.5

Sample Name: CCV01 Acquired: 7/25/2019 12:40:26 Type: Unk
Method: P4-ICP2(v3287) 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	4.8733	4.8316	4.9230	4.8991	4.8699	9.4887	9.6989	.24384
Stddev	.0106	.0047	.0052	.0168	.0123	.0631	.0093	.00041
%RSD	.21683	.09816	.10547	.34332	.25181	.66507	.09559	.16740
#1	4.8734	4.8324	4.9289	4.9113	4.8587	9.4490	9.6882	.24367
#2	4.8627	4.8358	4.9212	4.8799	4.8680	9.5615	9.7050	.24355
#3	4.8839	4.8265	4.9191	4.9061	4.8830	9.4556	9.7034	.24431
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3865	24.421	.95369	2.3958	1.2205	4.8939	2.4307	24.288
Stddev	.0006	.195	.00386	.0005	.0015	.0071	.0046	.140
%RSD	.02672	.79788	.40482	.02101	.12732	.14572	.18760	.57656
#1	2.3859	24.342	.95740	2.3953	1.2191	4.8989	2.4324	24.449
#2	2.3864	24.277	.94969	2.3959	1.2203	4.8857	2.4341	24.193
#3	2.3872	24.643	.95399	2.3963	1.2222	4.8970	2.4255	24.222
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3996	1.2180	24.240	2.4467	2.3968	23.854	4.8584	4.7212
Stddev	.0017	.0039	.030	.0074	.0021	.173	.0095	.0775
%RSD	.07260	.31958	.12173	.30216	.08634	.72733	.19573	1.6408
#1	2.4011	1.2223	24.221	2.4552	2.3950	23.783	4.8579	4.7094
#2	2.4001	1.2168	24.274	2.4421	2.3963	24.052	4.8492	4.8039
#3	2.3977	1.2148	24.225	2.4428	2.3991	23.727	4.8682	4.6503
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7372	4.8532	4.7905	4.8612	4.8081	4.827	4.7671	F 3.5100
Stddev	.0065	.0444	.0197	.0181	.0230	.016	.0352	.1101
%RSD	.13649	.91494	.41205	.37196	.47749	.3284	.73769	3.1354
#1	4.7442	4.8370	4.7688	4.8456	4.7917	4.820	4.7520	3.6252
#2	4.7315	4.8191	4.7955	4.8570	4.7983	4.816	4.7420	3.4060
#3	4.7359	4.9034	4.8073	4.8810	4.8343	4.845	4.8073	3.4988

Sample Name: CCV01 Acquired: 7/25/2019 12:40:26 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 228.48
Stddev 115.64
%RSD 50.612

#1 281.34
#2 308.24
#3 95.857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.8	25277.	1722.0	27.653	1999.6
Stddev	3.2	91.	5.3	1.784	3.9
%RSD	.16223	.35930	.30916	6.4528	.19336

#1	1974.5	25238.	1722.1	26.132	1995.1
#2	1981.0	25212.	1727.2	29.617	2001.6
#3	1977.9	25380.	1716.6	27.210	2002.1

Sample Name: LLCCV01 Acquired: 7/25/2019 12:44:25 Type: Unk
Method: P4-ICP2(v3287) 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	.01800	.03977	.01036	.02118	.05929	.10131	.10616	.00676
Stddev	.00338	.00149	.00099	.00120	.00164	.00656	.00102	.00012
%RSD	18.787	3.7569	9.5713	5.6822	2.7702	6.4780	.95646	1.7478
#1	.01487	.04098	.00974	.02227	.05916	.10272	.10526	.00681
#2	.02159	.04023	.01150	.01989	.06099	.10705	.10595	.00684
#3	.01756	.03810	.00983	.02138	.05771	.09415	.10726	.00662
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	2.1751	.01089	.02937	.02298	.11453	.02287	2.1634
Stddev	.00010	.0442	.00043	.00014	.00035	.00028	.00002	.0224
%RSD	1.7088	2.0302	3.9475	.48261	1.5147	.24512	.06918	1.0339
#1	.00587	2.1550	.01124	.02922	.02293	.11428	.02289	2.1402
#2	.00607	2.1446	.01101	.02951	.02266	.11448	.02286	2.1848
#3	.00600	2.2258	.01041	.02939	.02335	.11484	.02286	2.1651
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04073	.01148	2.1134	.04212	.03912	1.8783	.21455	.08866
Stddev	.00021	.00046	.0067	.00008	.00017	.0434	.00094	.01132
%RSD	.52194	4.0053	.31669	.18340	.42614	2.3126	.43975	12.764
#1	.04049	.01116	2.1078	.04210	.03903	1.9035	.21560	.10031
#2	.04080	.01200	2.1115	.04205	.03931	1.9033	.21426	.07770
#3	.04090	.01126	2.1208	.04221	.03902	1.8281	.21378	.08797
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01797	.40028	.03916	.03892	.01843	.0188	.02228	F 2.9489
Stddev	.00122	.00833	.00131	.00282	.00161	.0025	.00014	.1060
%RSD	6.7783	2.0815	3.3359	7.2423	8.7454	13.08	.60780	3.5928
#1	.01664	.40897	.03893	.03991	.02007	.0170	.02223	2.8442
#2	.01823	.39951	.04056	.03575	.01837	.0216	.02243	2.9465
#3	.01904	.39236	.03798	.04112	.01685	.0178	.02218	3.0560

Sample Name: LLCCV01 Acquired: 7/25/2019 12:44:25 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 440.24
Stddev 113.34
%RSD 25.745

#1 310.36
#2 519.13
#3 491.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.4	25787.	1719.6	28.935	2173.9
Stddev	12.3	55.	23.0	.375	7.4
%RSD	.61519	.21273	1.3383	1.2960	.34217

#1	1986.0	25724.	1695.9	28.559	2165.5
#2	2010.3	25815.	1721.2	28.936	2179.6
#3	2001.9	25823.	1741.9	29.309	2176.5

Sample Name: CCB01 Acquired: 7/25/2019 12:48:53 Type: Unk
Method: P4-ICP2(v3287) 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	-.00254	.00022	-.00240	-.00046	.00263	-.02254	.00018	.00009
Stddev	.00108	.00080	.00113	.00626	.00184	.03048	.00038	.00010
%RSD	42.629	361.85	46.868	1362.2	70.210	135.23	210.79	107.56
#1	-.00264	.00036	-.00149	-.00769	.00050	-.02924	.00004	.00018
#2	-.00140	.00095	-.00206	.00311	.00369	.01073	.00060	.00009
#3	-.00356	-.00064	-.00366	.00320	.00369	-.04911	-.00011	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00373	-.00029	.00008	.00014	.00083	.00002	.04305
Stddev	.00011	.04176	.00013	.00031	.00072	.00047	.00003	.02620
%RSD	409.67	1118.5	43.665	408.80	494.80	56.588	161.12	60.857
#1	.00003	.05018	-.00022	.00043	.00083	.00063	.00001	.02264
#2	.00014	-.00825	-.00021	-.00009	.00020	.00050	.00006	.07259
#3	-.00009	-.03072	-.00043	-.00011	-.00060	.00137	-.00001	.03391
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	-.00023	.00735	.00046	-.00094	-.08839	.00039	-.03482
Stddev	.00052	.00050	.02372	.00074	.00009	.07093	.00006	.02747
%RSD	47.996	214.38	322.78	159.31	9.0728	80.243	16.513	78.889
#1	-.00169	-.00058	.02067	.00102	-.00101	-.03460	.00045	-.02878
#2	-.00071	-.00045	.02142	-.00037	-.00084	-.06179	.00032	-.06480
#3	-.00088	.00034	-.02004	.00073	-.00096	-.16877	.00039	-.01087
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00247	-.00017	.00043	.00000	-.00436	-.0018	.00001	F 2.7115
Stddev	.00445	.00289	.00045	.00438	.00133	.0015	.00017	.2556
%RSD	180.26	1722.4	104.21	139920.	30.529	86.61	1706.3	9.4256
#1	-.00576	.00097	.00087	.00505	-.00588	-.0033	.00005	2.6305
#2	.00260	.00198	.00044	-.00246	-.00343	-.0002	.00016	2.9977
#3	-.00425	-.00345	-.00003	-.00258	-.00376	-.0019	-.00018	2.5062

Sample Name: CCB01 Acquired: 7/25/2019 12:48:53 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 510.44
Stddev 178.89
%RSD 35.047

#1 342.51
#2 698.58
#3 490.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.5	26019.	1740.3	28.866	2181.9
Stddev	3.8	61.	4.2	.874	5.0
%RSD	.19080	.23628	.24399	3.0275	.22923

#1	2018.7	25981.	1738.2	28.364	2187.0
#2	2013.6	26090.	1745.2	28.359	2181.7
#3	2011.2	25986.	1737.5	29.875	2177.0

Sample Name: LR CHECK 1 Acquired: 7/25/2019 12:53:35 Type: Unk
Method: P4-ICP2(v3287) 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	-.17414	-.17180	.21085	-.14821	.05889	1891.7	.08276	.02336
Stddev	.00607	.00510	.00616	.00662	.00378	6.8	.00037	.00030
%RSD	3.4842	2.9708	2.9200	4.4685	6.4239	.35767	.45042	1.2909

#1	-.17321	-.17146	.21134	-.14609	.06282	1890.4	.08233	.02370
#2	-.18062	-.17706	.20447	-.14291	.05527	1899.0	.08297	.02325
#3	-.16859	-.16687	.21676	-.15564	.05858	1885.7	.08298	.02313

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14996	1843.3	-.04788	.09788	1.6051	819.36	.03238	1899.9
Stddev	.00121	10.7	.00120	.00089	.0048	2.01	.00024	11.4
%RSD	.80663	.58057	2.5006	.90568	.29883	.24534	.74300	.59823

#1	.15135	1854.2	-.04923	.09853	1.6013	819.36	.03262	1893.6
#2	.14922	1843.0	-.04747	.09823	1.6105	821.36	.03237	1913.0
#3	.14929	1832.8	-.04694	.09687	1.6036	817.34	.03214	1893.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09482	-.25803	1954.5	.00865	.27576	1010.6	-.01558	-1.4347
Stddev	.00233	.00091	16.0	.00023	.00198	4.3	.00156	.0089
%RSD	2.4590	.35304	.81829	2.6525	.71623	.42067	10.026	.61854

#1	.09512	-.25862	1971.2	.00852	.27799	1012.0	-.01671	-1.4414
#2	.09235	-.25698	1953.0	.00891	.27422	1013.9	-.01380	-1.4381
#3	.09699	-.25848	1939.3	.00850	.27508	1005.8	-.01624	-1.4246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30754	-.00808	.08750	-.05254	.03747	.0566	-.88728	<.00000
Stddev	.00983	.00447	.00084	.00040	.00415	.0027	.00223	.18531
%RSD	3.1955	55.312	.96228	.75630	11.074	4.726	.25110	4.7016

#1	.31876	-.00776	.08842	-.05299	.03557	.0562	-.88694	-4.1553
#2	.30342	-.01270	.08676	-.05240	.04223	.0594	-.88966	-3.8350
#3	.30045	-.00378	.08731	-.05223	.03461	.0541	-.88524	-3.8337

Sample Name: LR CHECK 1 Acquired: 7/25/2019 12:53:35 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 385.14
%RSD .74764

#1 -51073.
#2 -51692.
#3 -51779.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1558.7	18865.	1517.2	20.660	1103.2
Stddev	6.2	48.	15.2	.756	.7
%RSD	.39512	.25608	.99942	3.6571	.06505

#1	1565.8	18841.	1500.1	19.870	1103.9
#2	1555.0	18833.	1522.5	20.733	1102.5
#3	1555.3	18920.	1529.1	21.376	1103.2

Sample Name: LR CHECK 2 Acquired: 7/25/2019 12:58:14 Type: Unk
Method: P4-ICP2(v3287) 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	-.00673	-.01553	248.30	.02905	-.03998	-.03352	92.810	-.00130
Stddev	.00020	.00285	1.54	.00366	.00300	.01346	.445	.00010
%RSD	2.9350	18.359	.62170	12.609	7.5126	40.162	.47957	7.3880

#1	-.00689	-.01675	249.65	.02812	-.03813	-.04784	92.373	-.00121
#2	-.00651	-.01758	246.62	.03308	-.04345	-.03162	92.795	-.00129
#3	-.00680	-.01227	248.64	.02594	-.03837	-.02111	93.263	-.00140

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00778	.62485	-.10221	-.00553	271.01	-.70361	41.234	.02974
Stddev	.00005	.09819	.00083	.00033	1.96	.00639	.373	.05699
%RSD	.69178	15.714	.81684	5.9262	.72262	.90747	.90552	191.62

#1	-.00777	.64878	-.10317	-.00576	273.03	-.71095	41.559	.01939
#2	-.00773	.51690	-.10178	-.00567	269.12	-.69930	41.316	.09119
#3	-.00784	.70886	-.10168	-.00516	270.89	-.70058	40.826	-.02136

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.384	.00641	1.7816	-.09287	37.704	.78256	-.00526	-.00630
Stddev	.327	.00025	.0875	.00150	.260	.12111	.00038	.00715
%RSD	.63656	3.9633	4.9097	1.6107	.69004	15.476	7.2909	113.49

#1	51.688	.00630	1.8697	-.09204	37.951	.87939	-.00568	.00161
#2	51.038	.00623	1.7804	-.09197	37.432	.82153	-.00515	-.01231
#3	51.428	.00670	1.6947	-.09460	37.730	.64677	-.00494	-.00821

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07941	-.00109	.00236	.02011	.00015	-.0883	.00130	3.8919
Stddev	.00730	.00623	.00063	.00194	.00296	.0070	.00005	.2536
%RSD	9.1956	569.91	26.473	9.6524	2006.6	7.895	3.8415	6.5156

#1	.07126	-.00517	.00308	.02231	-.00119	-.0861	.00125	4.1134
#2	.08160	-.00419	.00191	.01938	-.00190	-.0827	.00129	3.9471
#3	.08536	.00608	.00211	.01865	.00354	-.0961	.00135	3.6153

Sample Name: LR CHECK 2 Acquired: 7/25/2019 12:58:14 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 669.81
 Stddev 28.24
 %RSD 4.2165

#1 664.75
 #2 700.24
 #3 644.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.1	26588.	1705.2	27.598	2003.7
Stddev	15.0	41.	11.4	.917	15.4
%RSD	.83915	.15399	.66960	3.3225	.76607

#1	1780.2	26633.	1693.8	27.745	1990.3
#2	1808.2	26554.	1705.2	26.616	2020.5
#3	1784.8	26576.	1716.6	28.432	2000.4

Sample Name: K3933-08DL2X50 Acquired: 7/25/2019 13:06:40 Type: Unk
Method: P4-ICP2(v3287) 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	.00515	.00021	4.5930	.00152	.02564	1.6353	.12163
Stddev	.00612	.00106	.0131	.00362	.00138	.0200	.00133
%RSD	118.75	499.76	.28534	238.12	5.3739	1.2216	1.0911

#1	.01094	-.00047	4.6081	.00356	.02719	1.6123	.12034
#2	.00577	.00143	4.5868	-.00266	.02455	1.6487	.12156
#3	-.00125	-.00032	4.5841	.00365	.02518	1.6449	.12299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00290	6.3879	F 5.0212	.00693	9.1616	21.275
Stddev	.00012	.00010	.0726	.0028	.00018	.0186	.010
%RSD	46.080	3.5610	1.1366	.05592	2.6383	.20320	.04648

#1	.00029	-.00296	6.3041	5.0205	.00694	9.1824	21.275
#2	.00038	-.00278	6.4267	5.0189	.00711	9.1556	21.265
#3	.00014	-.00297	6.4328	5.0243	.00674	9.1466	21.285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11182	1.2839	15.408	.00198	4.0233	.01065	1.1157
Stddev	.00042	.0649	.040	.00032	.0481	.00042	.0027
%RSD	.37744	5.0581	.26172	16.228	1.1943	3.9007	.23709

#1	.11227	1.3401	15.440	.00188	3.9700	.01028	1.1186
#2	.11176	1.2128	15.422	.00171	4.0633	.01056	1.1154
#3	.11143	1.2988	15.363	.00233	4.0367	.01110	1.1133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1213	.00257	.66015	7.0612	.22368	.03987	.04362
Stddev	.0857	.00022	.00708	.0170	.00599	.00058	.00319
%RSD	.93988	8.7202	1.0730	.24013	2.6801	1.4455	7.3145

#1	9.0937	.00233	.65347	7.0550	.22919	.04051	.04663
#2	9.0528	.00278	.66758	7.0803	.22455	.03940	.04395
#3	9.2174	.00259	.65942	7.0482	.21730	.03970	.04028

Sample Name: K3933-08DL2X50 Acquired: 7/25/2019 13:06:40 Type: Unk
 Method: P4-ICP2(v3287) 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	.00173	.4234	.01446	3.0292	F 185.01
Stddev	.00136	.0025	.00014	.1748	203.78
%RSD	79.012	.5966	.96887	5.7697	110.15

#1	.00097	.4257	.01453	2.8415	211.85
#2	.00091	.4239	.01454	3.0589	-30.864
#3	.00330	.4207	.01429	3.1873	374.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.0	26046.	1739.1	28.342	2127.5
Stddev	7.3	79.	8.9	1.023	6.0
%RSD	.36250	.30311	.51437	3.6089	.28076

#1	1999.6	25960.	1729.0	28.968	2121.4
#2	2011.8	26114.	1742.8	27.161	2127.6
#3	2012.5	26065.	1745.7	28.895	2133.4

Sample Name: K3934-13 Acquired: 7/25/2019 13:10:55 Type: Unk
Method: P4-ICP2(v3287) 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	.01398	-.00780	.43264	.01694	.00572	33.823	.43865
Stddev	.00434	.00050	.00136	.00430	.00031	1.424	.01772
%RSD	31.033	6.3809	.31474	25.397	5.4729	4.2092	4.0407

#1	.00902	-.00782	.43119	.01235	.00592	34.609	.44649
#2	.01707	-.00729	.43285	.02088	.00589	34.680	.45110
#3	.01585	-.00828	.43389	.01759	.00536	32.179	.41836

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00017	134.94	.03835	.02717	.23899	49.017
Stddev	.00026	.00022	.93	.00232	.00014	.00084	1.936
%RSD	12.238	124.58	.69249	6.0604	.52270	.35216	3.9492

#1	.00222	.00011	133.88	.03993	.02728	.23806	49.699
#2	.00225	-.00001	135.64	.03944	.02701	.23921	50.519
#3	.00179	.00042	135.29	.03568	.02722	.23970	46.832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1413	40.741	.05319	-.00037	217.78	.06637	.73433
Stddev	.1577	1.606	.00056	.00051	9.07	.00296	.00113
%RSD	5.0206	3.9427	1.0505	137.24	4.1624	4.4659	.15337

#1	3.2372	41.572	.05376	-.00087	222.14	.06729	.73303
#2	3.2274	41.762	.05317	-.00039	223.85	.06877	.73495
#3	2.9592	38.890	.05264	.00015	207.36	.06306	.73500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.487	.01143	.20303	F 54.651	F 42.217	.00878	.84076
Stddev	1.341	.00026	.01445	.097	.169	.00141	.01267
%RSD	4.5491	2.2325	7.1151	.17820	.40071	16.104	1.5074

#1	30.167	.01163	.21964	54.577	42.108	.00974	.82700
#2	30.351	.01115	.19609	54.761	42.411	.00715	.85196
#3	27.941	.01152	.19336	54.615	42.130	.00943	.84330

Sample Name: K3934-13 Acquired: 7/25/2019 13:10:55 Type: Unk
Method: P4-ICP2(v3287) 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	.04977	2.607	.61660	4.0193	F 291.46
Stddev	.00201	.008	.00637	1.1411	120.40
%RSD	4.0484	.3078	1.0330	28.392	41.308

#1	.05209	2.609	.60927	4.3866	282.13
#2	.04844	2.613	.61972	4.9316	416.25
#3	.04879	2.598	.62081	2.7398	176.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.2	25856.	1768.9	27.178	1913.2
Stddev	5.7	1167.	1.5	1.499	2.1
%RSD	.28299	4.5129	.08208	5.5160	.10768

#1	2005.7	25079.	1770.1	28.909	1915.4
#2	2000.7	25292.	1769.3	26.311	1911.3
#3	1994.4	27198.	1767.3	26.313	1912.8

Sample Name: K3934-13DUP Acquired: 7/25/2019 13:15:14 Type: Unk
Method: P4-ICP2(v3287) 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	.01471	-.00800	.43199	.01642	.00861	34.502	.44910
Stddev	.00177	.00075	.00093	.00199	.00197	.151	.00415
%RSD	12.052	9.3775	.21628	12.120	22.933	.43679	.92443

#1	.01299	-.00886	.43250	.01871	.01088	34.349	.44434
#2	.01653	-.00764	.43091	.01507	.00763	34.650	.45200
#3	.01462	-.00749	.43256	.01549	.00732	34.507	.45096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00032	133.03	.03885	.02721	.23956	49.439
Stddev	.00013	.00013	.08	.00050	.00071	.00049	.099
%RSD	6.4340	40.799	.05769	1.2857	2.5967	.20635	.20071

#1	.00219	.00023	132.97	.03848	.02681	.24013	49.330
#2	.00193	.00048	133.12	.03942	.02802	.23928	49.464
#3	.00207	.00026	133.01	.03866	.02678	.23928	49.524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2046	41.324	.05345	-.00035	222.46	.06771	.73455
Stddev	.0088	.302	.00046	.00074	.60	.00132	.00099
%RSD	.27513	.73001	.85843	211.29	.27129	1.9488	.13540

#1	3.2034	40.980	.05329	.00050	221.88	.06672	.73384
#2	3.1965	41.544	.05309	-.00069	223.09	.06720	.73412
#3	3.2140	41.448	.05396	-.00087	222.41	.06921	.73569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.976	.01142	.19718	F 54.649	F 41.454	.00951	.82676
Stddev	.110	.00028	.02335	.023	.061	.00094	.00499
%RSD	.36547	2.4669	11.843	.04289	.14664	9.9261	.60373

#1	29.874	.01112	.20831	54.634	41.395	.01041	.82199
#2	30.092	.01168	.21289	54.676	41.449	.00961	.83195
#3	29.961	.01146	.17035	54.636	41.517	.00852	.82635

Sample Name: K3934-13DUP Acquired: 7/25/2019 13:15:14 Type: Unk
Method: P4-ICP2(v3287) 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	.04752	2.605	.60752	3.9323	F 225.92
Stddev	.00248	.015	.00601	.2274	225.36
%RSD	5.2216	.5913	.98852	5.7840	99.751

#1	.04673	2.617	.60265	3.9239	23.129
#2	.04553	2.610	.61423	4.1638	468.54
#3	.05030	2.587	.60567	3.7091	186.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.1	25482.	1811.3	27.705	1914.1
Stddev	1.3	37.	4.4	1.113	1.7
%RSD	.06253	.14331	.24464	4.0161	.08740

#1	2003.1	25441.	1806.8	27.200	1913.2
#2	2002.6	25494.	1811.3	28.981	1912.9
#3	2000.7	25511.	1815.7	26.935	1916.0

Sample Name: K3934-13LX5 Acquired: 7/25/2019 13:19:27 Type: Unk
Method: P4-ICP2(v3287) 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	-.00021	-.00423	.08936	-.00038	.00173	7.0612	.09017
Stddev	.00314	.00039	.00125	.00080	.00026	.0811	.00104
%RSD	1470.2	9.2723	1.3953	211.61	14.991	1.1488	1.1577

#1	.00094	-.00432	.09079	.00054	.00146	6.9772	.08920
#2	-.00377	-.00456	.08878	-.00094	.00176	7.0673	.09127
#3	.00219	-.00380	.08851	-.00074	.00197	7.1390	.09004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00020	28.345	.00795	.00535	.05248	10.643
Stddev	.00012	.00007	.239	.00047	.00018	.00064	.005
%RSD	25.544	36.483	.84340	5.9339	3.3624	1.2112	.04362

#1	.00037	-.00016	28.538	.00818	.00519	.05190	10.644
#2	.00062	-.00016	28.077	.00826	.00532	.05316	10.647
#3	.00046	-.00028	28.418	.00740	.00554	.05239	10.638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69027	8.6758	.00981	-.00053	44.566	.01374	.14442
Stddev	.00374	.1435	.00020	.00040	.207	.00042	.00041
%RSD	.54116	1.6544	2.0153	75.228	.46351	3.0769	.28221

#1	.68832	8.5140	.00990	-.00049	44.349	.01394	.14425
#2	.69458	8.7879	.00958	-.00015	44.761	.01325	.14413
#3	.68791	8.7254	.00994	-.00094	44.588	.01402	.14489

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9944	.00207	.02817	F 10.611	9.0830	.00166	.17340
Stddev	.0491	.00036	.01281	.014	.0966	.00086	.00735
%RSD	.81934	17.342	45.476	.13655	1.0639	51.974	4.2398

#1	6.0507	.00241	.04137	10.628	9.1899	.00254	.18047
#2	5.9719	.00170	.01579	10.601	9.0019	.00162	.16580
#3	5.9605	.00211	.02734	10.605	9.0571	.00082	.17393

Sample Name: K3934-13LX5 Acquired: 7/25/2019 13:19:27 Type: Unk
Method: P4-ICP2(v3287) 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	.00909	.5063	.12840	2.8477	F 431.12
Stddev	.00125	.0017	.00138	.1710	74.15
%RSD	13.744	.3305	1.0719	6.0037	17.199

#1	.00767	.5052	.12883	2.9017	361.67
#2	.01002	.5056	.12686	2.6563	422.47
#3	.00958	.5083	.12951	2.9852	509.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.6	25877.	1769.7	29.712	2101.4
Stddev	14.0	98.	18.1	.543	14.7
%RSD	.68914	.37680	1.0247	1.8277	.69756

#1	2048.0	25906.	1748.9	30.294	2118.3
#2	2020.6	25769.	1781.6	29.625	2094.1
#3	2029.2	25957.	1778.7	29.219	2091.8

Sample Name: K3934-13MS Acquired: 7/25/2019 13:23:47 Type: Unk
Method: P4-ICP2(v3287) 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	.76777	1.8816	1.3884	1.8660	.71732	40.768	.65186
Stddev	.00232	.0018	.0023	.0099	.00321	.438	.00754
%RSD	.30240	.09466	.16825	.53116	.44714	1.0744	1.1567

#1	.76570	1.8809	1.3911	1.8724	.72076	40.404	.64529
#2	.76733	1.8837	1.3868	1.8710	.71441	40.646	.65020
#3	.77028	1.8803	1.3873	1.8546	.71678	41.254	.66010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19836	.19216	134.56	.42762	.22843	.52376	51.218
Stddev	.00052	.00028	1.15	.00095	.00077	.00047	.209
%RSD	.26045	.14752	.85639	.22307	.33848	.09017	.40845

#1	.19815	.19235	134.39	.42822	.22867	.52341	50.978
#2	.19799	.19229	133.51	.42652	.22757	.52430	51.365
#3	.19895	.19183	135.79	.42812	.22906	.52358	51.310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4118	43.654	.54869	.06825	224.63	.37004	.93308
Stddev	.0152	.472	.00058	.00078	2.84	.00129	.00415
%RSD	.44571	1.0811	.10619	1.1498	1.2662	.34762	.44529

#1	3.4110	43.143	.54838	.06842	222.17	.36988	.92853
#2	3.3970	43.745	.54832	.06740	223.97	.36883	.93403
#3	3.4274	44.074	.54936	.06894	227.75	.37139	.93667

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.286	.39975	.47905	F 54.160	F 44.086	.72142	1.0272
Stddev	.359	.00116	.01597	.102	.501	.00376	.0107
%RSD	.89096	.28904	3.3340	.18872	1.1374	.52111	1.0444

#1	40.042	.39868	.46200	54.047	44.661	.72558	1.0204
#2	40.118	.39959	.49366	54.247	43.853	.72039	1.0215
#3	40.698	.40097	.48149	54.185	43.743	.71827	1.0395

Sample Name: K3934-13MS Acquired: 7/25/2019 13:23:47 Type: Unk
Method: P4-ICP2(v3287) 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	.25812	8.712	.80511	3.7324	F<.00000
Stddev	.00313	.025	.00644	.0952	47.294
%RSD	1.2126	.2840	.79964	2.5502	18.198

#1	.25702	8.740	.80606	3.7431	-278.30
#2	.25568	8.695	.79825	3.8218	-295.19
#3	.26165	8.700	.81102	3.6323	-206.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.7	25242.	1772.9	27.770	1907.5
Stddev	8.9	88.	14.3	.614	5.7
%RSD	.44409	.34747	.80807	2.2124	.29931

#1	2009.9	25296.	1757.2	27.191	1914.0
#2	1994.0	25290.	1785.2	28.415	1903.5
#3	1995.1	25141.	1776.3	27.704	1904.9

Sample Name: K3934-13MSD Acquired: 7/25/2019 13:27:58 Type: Unk
Method: P4-ICP2(v3287) 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	.76232	1.8800	1.3896	1.8613	.71883	41.056	.65415
Stddev	.00310	.0049	.0030	.0064	.00421	.075	.00098
%RSD	.40654	.26129	.21704	.34227	.58557	.18188	.14943

#1	.76589	1.8807	1.3878	1.8658	.71397	41.098	.65528
#2	.76031	1.8845	1.3879	1.8641	.72128	41.100	.65349
#3	.76076	1.8747	1.3931	1.8541	.72123	40.970	.65369

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19860	.19279	135.93	.42665	.22944	.52538	51.420
Stddev	.00064	.00037	1.11	.00151	.00063	.00024	.307
%RSD	.32319	.18960	.81597	.35403	.27618	.04624	.59710

#1	.19831	.19259	136.49	.42573	.22906	.52510	51.768
#2	.19815	.19256	136.64	.42582	.22909	.52550	51.305
#3	.19933	.19321	134.65	.42839	.23018	.52553	51.187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4144	43.804	.54871	.06791	226.01	.37282	.93770
Stddev	.0027	.120	.00121	.00070	.36	.00165	.00439
%RSD	.07782	.27369	.22036	1.0282	.15978	.44248	.46795

#1	3.4115	43.871	.54732	.06712	226.27	.37347	.93554
#2	3.4167	43.666	.54946	.06816	225.60	.37095	.93482
#3	3.4149	43.876	.54936	.06845	226.17	.37405	.94275

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.786	.39983	.50359	F 54.253	F 44.351	.71772	1.0408
Stddev	.149	.00200	.02166	.041	.463	.00205	.0045
%RSD	.36539	.49901	4.3010	.07546	1.0449	.28557	.43066

#1	40.936	.39973	.51513	54.295	44.584	.71835	1.0460
#2	40.784	.40188	.51703	54.214	44.652	.71543	1.0385
#3	40.637	.39790	.47860	54.251	43.817	.71939	1.0380

Sample Name: K3934-13MSD Acquired: 7/25/2019 13:27:58 Type: Unk
Method: P4-ICP2(v3287) 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	.26238	8.746	.81552	3.9126	F<.00000
Stddev	.00187	.008	.00834	.1312	123.17
%RSD	.71223	.0954	1.0232	3.3534	42.858

#1	.26213	8.755	.82194	4.0265	-419.27
#2	.26437	8.739	.81854	3.7691	-175.33
#3	.26065	8.744	.80609	3.9422	-267.59

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.5	25341.	1770.3	27.656	1906.3
Stddev	2.3	97.	18.8	1.747	8.3
%RSD	.11675	.38443	1.0603	6.3179	.43319

#1	2001.5	25230.	1754.6	28.377	1909.8
#2	2002.2	25414.	1765.1	25.664	1912.4
#3	1997.9	25377.	1791.0	28.928	1896.9

Sample Name: PB121702BS Acquired: 7/25/2019 13:36:37 Type: Unk
Method: P4-ICP2(v3287) 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	.76441	1.9635	.96242	1.9084	.82639	1.9571	.20357
Stddev	.00709	.0050	.00079	.0053	.00244	.0083	.00129
%RSD	.92730	.25636	.08225	.27789	.29512	.42207	.63557

#1	.77055	1.9631	.96221	1.9117	.82368	1.9520	.20216
#2	.75665	1.9586	.96330	1.9023	.82709	1.9666	.20470
#3	.76604	1.9687	.96175	1.9111	.82840	1.9527	.20387

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19797	.18824	1.1379	.42024	.20041	.32569	3.2027
Stddev	.00016	.00052	.0299	.00059	.00052	.00116	.0084
%RSD	.07945	.27528	2.6281	.14107	.25801	.35746	.26378

#1	.19798	.18884	1.1283	.41971	.20098	.32681	3.2093
#2	.19812	.18796	1.1139	.42012	.19998	.32448	3.1931
#3	.19780	.18792	1.1714	.42088	.20026	.32577	3.2056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21082	2.0763	.49845	.07303	3.2370	.31640	.19432
Stddev	.00057	.0242	.00123	.00066	.0282	.00087	.00017
%RSD	.26974	1.1633	.24672	.90806	.87087	.27637	.08880

#1	.21130	2.0484	.49943	.07258	3.2116	.31547	.19417
#2	.21019	2.0910	.49707	.07271	3.2674	.31721	.19428
#3	.21097	2.0893	.49885	.07379	3.2321	.31652	.19451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6795	.40338	.26783	F 3.1775	.91367	.67880	.20214
Stddev	.0471	.00039	.01560	.0132	.01335	.00246	.00451
%RSD	.48714	.09548	5.8245	.41615	1.4615	.36213	2.2332

#1	9.6311	.40367	.26410	3.1841	.92874	.67711	.20720
#2	9.7252	.40294	.25443	3.1623	.90331	.68162	.19852
#3	9.6824	.40353	.28495	3.1862	.90897	.67767	.20072

Sample Name: PB121702BS Acquired: 7/25/2019 13:36:37 Type: Unk
 Method: P4-ICP2(v3287) 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	.21441	5.598	.21328	F 3.2752	F 6.0209
Stddev	.00096	.008	.00013	.3064	153.98
%RSD	.44897	.1475	.05908	9.3548	2557.5

#1	.21347	5.607	.21330	3.1787	-57.512
#2	.21540	5.595	.21315	3.6182	-106.03
#3	.21438	5.592	.21340	3.0287	181.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.0	26154.	1723.1	28.028	2167.5
Stddev	6.1	61.	20.4	1.316	6.4
%RSD	.30435	.23498	1.1855	4.6965	.29329

#1	2008.9	26084.	1699.8	27.436	2160.2
#2	2019.8	26198.	1731.5	29.536	2170.8
#3	2019.2	26180.	1738.0	27.111	2171.6

Sample Name: PB121530BL Acquired: 7/25/2019 13:46:33 Type: Unk
Method: P4-ICP2(v3287) 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	-.00054	.00035	-.00003	.00124	.00370	-.01403	.00079
Stddev	.00226	.00152	.00089	.00224	.00246	.01615	.00018
%RSD	416.39	434.82	3173.1	181.11	66.523	115.13	22.487

#1	-.00305	.00205	.00048	-.00135	.00301	-.01754	.00061
#2	.00135	-.00014	-.00105	.00248	.00643	-.02813	.00080
#3	.00007	-.00086	.00049	.00257	.00165	.00359	.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00001	-.02670	.00052	.00004	.00001	.00005
Stddev	.00001	.00013	.01694	.00030	.00023	.00014	.00056
%RSD	8.1189	1537.5	63.438	57.529	633.65	2788.4	1251.6

#1	.00012	-.00007	-.01175	.00061	.00030	.00009	-.00060
#2	.00012	.00014	-.04509	.00075	-.00016	.00009	.00043
#3	.00014	-.00009	-.02325	.00018	-.00003	-.00016	.00031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00206	-.00073	-.00012	.11128	.00058	-.00037
Stddev	.00006	.10315	.00021	.00053	.01209	.00060	.00007
%RSD	525.23	5004.5	29.032	454.60	10.865	103.20	18.214

#1	-.00002	-.09532	-.00092	.00002	.11970	.00123	-.00044
#2	.00006	.11014	-.00076	-.00071	.11672	.00006	-.00033
#3	-.00007	-.00864	-.00050	.00033	.09743	.00045	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01272	.00081	.01270	.00111	.00240	.00042	.00194
Stddev	.02817	.00031	.01671	.00399	.00124	.00144	.00408
%RSD	221.37	37.589	131.60	357.56	51.839	341.38	210.64

#1	.01585	.00097	.02928	.00027	.00101	.00079	-.00229
#2	-.01357	.00046	-.00415	-.00238	.00276	.00165	.00585
#3	-.04046	.00101	.01297	.00546	.00341	-.00117	.00226

Sample Name: PB121530BL Acquired: 7/25/2019 13:46:33 Type: Unk
Method: P4-ICP2(v3287) 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	-.00262	-.0022	.00006	F 2.6176	F 495.24
Stddev	.00283	.0005	.00021	.1205	138.39
%RSD	107.83	22.55	382.70	4.6024	27.944

#1	.00059	-.0028	.00004	2.7310	399.98
#2	-.00370	-.0019	.00028	2.6306	431.76
#3	-.00475	-.0019	-.00015	2.4912	653.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.5	26593.	1761.7	29.366	2234.0
Stddev	6.2	64.	5.2	.980	2.1
%RSD	.29862	.24140	.29461	3.3370	.09212

#1	2063.4	26594.	1757.6	28.370	2236.3
#2	2054.7	26657.	1760.0	29.398	2232.4
#3	2066.6	26529.	1767.5	30.330	2233.2

Sample Name: CCV02 Acquired: 7/25/2019 13:53:31 Type: Unk
Method: P4-ICP2(v3287) 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	4.8840	4.8680	4.8165	4.9206	4.8938	9.5494	9.7496
Stddev	.0077	.0087	.0113	.0082	.0071	.0313	.0658
%RSD	.15694	.17876	.23420	.16610	.14553	.32722	.67442

#1	4.8776	4.8617	4.8078	4.9259	4.8995	9.5854	9.8141
#2	4.8820	4.8779	4.8293	4.9247	4.8858	9.5299	9.6827
#3	4.8925	4.8644	4.8125	4.9112	4.8960	9.5329	9.7521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24636	2.4007	24.622	.98405	2.4164	1.2244	4.8962
Stddev	.00044	.0042	.107	.00134	.0059	.0037	.0094
%RSD	.18037	.17638	.43469	.13665	.24435	.30431	.19230

#1	.24642	2.3990	24.666	.98402	2.4131	1.2276	4.8929
#2	.24677	2.4055	24.500	.98541	2.4232	1.2203	4.9068
#3	.24589	2.3975	24.700	.98272	2.4128	1.2253	4.8889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4110	24.450	2.4056	1.2212	24.359	2.4508	2.4148
Stddev	.0214	.224	.0043	.0033	.200	.0055	.0040
%RSD	.88781	.91503	.17769	.26760	.81987	.22424	.16366

#1	2.4337	24.660	2.4052	1.2230	24.562	2.4457	2.4132
#2	2.4082	24.215	2.4100	1.2231	24.163	2.4502	2.4193
#3	2.3912	24.476	2.4015	1.2174	24.353	2.4566	2.4119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.839	4.8804	4.7129	4.8111	4.8621	4.8111	4.8649
Stddev	.252	.0097	.0224	.0181	.0204	.0080	.0246
%RSD	1.0575	.19774	.47468	.37598	.41906	.16591	.50617

#1	24.105	4.8849	4.7006	4.8036	4.8409	4.8190	4.8932
#2	23.604	4.8694	4.7387	4.8317	4.8815	4.8113	4.8536
#3	23.806	4.8871	4.6993	4.7979	4.8638	4.8030	4.8480

Sample Name: CCV02 Acquired: 7/25/2019 13:53:31 Type: Unk
Method: P4-ICP2(v3287) 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	4.7302	4.937	4.7858	F 3.7828	F 334.59
Stddev	.0126	.005	.0159	.3224	254.20
%RSD	.26643	.0974	.33317	8.5238	75.973
#1	4.7314	4.932	4.8017	3.4827	132.06
#2	4.7421	4.940	4.7698	3.7419	619.85
#3	4.7170	4.940	4.7860	4.1237	251.87
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.0	25631.	1750.3	27.563	2009.5
Stddev	3.3	193.	9.9	.291	6.2
%RSD	.16339	.75220	.56786	1.0554	.31054
#1	1990.8	25419.	1744.3	27.819	2010.3
#2	1993.7	25680.	1744.8	27.623	2002.9
#3	1997.3	25796.	1761.7	27.246	2015.3

Sample Name: CCB02 Acquired: 7/25/2019 13:57:28 Type: Unk
Method: P4-ICP2(v3287) 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	-.00257	.00069	.00178	.00088	.00451	-.01108	.00046
Stddev	.00385	.00236	.00044	.00039	.00261	.00539	.00040
%RSD	149.73	340.40	24.998	44.464	57.866	48.691	86.243

#1	-.00459	.00268	.00157	.00085	.00752	-.00727	.00044
#2	.00187	-.00191	.00229	.00128	.00299	-.00871	.00087
#3	-.00500	.00131	.00148	.00050	.00302	-.01725	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	-.00817	.00053	.00014	.00038	-.00053
Stddev	.00009	.00003	.01057	.00045	.00033	.00037	.00078
%RSD	382.82	146.02	129.28	84.723	232.69	96.550	146.14

#1	.00011	.00001	-.01979	.00016	.00052	.00074	-.00078
#2	-.00007	-.00001	.00087	.00103	-.00010	-.00000	.00034
#3	.00004	-.00005	-.00560	.00041	.00001	.00042	-.00116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.10477	-.00022	.00041	.08381	.00051	-.00051
Stddev	.00008	.04257	.00052	.00017	.01738	.00054	.00011
%RSD	296.44	40.633	239.42	41.099	20.743	106.28	21.039

#1	.00010	.08228	-.00054	.00060	.06389	-.00011	-.00050
#2	.00006	.15387	-.00050	.00032	.09161	.00087	-.00062
#3	-.00007	.07817	.00039	.00031	.09592	.00078	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03374	.00066	-.01599	-.00424	.00330	.00060	-.00026
Stddev	.04580	.00015	.01533	.00207	.00257	.00124	.00096
%RSD	135.77	23.417	95.865	48.909	77.792	208.81	375.05

#1	-.00633	.00075	-.03009	-.00211	.00570	.00084	.00030
#2	.02387	.00075	.00033	-.00436	.00361	-.00075	-.00136
#3	.08367	.00048	-.01822	-.00625	.00059	.00170	.00029

Sample Name: CCB02 Acquired: 7/25/2019 13:57:28 Type: Unk
 Method: P4-ICP2(v3287) 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	-.00355	.0000	.00016	F 2.4590	F 483.54
Stddev	.00255	.0028	.00009	.3436	16.36
%RSD	72.022	5778.	57.698	13.974	3.3828

#1	-.00193	-.0031	.00026	2.1234	494.92
#2	-.00649	.0012	.00016	2.4436	490.90
#3	-.00222	.0021	.00007	2.8101	464.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.2	26304.	1749.5	29.429	2236.5
Stddev	6.5	33.	13.6	.449	4.2
%RSD	.31671	.12521	.77660	1.5263	.18970

#1	2050.1	26284.	1737.8	29.050	2233.2
#2	2058.6	26342.	1746.3	29.311	2234.9
#3	2062.9	26286.	1764.4	29.925	2241.3

Sample Name: K3934-13A Acquired: 7/25/2019 14:01:58 Type: Unk
Method: P4-ICP2(v3287) 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	.76643	1.8851	1.3948	1.8662	.72583	41.185	.65526
Stddev	.00503	.0084	.0020	.0042	.00213	.111	.00360
%RSD	.65646	.44847	.14562	.22273	.29355	.27050	.55013

#1	.77171	1.8896	1.3967	1.8639	.72728	41.310	.65460
#2	.76587	1.8904	1.3927	1.8710	.72684	41.097	.65203
#3	.76170	1.8754	1.3949	1.8636	.72339	41.147	.65915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19817	.19352	135.19	.42774	.23007	.52574	51.248
Stddev	.00068	.00082	.59	.00203	.00081	.00204	.318
%RSD	.34108	.42467	.43995	.47500	.35418	.38843	.62073

#1	.19881	.19356	135.52	.42998	.23012	.52758	51.193
#2	.19823	.19432	134.50	.42724	.23086	.52610	50.960
#3	.19746	.19268	135.55	.42601	.22924	.52354	51.590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4079	43.807	.55129	.06777	225.12	.37118	.94597
Stddev	.0203	.357	.00065	.00067	.65	.00024	.00324
%RSD	.59613	.81529	.11811	.98226	.28822	.06345	.34289

#1	3.4280	43.589	.55067	.06812	225.26	.37142	.94677
#2	3.3874	43.613	.55197	.06700	224.41	.37095	.94873
#3	3.4083	44.219	.55124	.06818	225.69	.37118	.94240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.066	.40129	.50417	F 54.408	F 45.183	.72147	1.0532
Stddev	.256	.00144	.01107	.195	.322	.00336	.0078
%RSD	.63986	.35835	2.1957	.35881	.71319	.46619	.74383

#1	40.309	.40010	.51048	54.489	45.552	.72116	1.0443
#2	39.798	.40289	.51063	54.549	45.041	.72497	1.0593
#3	40.092	.40087	.49138	54.185	44.957	.71826	1.0560

Sample Name: K3934-13A Acquired: 7/25/2019 14:01:58 Type: Unk
 Method: P4-ICP2(v3287) 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	.25538	8.829	.81057	4.0910	F<.00000
Stddev	.00057	.011	.00328	.1229	22.229
%RSD	.22209	.1193	.40514	3.0048	11.846

#1	.25559	8.831	.81403	4.1991	-184.63
#2	.25474	8.817	.80749	4.1166	-167.09
#3	.25582	8.838	.81018	3.9572	-211.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.1	25249.	1768.1	27.298	1889.5
Stddev	6.0	167.	14.7	.583	6.5
%RSD	.30298	.66243	.83160	2.1355	.34303

#1	1984.6	25066.	1751.2	27.542	1890.3
#2	1979.3	25395.	1778.2	26.632	1882.6
#3	1991.3	25285.	1774.8	27.719	1895.5

Sample Name: K3934-16 Acquired: 7/25/2019 14:06:11 Type: Unk
Method: P4-ICP2(v3287) 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	.01658	-.00683	.94171	.01490	.02750	22.056	.59649
Stddev	.00343	.00156	.00254	.00472	.00249	.175	.00797
%RSD	20.683	22.862	.26937	31.716	9.0521	.79156	1.3368

#1	.01997	-.00504	.94178	.01035	.02741	21.855	.58779
#2	.01667	-.00787	.94421	.01978	.02506	22.143	.60346
#3	.01311	-.00759	.93914	.01455	.03004	22.170	.59821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00009	167.81	.03338	.01371	.26212	28.358
Stddev	.00006	.00004	.65	.00033	.00016	.00035	.010
%RSD	3.3839	47.586	.38938	.97554	1.1951	.13228	.03360

#1	.00163	-.00010	168.51	.03302	.01353	.26247	28.368
#2	.00174	-.00004	167.22	.03366	.01376	.26209	28.349
#3	.00172	-.00013	167.70	.03347	.01385	.26178	28.359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50664	26.265	.02702	.00096	443.42	.05949	.63006
Stddev	.00059	.372	.00006	.00044	6.81	.00030	.00030
%RSD	.11582	1.4172	.22094	45.625	1.5349	.50512	.04733

#1	.50718	25.852	.02703	.00060	435.56	.05917	.63037
#2	.50672	26.574	.02696	.00085	447.56	.05976	.63002
#3	.50601	26.369	.02707	.00145	447.13	.05955	.62978

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.303	.02811	.57394	F 87.048	F 43.764	.00652	.56486
Stddev	.267	.00028	.00961	.052	.406	.00124	.00082
%RSD	.63150	1.0015	1.6736	.05989	.92777	19.023	.14552

#1	41.998	.02833	.57960	87.015	44.177	.00526	.56569
#2	42.493	.02779	.57937	87.108	43.365	.00774	.56405
#3	42.418	.02821	.56285	87.022	43.749	.00655	.56484

Sample Name: K3934-16 Acquired: 7/25/2019 14:06:11 Type: Unk
Method: P4-ICP2(v3287) 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	.05506	1.828	1.0211	4.6059	F 894.38
Stddev	.00222	.003	.0041	.0534	138.52
%RSD	4.0354	.1390	.40046	1.1600	15.488

#1	.05253	1.830	1.0257	4.5473	749.04
#2	.05597	1.829	1.0180	4.6519	909.22
#3	.05669	1.825	1.0195	4.6186	1024.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.2	24592.	1768.6	27.014	1884.2
Stddev	8.3	98.	20.8	1.670	3.0
%RSD	.42346	.40024	1.1758	6.1824	.15679

#1	1942.9	24525.	1744.8	25.187	1883.3
#2	1958.7	24546.	1783.4	27.392	1881.8
#3	1954.9	24705.	1777.5	28.462	1887.5

Sample Name: PB121707BL Acquired: 7/25/2019 14:10:37 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121707BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	-.00001	-.00113	-.00106	.00229	-.01512	.00055
Stddev	.00206	.00080	.00114	.00202	.00200	.02651	.00029
%RSD	79.776	5494.0	100.53	190.57	87.569	175.32	51.874

#1	-.00222	.00025	.00016	.00126	.00015	.00332	.00058
#2	-.00480	-.00091	-.00196	-.00202	.00258	-.00319	.00025
#3	-.00073	.00062	-.00159	-.00242	.00413	-.04549	.00082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00010	-.03649	.00024	-.00003	.00007	.00229
Stddev	.00008	.00010	.02921	.00049	.00012	.00019	.00036
%RSD	348.14	95.753	80.045	205.55	448.91	281.01	15.701

#1	-.00007	.00001	-.04149	-.00005	-.00012	-.00003	.00206
#2	-.00006	-.00016	-.00510	-.00004	-.00007	-.00006	.00270
#3	.00007	-.00016	-.06287	.00081	.00011	.00029	.00211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03748	-.00079	-.00045	.31840	.00044	-.00008
Stddev	.00007	.01693	.00037	.00025	.02148	.00037	.00012
%RSD	194.94	45.166	46.460	57.088	6.7472	85.113	138.86

#1	-.00004	.01793	-.00121	-.00027	.33851	.00079	.00002
#2	.00006	.04698	-.00052	-.00074	.32092	.00047	-.00021
#3	.00009	.04752	-.00064	-.00033	.29577	.00005	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13244	.00015	-.02037	.00299	.00462	-.00114	-.00358
Stddev	.02515	.00023	.01368	.00269	.00194	.00072	.00353
%RSD	18.991	157.74	67.173	90.004	41.997	63.070	98.608

#1	.14116	.00038	-.00727	.00098	.00651	-.00031	-.00221
#2	.15206	.00012	-.01927	.00605	.00472	-.00147	-.00760
#3	.10409	-.00007	-.03458	.00194	.00263	-.00163	-.00095

Sample Name: PB121707BL Acquired: 7/25/2019 14:10:37 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121707BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.0021	-.00016	F 3.1923	F 565.08
Stddev	.00155	.0014	.00002	.1150	89.12
%RSD	877.66	68.07	13.942	3.6019	15.771

#1	.00096	-.0033	-.00018	3.1404	462.53
#2	-.00195	-.0023	-.00014	3.1124	608.93
#3	.00046	-.0006	-.00014	3.3240	623.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.6	26476.	1743.9	28.509	2197.2
Stddev	.9	62.	4.6	.487	3.4
%RSD	.04278	.23266	.26147	1.7100	.15619

#1	2029.8	26407.	1748.9	28.998	2198.8
#2	2028.6	26498.	1742.8	28.507	2193.2
#3	2030.3	26524.	1740.0	28.023	2199.5

Sample Name: PB121707BS Acquired: 7/25/2019 14:15:06 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121707BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74200	1.9037	.95026	1.8593	.79391	1.9151	.19824
Stddev	.00121	.0031	.00181	.0056	.00118	.0107	.00114
%RSD	.16308	.16011	.19000	.30155	.14901	.55594	.57572

#1	.74150	1.9063	.95212	1.8571	.79484	1.9049	.19769
#2	.74113	1.9004	.95015	1.8551	.79258	1.9261	.19955
#3	.74338	1.9045	.94852	1.8657	.79432	1.9144	.19748

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19449	.18614	1.0967	.41729	.19662	.31893	3.2044
Stddev	.00021	.00032	.0328	.00096	.00041	.00045	.0025
%RSD	.10862	.17270	2.9900	.23056	.20657	.14100	.07820

#1	.19455	.18645	1.0589	.41719	.19615	.31884	3.2073
#2	.19426	.18617	1.1174	.41831	.19686	.31942	3.2030
#3	.19467	.18581	1.1138	.41639	.19685	.31853	3.2029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20875	2.0684	.49165	.07108	3.0674	.30858	.20289
Stddev	.00069	.0524	.00091	.00099	.0257	.00080	.00020
%RSD	.33207	2.5351	.18442	1.3912	.83944	.26019	.10029

#1	.20807	2.1204	.49214	.06994	3.0377	.30799	.20271
#2	.20945	2.0693	.49060	.07165	3.0806	.30824	.20311
#3	.20871	2.0155	.49220	.07166	3.0838	.30949	.20286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3598	.39742	.27022	F .02821	.87262	.65804	.20248
Stddev	.0254	.00109	.00387	.00109	.00491	.00160	.00134
%RSD	.27118	.27455	1.4320	3.8591	.56266	.24318	.66298

#1	9.3801	.39728	.26577	.02749	.87361	.65646	.20112
#2	9.3313	.39640	.27282	.02947	.86729	.65966	.20380
#3	9.3679	.39857	.27207	.02769	.87696	.65801	.20252

Sample Name: PB121707BS Acquired: 7/25/2019 14:15:06 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121707BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20310	5.483	.20854	F 2.2810	F 100.26
Stddev	.00118	.003	.00141	.0716	128.14
%RSD	.57863	.0609	.67728	3.1404	127.81

#1	.20307	5.486	.20696	2.3047	-44.036
#2	.20429	5.481	.20897	2.2005	200.75
#3	.20194	5.480	.20968	2.3378	144.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.1	26906.	1757.7	29.580	2238.9
Stddev	8.7	65.	9.7	.743	6.7
%RSD	.41841	.24031	.55158	2.5113	.30128

#1	2075.8	26963.	1752.4	29.993	2240.7
#2	2081.8	26921.	1768.9	28.723	2244.6
#3	2064.7	26836.	1751.9	30.025	2231.5

Sample Name: PB121702BL Acquired: 7/25/2019 14:19:11 Type: Unk
Method: P4-ICP2(v3287) 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	-.00406	-.00016	-.00184	.00069	-.00036	-.00100	.00009
Stddev	.00045	.00271	.00085	.00253	.00369	.01521	.00060
%RSD	11.019	1679.4	46.547	368.23	1027.0	1519.5	652.28

#1	-.00367	.00281	-.00085	.00248	-.00388	.01616	.00075
#2	-.00455	-.00250	-.00233	-.00221	.00349	-.01283	-.00041
#3	-.00396	-.00080	-.00233	.00180	-.00069	-.00633	-.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	-.01008	.00010	.00002	.00073	.00103
Stddev	.00015	.00001	.01914	.00019	.00015	.00077	.00044
%RSD	841.73	52.069	189.94	179.44	897.64	105.54	42.442

#1	-.00013	-.00004	-.02399	.00025	.00012	-.00015	.00145
#2	.00002	-.00003	.01175	.00017	.00008	.00107	.00058
#3	.00016	-.00001	-.01799	-.00011	-.00015	.00126	.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.08569	-.00074	-.00053	.12273	.00016	-.00023
Stddev	.00005	.03988	.00107	.00035	.02069	.00053	.00015
%RSD	160.85	46.536	143.43	66.998	16.856	330.99	65.033

#1	.00009	.04025	.00004	-.00087	.11556	-.00012	-.00022
#2	-.00002	.10195	-.00196	-.00056	.14605	.00077	-.00008
#3	.00003	.11486	-.00031	-.00016	.10659	-.00017	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02289	.00005	-.01398	F -.01695	.00110	-.00087	-.00123
Stddev	.03023	.00007	.01262	.00364	.00187	.00059	.00333
%RSD	132.10	129.40	90.261	21.442	169.86	67.637	271.25

#1	.00045	.00008	-.01336	-.01417	.00287	-.00119	-.00086
#2	-.05704	-.00003	-.00168	-.01562	-.00086	-.00123	.00191
#3	-.01207	.00010	-.02690	-.02107	.00129	-.00019	-.00473

Sample Name: PB121702BL Acquired: 7/25/2019 14:19:11 Type: Unk
Method: P4-ICP2(v3287) 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	-0.00505	-0.0025	-0.00002	F 2.8740	F 471.17
Stddev	.00181	.0003	.00010	.0941	109.47
%RSD	35.722	11.50	461.98	3.2735	23.233

#1	-0.00373	-0.0024	.00009	2.9670	485.78
#2	-0.00711	-0.0028	-0.00003	2.8763	355.14
#3	-0.00432	-0.0022	-0.00012	2.7789	572.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.0	25792.	1707.5	27.610	2177.8
Stddev	4.5	130.	12.7	1.144	7.2
%RSD	.22242	.50407	.74535	4.1425	.33128

#1	2001.7	25654.	1700.1	26.357	2172.8
#2	1999.3	25810.	1722.2	28.598	2174.6
#3	2007.9	25912.	1700.2	27.875	2186.1

Sample Name: K3614-01 Acquired: 7/25/2019 14:23:38 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: BU-03-072419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16746	-.01451	.10373	.05823	.01009	142.88	.29889
Stddev	.00384	.00128	.00135	.00349	.00211	.59	.00309
%RSD	2.2934	8.8546	1.3055	5.9943	20.888	.41090	1.0339

#1	.16850	-.01310	.10246	.05438	.00791	142.23	.29622
#2	.16320	-.01482	.10516	.06118	.01024	143.06	.29818
#3	.17067	-.01561	.10356	.05913	.01211	143.36	.30227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01438	-.00063	41.959	.62183	.05355	.50016	389.42
Stddev	.00008	.00023	.417	.00420	.00005	.00190	.93
%RSD	.56866	36.538	.99461	.67598	.09159	.38054	.23937

#1	.01447	-.00084	42.345	.62668	.05356	.50025	390.07
#2	.01432	-.00066	42.015	.61953	.05360	.50202	388.35
#3	.01435	-.00038	41.516	.61927	.05350	.49822	389.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3832	33.298	.08112	-.02695	2.4526	.57890	.53797
Stddev	.0056	.214	.00085	.00074	.0408	.00526	.00207
%RSD	.40607	.64325	1.0533	2.7281	1.6645	.90856	.38562

#1	1.3820	33.067	.08025	-.02773	2.4055	.57890	.53659
#2	1.3783	33.490	.08196	-.02688	2.4778	.58416	.53696
#3	1.3894	33.337	.08116	-.02626	2.4745	.57364	.54035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.923	.00578	.07744	5.0186	3.8660	.01754	1.4154
Stddev	.113	.00029	.00616	.0110	.0678	.00108	.0152
%RSD	.37650	4.9326	7.9593	.21977	1.7525	6.1397	1.0711

#1	29.811	.00611	.07044	5.0163	3.9379	.01672	1.4319
#2	29.922	.00567	.07986	5.0089	3.8569	.01876	1.4123
#3	30.036	.00557	.08203	5.0306	3.8033	.01713	1.4020

Sample Name: K3614-01 Acquired: 7/25/2019 14:23:38 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: BU-03-072419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09894	7.724	-.18839	<.00000	F<.00000
Stddev	.00173	.022	.00126	.21485	365.89
%RSD	1.7510	.2796	.67092	9.4424	3.3612

#1	.09752	7.715	-.18779	-2.0315	-10550.
#2	.09844	7.749	-.18754	-2.4369	-11276.
#3	.10087	7.709	-.18984	-2.3577	-10831.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.8	27611.	1903.6	26.694	1909.5
Stddev	10.3	53.	37.1	.761	7.5
%RSD	.47340	.19191	1.9479	2.8500	.39514

#1	2187.2	27550.	1866.5	27.089	1912.4
#2	2184.1	27645.	1903.8	25.817	1915.3
#3	2168.0	27637.	1940.6	27.175	1901.0

Sample Name: K3952-01 Acquired: 7/25/2019 14:28:04 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 30716045.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00175	.02384	.01131	.00066	25.798	.21261
Stddev	.00233	.00117	.00094	.00417	.00265	.158	.00313
%RSD	5756.9	66.882	3.9447	36.885	400.47	.61080	1.4703

#1	.00106	-.00043	.02278	.01613	.00227	25.639	.20910
#2	-.00272	-.00214	.02457	.00874	-.00239	25.800	.21366
#3	.00154	-.00266	.02418	.00907	.00210	25.954	.21508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00017	16.521	.01547	.00120	.49407	10.490
Stddev	.00002	.00004	.018	.00025	.00018	.00066	.011
%RSD	15.200	21.139	.11085	1.6425	14.993	.13299	.10892

#1	.00012	.00021	16.541	.01523	.00101	.49483	10.493
#2	.00016	.00015	16.505	.01574	.00137	.49375	10.500
#3	.00015	.00014	16.517	.01543	.00122	.49364	10.478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72718	5.4852	.00976	.00129	5.1325	.01757	.44406
Stddev	.00201	.0630	.00057	.00017	.0805	.00016	.00022
%RSD	.27707	1.1487	5.8099	13.547	1.5680	.93450	.05056

#1	.72930	5.4126	.01030	.00113	5.0396	.01741	.44430
#2	.72695	5.5173	.00917	.00147	5.1814	.01774	.44401
#3	.72529	5.5257	.00980	.00125	5.1764	.01755	.44386

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4352	.00634	.04830	6.9528	2.1656	.01368	.09436
Stddev	.0269	.00015	.01480	.0240	.0358	.00032	.00176
%RSD	.36231	2.3331	30.646	.34476	1.6527	2.3208	1.8680

#1	7.4107	.00623	.03648	6.9325	2.2064	.01331	.09600
#2	7.4640	.00651	.04352	6.9467	2.1511	.01389	.09458
#3	7.4309	.00629	.06491	6.9793	2.1394	.01383	.09250

Sample Name: K3952-01 Acquired: 7/25/2019 14:28:04 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 30716045.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00572	F 28.68	.12267	2.4317	F 375.39
Stddev	.00055	.05	.00037	.1155	125.43
%RSD	9.5382	.1737	.30081	4.7475	33.413

#1	-.00591	28.71	.12241	2.4282	518.01
#2	-.00511	28.70	.12310	2.5488	282.22
#3	-.00615	28.62	.12251	2.3180	325.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.7	26893.	1806.0	29.858	2203.7
Stddev	5.6	80.	26.4	1.531	6.5
%RSD	.26889	.29738	1.4643	5.1274	.29364

#1	2072.6	26801.	1775.5	28.114	2197.1
#2	2080.0	26930.	1822.0	30.977	2204.2
#3	2083.5	26947.	1820.6	30.484	2210.0

Sample Name: K3955-01 Acquired: 7/25/2019 14:32:20 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 390716015.0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00273	.11060	.01783	.00222	5.5485	1.5105
Stddev	.00272	.00087	.00108	.00238	.00065	.0447	.0012
%RSD	1670.2	31.755	.97259	13.345	29.351	.80522	.07765

#1	.00309	-.00224	.10959	.02030	.00286	5.5403	1.5106
#2	-.00031	-.00222	.11047	.01764	.00225	5.5085	1.5093
#3	-.00229	-.00373	.11173	.01555	.00156	5.5967	1.5116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00177	55.139	.03128	.00406	1.6954	23.453
Stddev	.00008	.00005	.251	.00015	.00016	.0053	.015
%RSD	15.681	2.7739	.45486	.48058	3.9224	.31519	.06475

#1	.00055	.00180	54.863	.03144	.00420	1.6977	23.445
#2	.00043	.00180	55.204	.03115	.00389	1.6892	23.470
#3	.00059	.00171	55.352	.03124	.00408	1.6991	23.443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5058	5.5754	.02371	.00791	3.9947	.01893	1.7513
Stddev	.0028	.0837	.00023	.00041	.0339	.00067	.0061
%RSD	.18748	1.5017	.94967	5.1605	.84952	3.5282	.34898

#1	1.5026	5.6176	.02349	.00772	3.9650	.01922	1.7507
#2	1.5070	5.6296	.02369	.00837	3.9874	.01940	1.7455
#3	1.5079	5.4790	.02394	.00762	4.0317	.01817	1.7577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7298	.01155	.06233	F 22.772	1.5269	.05342	.10352
Stddev	.0623	.00057	.01632	.008	.0188	.00040	.00309
%RSD	3.6005	4.8935	26.179	.03472	1.2288	.74229	2.9808

#1	1.6977	.01090	.08038	22.778	1.5056	.05298	.10707
#2	1.6901	.01187	.05800	22.775	1.5412	.05353	.10153
#3	1.8015	.01188	.04862	22.763	1.5338	.05375	.10194

Sample Name: K3955-01 Acquired: 7/25/2019 14:32:20 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 390716015.0- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00484	F 23.47	.17340	2.2819	F<.00000
Stddev	.00073	.05	.00141	.0703	261.23
%RSD	15.108	.2321	.81138	3.0829	195.93

#1	-.00560	23.48	.17208	2.3379	-270.90
#2	-.00414	23.41	.17322	2.3047	-297.03
#3	-.00479	23.52	.17488	2.2029	167.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.5	26886.	1813.6	28.946	2192.5
Stddev	5.5	56.	5.0	1.737	4.9
%RSD	.26604	.20746	.27308	6.0012	.22144

#1	2068.1	26839.	1814.8	30.929	2189.0
#2	2077.9	26948.	1817.9	27.692	2198.1
#3	2068.6	26872.	1808.2	28.218	2190.4

Sample Name: K3961-03 Acquired: 7/25/2019 14:36:37 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-10-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01369	-.02221	.32789	.03839	.00709	161.04	1.2220
Stddev	.00152	.00030	.00295	.00372	.00228	.62	.0055
%RSD	11.085	1.3641	.90120	9.7028	32.097	.38276	.45191

#1	.01531	-.02229	.33051	.04017	.00838	160.88	1.2162
#2	.01346	-.02246	.32847	.03411	.00844	160.51	1.2227
#3	.01231	-.02187	.32468	.04089	.00446	161.72	1.2272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.00311	50.394	.21289	.16582	.79257	250.05
Stddev	.00013	.00015	.190	.00219	.00022	.00114	.97
%RSD	1.1196	4.7230	.37711	1.0306	.13302	.14324	.38772

#1	.01156	.00317	50.175	.21036	.16572	.79304	251.05
#2	.01163	.00322	50.498	.21398	.16568	.79128	249.11
#3	.01138	.00295	50.509	.21432	.16608	.79340	250.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3945	79.022	.33700	-.01095	15.464	.32765	1.3563
Stddev	.0338	.421	.00102	.00048	.089	.00073	.0019
%RSD	.52899	.53244	.30194	4.4108	.57274	.22403	.14391

#1	6.4327	78.876	.33588	-.01055	15.362	.32681	1.3574
#2	6.3826	78.694	.33786	-.01081	15.509	.32795	1.3541
#3	6.3682	79.496	.33726	-.01149	15.521	.32818	1.3576

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.738	.00333	.04061	1.1473	2.8427	.04767	2.7400
Stddev	.075	.00002	.02087	.0053	.0225	.00074	.0039
%RSD	.42035	.72713	51.386	.45919	.79222	1.5513	.14200

#1	17.745	.00332	.04109	1.1488	2.8222	.04682	2.7378
#2	17.661	.00331	.06124	1.1415	2.8668	.04801	2.7377
#3	17.809	.00336	.01951	1.1517	2.8392	.04817	2.7445

Sample Name: K3961-03 Acquired: 7/25/2019 14:36:37 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-10-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30589	5.924	-.10031	<.00000	F<.00000
Stddev	.00177	.006	.00149	.13297	166.12
%RSD	.57745	.1058	1.4903	3.5086	2.4384
#1	.30654	5.921	-.10203	-3.8104	-6999.4
#2	.30389	5.931	-.09941	-3.6478	-6756.7
#3	.30725	5.919	-.09948	-3.9113	-6681.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.4	31088.	2139.2	25.811	1930.1
Stddev	6.3	80.	3.7	.956	2.2
%RSD	.25814	.25721	.17432	3.7024	.11510
#1	2452.7	30997.	2135.1	26.238	1931.6
#2	2451.4	31146.	2140.3	24.716	1931.1
#3	2441.2	31122.	2142.3	26.478	1927.5

Sample Name: K3983-01 Acquired: 7/25/2019 14:41:12 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04005	-.01752	7.7085	.04019	.00377	132.09	2.5387
Stddev	.00469	.00176	.0498	.00403	.00278	4.75	.0941
%RSD	11.708	10.017	.64569	10.030	73.617	3.5958	3.7063

#1	.04508	-.01847	7.7194	.04384	.00678	137.52	2.6451
#2	.03926	-.01860	7.7519	.04086	.00130	130.05	2.5044
#3	.03581	-.01550	7.6541	.03586	.00324	128.70	2.4665

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00775	.00327	159.89	.16604	.08333	.54571	190.43
Stddev	.00043	.00152	.10	.00822	.00017	.00123	12.74
%RSD	5.4973	46.582	.06423	4.9495	.20737	.22504	6.6921

#1	.00818	.00158	160.00	.17543	.08344	.54516	204.52
#2	.00732	.00367	159.80	.16257	.08342	.54486	187.03
#3	.00773	.00454	159.88	.16013	.08313	.54712	179.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9991	39.325	.15374	-.00926	1.8484	.31852	2.9502
Stddev	.2005	.995	.00063	.00138	.0500	.01703	.0175
%RSD	5.0137	2.5290	.41086	14.903	2.7049	5.3479	.59200

#1	4.2301	40.448	.15302	-.01042	1.9055	.33816	2.9529
#2	3.8969	38.971	.15419	-.00774	1.8270	.30959	2.9661
#3	3.8704	38.556	.15401	-.00963	1.8126	.30781	2.9315

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7578	.00311	.11682	F 16.126	4.4113	.08168	2.2071
Stddev	.2197	.00032	.02740	.025	.1628	.00096	.0018
%RSD	3.2503	10.414	23.453	.15270	3.6904	1.1788	.08311

#1	7.0097	.00283	.12835	16.153	4.2240	.08058	2.2054
#2	6.6578	.00304	.13657	16.105	4.4911	.08236	2.2068
#3	6.6060	.00347	.08554	16.120	4.5187	.08210	2.2090

Sample Name: K3983-01 Acquired: 7/25/2019 14:41:12 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11543	7.262	.35380	<.00000	F<.00000
Stddev	.00395	.023	.01320	1.1323	134.44
%RSD	3.4249	.3192	3.7316	74.280	3.0385

#1	.11168	7.289	.33913	-.22258	-4537.0
#2	.11956	7.248	.35755	-2.2806	-4275.6
#3	.11503	7.249	.36473	-2.0698	-4460.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.6	28697.	2045.1	28.602	1995.3
Stddev	20.6	1202.	16.6	.775	16.3
%RSD	.88475	4.1876	.81350	2.7088	.81736

#1	2323.1	27311.	2028.5	28.284	1987.0
#2	2320.4	29339.	2061.8	29.486	1984.7
#3	2357.4	29441.	2045.0	28.037	2014.0

Sample Name: CCV03 Acquired: 7/25/2019 15:09:34 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15287 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9855	4.8999	4.9158	4.9792	4.9817	9.6881	9.7796
Stddev	.0891	.0840	.1041	.1023	.1149	.0019	.0505
%RSD	1.7880	1.7139	2.1178	2.0539	2.3060	.01955	.51688

#1	5.0826	4.9919	5.0342	5.0946	5.1137	9.6902	9.7536
#2	4.9073	4.8274	4.8388	4.8996	4.9044	9.6869	9.8379
#3	4.9665	4.8803	4.8743	4.9436	4.9269	9.6871	9.7474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24850	2.4385	23.862	.98612	2.4557	1.2539	4.9040
Stddev	.00081	.0524	1.016	.00144	.0553	.0310	.0133
%RSD	.32758	2.1471	4.2597	.14561	2.2506	2.4718	.27072

#1	.24757	2.4983	24.465	.98446	2.5189	1.2896	4.8904
#2	.24907	2.4012	24.432	.98703	2.4166	1.2341	4.9047
#3	.24887	2.4158	22.688	.98686	2.4317	1.2380	4.9170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4442	24.474	2.4335	1.2313	24.266	2.4446	2.4619
Stddev	.0056	.191	.0555	.0033	.125	.0065	.0568
%RSD	.22994	.78225	2.2810	.26762	.51654	.26406	2.3064

#1	2.4434	24.261	2.4968	1.2279	24.150	2.4433	2.5269
#2	2.4502	24.631	2.3929	1.2344	24.399	2.4388	2.4221
#3	2.4390	24.530	2.4109	1.2317	24.249	2.4515	2.4367

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.570	4.9761	4.7098	4.8874	4.7741	4.8725	4.7789
Stddev	.041	.1151	.0369	.0864	.1687	.0907	.1950
%RSD	.17182	2.3131	.78442	1.7688	3.5328	1.8606	4.0804

#1	23.542	5.1080	4.7486	4.9872	4.8877	4.9756	4.9108
#2	23.616	4.8962	4.7058	4.8345	4.8543	4.8050	4.8710
#3	23.552	4.9242	4.6751	4.8405	4.5803	4.8370	4.5549

Sample Name: CCV03 Acquired: 7/25/2019 15:09:34 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15287 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6314	5.039	4.6430	F 3.6759	F 262.91
Stddev	.2084	.090	.1938	.0295	81.11
%RSD	4.5001	1.788	4.1747	.80358	30.852

#1	4.7710	5.142	4.7638	3.6441	356.36
#2	4.7314	4.976	4.7457	3.6811	210.72
#3	4.3918	4.999	4.4194	3.7025	221.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.9	25148.	1768.8	29.470	1970.9
Stddev	44.8	89.	76.0	2.585	42.6
%RSD	2.2963	.35528	4.2975	8.7712	2.1635

#1	1898.4	25046.	1710.6	28.081	1921.9
#2	1979.5	25189.	1741.0	27.876	1999.4
#3	1971.8	25210.	1854.8	32.452	1991.3

Sample Name: CCB03 Acquired: 7/25/2019 15:13:32 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15287 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	.00062	.00064	.00148	.00264	-.02056	-.00049
Stddev	.00128	.00057	.00106	.00147	.00245	.00837	.00003
%RSD	106.54	92.284	164.04	99.469	92.600	40.685	5.9338

#1	-.00218	.00125	.00091	.00044	.00501	-.01970	-.00049
#2	-.00166	.00012	.00154	.00083	.00279	-.02933	-.00053
#3	.00025	.00049	-.00052	.00316	.00012	-.01266	-.00047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00002	-.02178	-.00018	-.00006	-.00022	.00268
Stddev	.00005	.00006	.02987	.00046	.00013	.00020	.00122
%RSD	64.137	290.34	137.13	252.84	196.34	94.398	45.649

#1	.00003	-.00000	-.03032	-.00029	-.00015	-.00026	.00308
#2	.00014	.00003	.01143	-.00057	-.00013	.00001	.00131
#3	.00009	-.00009	-.04645	.00032	.00008	-.00040	.00365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03265	-.00049	.00008	.07615	.00061	-.00009
Stddev	.00007	.04631	.00028	.00039	.00705	.00042	.00012
%RSD	97.192	141.80	57.877	518.67	9.2634	68.622	127.15

#1	.00011	-.00167	-.00079	.00000	.06878	.00098	.00003
#2	-.00001	.08532	-.00044	-.00028	.08284	.00016	-.00021
#3	.00010	.01431	-.00023	.00050	.07683	.00068	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00095	-.00237	F -.01571	.00113	.00023	-.00127
Stddev	.05734	.00021	.00444	.00430	.00131	.00076	.00683
%RSD	7343.4	22.020	186.82	27.350	116.16	337.70	538.38

#1	.02049	.00089	.00234	-.01075	.00260	-.00028	.00262
#2	-.06381	.00078	-.00299	-.01796	.00007	.00110	.00273
#3	.04567	.00118	-.00647	-.01841	.00072	-.00014	-.00915

Sample Name: CCB03 Acquired: 7/25/2019 15:13:32 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15287 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.0013	.00014	F 2.3980	F 263.26
Stddev	.00151	.0011	.00020	.2935	33.09
%RSD	73.863	83.66	146.56	12.239	12.568
#1	-.00127	-.0018	.00028	2.3930	277.32
#2	-.00380	-.0020	-.00009	2.6940	225.47
#3	-.00108	-.0001	.00023	2.1070	287.00
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.1	26034.	1715.1	27.980	2193.9
Stddev	6.9	76.	14.8	.841	5.1
%RSD	.34085	.29277	.86021	3.0066	.23138
#1	2013.2	26003.	1711.2	28.948	2189.1
#2	2024.2	25979.	1702.7	27.564	2193.2
#3	2026.0	26121.	1731.4	27.427	2199.2

Sample Name: K3983-02 Acquired: 7/25/2019 15:18:00 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3092	-.01964	7.8261	.05035	.00888	124.82	2.5362
Stddev	.0066	.00181	.0227	.00437	.00344	.44	.0125
%RSD	.50697	9.2023	.28955	8.6842	38.747	.35312	.49141

#1	1.3105	-.02153	7.8488	.05474	.00632	124.43	2.5245
#2	1.3152	-.01945	7.8035	.05033	.01279	125.30	2.5493
#3	1.3021	-.01793	7.8260	.04599	.00753	124.72	2.5348

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00850	.00557	107.78	.15421	.09466	.63250	279.42
Stddev	.00005	.00015	.60	.00078	.00013	.00153	2.15
%RSD	.53706	2.6831	.55582	.50851	.14182	.24248	.77093

#1	.00855	.00541	108.08	.15372	.09469	.63330	280.92
#2	.00848	.00560	108.17	.15511	.09477	.63073	280.40
#3	.00847	.00571	107.09	.15379	.09451	.63347	276.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1975	34.231	.17051	-.01533	1.6320	.33560	2.9743
Stddev	.0132	.195	.00034	.00060	.0095	.00112	.0080
%RSD	.31344	.56909	.19731	3.9469	.58321	.33461	.27037

#1	4.1988	34.068	.17087	-.01469	1.6241	.33591	2.9828
#2	4.2099	34.178	.17020	-.01539	1.6293	.33653	2.9668
#3	4.1837	34.446	.17045	-.01590	1.6426	.33435	2.9733

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3964	.01642	.01266	6.2169	3.5976	.10541	2.3376
Stddev	.0532	.00036	.01133	.0234	.0277	.00068	.0144
%RSD	.83136	2.2054	89.523	.37603	.76995	.64922	.61743

#1	6.4082	.01660	.00617	6.2050	3.6079	.10522	2.3388
#2	6.3383	.01666	.00606	6.2439	3.6186	.10484	2.3513
#3	6.4426	.01601	.02574	6.2019	3.5662	.10617	2.3226

Sample Name: K3983-02 Acquired: 7/25/2019 15:18:00 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10754	8.520	.11911	<.00000	F<.00000
Stddev	.00238	.017	.00274	.11687	95.711
%RSD	2.2136	.1932	2.2971	4.2666	1.2762

#1	.10717	8.533	.11768	-2.6657	-7402.2
#2	.11009	8.525	.11738	-2.8740	-7593.5
#3	.10537	8.502	.12226	-2.6779	-7502.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.6	29411.	2034.0	27.883	1927.5
Stddev	7.8	176.	23.6	.455	5.4
%RSD	.33747	.59700	1.1626	1.6316	.27849

#1	2320.6	29405.	2022.6	27.383	1923.5
#2	2331.2	29238.	2018.2	27.992	1933.6
#3	2315.9	29589.	2061.2	28.273	1925.3

Sample Name: K3983-03 Acquired: 7/25/2019 15:22:28 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04303	-.01828	7.1358	.03559	.00531	129.86	2.3368
Stddev	.00646	.00135	.0043	.00668	.00239	.87	.0273
%RSD	15.011	7.3701	.06022	18.754	45.112	.66793	1.1686

#1	.03900	-.01970	7.1319	.04021	.00807	129.14	2.3135
#2	.05048	-.01814	7.1404	.02794	.00404	129.61	2.3299
#3	.03960	-.01701	7.1351	.03864	.00381	130.82	2.3668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00741	.00394	132.42	.15832	.08443	.52155	190.29
Stddev	.00007	.00018	.44	.00026	.00017	.00105	1.29
%RSD	.89352	4.6875	.33604	.16115	.20391	.20100	.67764

#1	.00738	.00387	131.93	.15815	.08462	.52115	191.03
#2	.00736	.00414	132.54	.15862	.08427	.52274	188.80
#3	.00748	.00379	132.80	.15820	.08441	.52076	191.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9325	31.091	.15984	-.00926	1.9370	.30845	2.8458
Stddev	.0062	.335	.00114	.00016	.0132	.00189	.0031
%RSD	.15643	1.0760	.71301	1.7129	.68251	.61353	.10984

#1	3.9297	30.729	.15979	-.00945	1.9273	.31059	2.8441
#2	3.9283	31.156	.15872	-.00915	1.9317	.30700	2.8494
#3	3.9396	31.388	.16100	-.00919	1.9521	.30776	2.8439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9672	.00330	-.00127	5.2156	3.4810	.17521	2.1673
Stddev	.0750	.00090	.00845	.0059	.0227	.00144	.0056
%RSD	1.2568	27.376	664.67	.11356	.65261	.82061	.25629

#1	5.9081	.00415	-.01041	5.2176	3.5070	.17399	2.1664
#2	5.9419	.00339	.00033	5.2203	3.4655	.17680	2.1622
#3	6.0515	.00235	.00626	5.2090	3.4703	.17484	2.1733

Sample Name: K3983-03 Acquired: 7/25/2019 15:22:28 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09801	8.842	.37602	<.00000	F<.00000
Stddev	.00369	.009	.00192	.11227	149.63
%RSD	3.7617	.0964	.51015	5.2866	3.3600

#1	.09380	8.851	.37390	-2.1211	-4522.1
#2	.10068	8.834	.37763	-2.0128	-4281.4
#3	.09956	8.842	.37653	-2.2373	-4555.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.0	29743.	2040.3	27.926	1992.8
Stddev	4.4	39.	11.9	.708	2.7
%RSD	.18764	.13137	.58160	2.5340	.13609

#1	2357.8	29708.	2029.5	27.110	1995.1
#2	2349.9	29785.	2038.3	28.368	1989.8
#3	2357.3	29735.	2053.0	28.300	1993.6

Sample Name: K3983-04 Acquired: 7/25/2019 15:26:56 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04117	-.02065	7.5760	.03084	.00365	129.70	2.8167
Stddev	.00074	.00026	.0137	.00386	.00385	.45	.0052
%RSD	1.8079	1.2483	.18052	12.500	105.51	.34588	.18518

#1	.04194	-.02094	7.5730	.03315	.00408	129.65	2.8161
#2	.04112	-.02043	7.5640	.02639	-.00040	129.29	2.8119
#3	.04045	-.02060	7.5909	.03299	.00726	130.18	2.8222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00775	.00371	109.93	.17665	.09203	.52067	193.26
Stddev	.00007	.00022	.93	.00107	.00030	.00046	1.16
%RSD	.92677	6.0409	.84308	.60743	.32086	.08787	.60057

#1	.00775	.00350	108.97	.17748	.09204	.52090	194.52
#2	.00768	.00394	110.82	.17704	.09172	.52096	192.23
#3	.00782	.00368	110.01	.17544	.09231	.52014	193.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4682	32.980	.16736	-.00899	1.6611	.32384	3.0494
Stddev	.0083	.240	.00106	.00058	.0156	.00115	.0083
%RSD	.18567	.72858	.63410	6.4002	.93759	.35371	.27130

#1	4.4731	32.826	.16748	-.00915	1.6703	.32266	3.0496
#2	4.4586	32.859	.16835	-.00948	1.6431	.32494	3.0410
#3	4.4729	33.257	.16624	-.00836	1.6698	.32393	3.0576

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7348	.00260	.00008	4.9628	3.8864	.07710	2.3129
Stddev	.0686	.00035	.01320	.0103	.0521	.00138	.0210
%RSD	1.0188	13.298	15569.	.20800	1.3410	1.7882	.90775

#1	6.6674	.00239	.01530	4.9528	3.8660	.07868	2.2890
#2	6.7323	.00300	-.00682	4.9623	3.9456	.07639	2.3287
#3	6.8046	.00240	-.00823	4.9734	3.8476	.07621	2.3209

Sample Name: K3983-04 Acquired: 7/25/2019 15:26:56 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11159	7.846	.25650	<.00000	F<.00000
Stddev	.00156	.008	.00531	.15618	139.65
%RSD	1.3945	.1039	2.0702	7.2786	3.1283

#1	.10983	7.842	.25089	-2.0116	-4417.8
#2	.11276	7.855	.26144	-2.1085	-4353.7
#3	.11219	7.841	.25717	-2.3172	-4621.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.1	29891.	2049.0	28.605	1991.0
Stddev	4.6	87.	16.8	1.178	3.1
%RSD	.19449	.29188	.81877	4.1198	.15639

#1	2365.7	29799.	2058.3	29.604	1992.6
#2	2365.8	29973.	2029.6	28.906	1992.9
#3	2357.8	29899.	2059.0	27.305	1987.4

Sample Name: K3983-05 Acquired: 7/25/2019 15:31:24 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SP-5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03669	-.01864	9.4021	.03518	.00213	126.43	2.6051
Stddev	.00298	.00121	.0154	.00609	.00115	.97	.0179
%RSD	8.1280	6.5024	.16407	17.316	53.890	.77047	.68735

#1	.03703	-.01853	9.3853	.03775	.00204	125.90	2.5890
#2	.03356	-.01991	9.4155	.02822	.00103	125.83	2.6021
#3	.03950	-.01749	9.4057	.03957	.00332	127.55	2.6244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00743	.00385	167.25	.16003	.08902	.49802	193.35
Stddev	.00003	.00030	.59	.00074	.00042	.00028	1.18
%RSD	.35268	7.9107	.35172	.46374	.46859	.05597	.60827

#1	.00744	.00398	166.58	.16087	.08854	.49781	193.45
#2	.00741	.00408	167.51	.15973	.08917	.49833	192.12
#3	.00746	.00351	167.66	.15948	.08933	.49791	194.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4470	39.184	.16082	-.01071	1.6041	.31411	3.3011
Stddev	.0317	.385	.00158	.00069	.0154	.00112	.0069
%RSD	.49139	.98230	.98024	6.4771	.96143	.35506	.20897

#1	6.4472	39.176	.15928	-.01030	1.5928	.31466	3.2941
#2	6.4152	38.803	.16243	-.01033	1.5978	.31485	3.3014
#3	6.4786	39.572	.16075	-.01152	1.6216	.31283	3.3079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3211	.00323	.02505	4.8409	2.8482	.07965	2.1808
Stddev	.0443	.00049	.01907	.0240	.0290	.00131	.0079
%RSD	.70140	15.116	76.144	.49643	1.0198	1.6467	.36300

#1	6.3565	.00376	.00358	4.8656	2.8556	.08025	2.1728
#2	6.2714	.00280	.04004	4.8176	2.8729	.07815	2.1810
#3	6.3353	.00312	.03152	4.8394	2.8162	.08056	2.1886

Sample Name: K3983-05 Acquired: 7/25/2019 15:31:24 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10973	7.624	.40677	<.00000	F<.00000
Stddev	.00238	.022	.00224	.17862	138.94
%RSD	2.1649	.2914	.55029	9.1976	2.9265

#1	.11122	7.599	.40419	-2.0373	-4907.3
#2	.10699	7.635	.40812	-1.7360	-4681.4
#3	.11097	7.639	.40801	-2.0529	-4654.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.3	29507.	2044.0	27.311	1974.7
Stddev	2.7	112.	2.1	.498	5.2
%RSD	.11524	.37805	.10157	1.8226	.26229

#1	2338.9	29474.	2041.8	27.814	1980.5
#2	2333.5	29631.	2046.0	27.302	1970.6
#3	2336.5	29416.	2044.3	26.818	1973.0

Sample Name: K3986-01 Acquired: 7/25/2019 15:35:58 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 390719028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00215	.03957	.00790	.00166	13.184	.29594
Stddev	.00326	.00159	.00155	.00600	.00127	.196	.00434
%RSD	874.22	73.760	3.9195	75.885	76.732	1.4867	1.4657

#1	.00066	-.00168	.04007	.01426	.00059	13.022	.29164
#2	.00224	-.00086	.03783	.00710	.00307	13.129	.29586
#3	-.00402	-.00393	.04080	.00235	.00132	13.402	.30031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00030	16.206	.01787	.00604	.44373	22.722
Stddev	.00010	.00008	.095	.00064	.00015	.00121	.015
%RSD	24.847	26.188	.58609	3.5890	2.4410	.27367	.06404

#1	.00050	-.00039	16.097	.01717	.00587	.44280	22.738
#2	.00030	-.00024	16.251	.01842	.00610	.44329	22.709
#3	.00045	-.00027	16.271	.01801	.00614	.44511	22.720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2540	2.4335	.01654	.00933	3.0094	.00602	.60183
Stddev	.0050	.0702	.00025	.00074	.0552	.00005	.00105
%RSD	.39706	2.8866	1.5024	7.9511	1.8346	.80998	.17455

#1	1.2598	2.5138	.01655	.00850	2.9737	.00601	.60072
#2	1.2510	2.4027	.01678	.00993	2.9815	.00598	.60197
#3	1.2513	2.3839	.01629	.00957	3.0730	.00608	.60281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8012	.00848	.00027	8.2940	.80847	.01610	.06189
Stddev	.0563	.00018	.01413	.0183	.00907	.00090	.00204
%RSD	2.0109	2.1324	5301.2	.22038	1.1218	5.5682	3.3030

#1	2.7780	.00831	.01659	8.2764	.80404	.01508	.06235
#2	2.7602	.00846	-.00776	8.3129	.81890	.01644	.05966
#3	2.8655	.00867	-.00802	8.2928	.80247	.01677	.06367

Sample Name: K3986-01 Acquired: 7/25/2019 15:35:58 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 390719028 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00921	F 19.34	.06243	1.7398	F<.00000
Stddev	.00265	.02	.00044	.2780	297.07
%RSD	28.718	.0843	.70473	15.977	656.64

#1	-.01220	19.32	.06194	1.4522	235.16
#2	-.00827	19.34	.06278	1.7603	-14.318
#3	-.00717	19.35	.06257	2.0069	-356.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.9	27038.	1809.7	29.745	2252.2
Stddev	7.7	83.	20.3	1.457	5.4
%RSD	.36544	.30547	1.1218	4.8985	.23933

#1	2102.0	27001.	1798.0	29.077	2254.8
#2	2106.3	27132.	1798.0	28.741	2255.8
#3	2091.4	26980.	1833.2	31.416	2246.0

Sample Name: K3990-01 Acquired: 7/25/2019 15:40:14 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16293	-.02716	.34557	.03033	.00356	215.27	1.3964
Stddev	.00155	.00166	.00149	.00151	.00261	.85	.0051
%RSD	.95003	6.1188	.42998	4.9782	73.289	.39624	.36386

#1	.16124	-.02586	.34415	.03051	.00628	214.37	1.3906
#2	.16428	-.02660	.34712	.03174	.00109	215.39	1.3994
#3	.16327	-.02903	.34545	.02874	.00330	216.06	1.3994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01198	.01138	29.807	.18613	.10596	.38653	213.53
Stddev	.00005	.00020	.083	.00074	.00056	.00268	.80
%RSD	.43635	1.7255	.27702	.39826	.53151	.69266	.37548

#1	.01204	.01115	29.868	.18617	.10616	.38496	213.91
#2	.01194	.01145	29.713	.18685	.10640	.38501	214.07
#3	.01196	.01152	29.841	.18537	.10533	.38962	212.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9046	25.784	.15965	-.01306	.43491	.33249	.67959
Stddev	.0264	.309	.00030	.00046	.01101	.00179	.00276
%RSD	.53761	1.1976	.18855	3.5554	2.5311	.53978	.40594

#1	4.9273	25.474	.15953	-.01271	.43346	.33240	.68026
#2	4.8757	25.787	.15943	-.01358	.42469	.33433	.68195
#3	4.9108	26.092	.15999	-.01287	.44657	.33074	.67656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4809	.00311	-.01120	2.6909	2.7731	.03005	1.0465
Stddev	.0071	.00022	.01552	.0164	.0236	.00079	.0101
%RSD	.12940	7.0027	138.65	.60994	.85011	2.6338	.96526

#1	5.4727	.00315	-.00384	2.7074	2.8003	.03082	1.0465
#2	5.4851	.00288	-.02903	2.6908	2.7598	.03010	1.0365
#3	5.4849	.00331	-.00072	2.6745	2.7592	.02924	1.0567

Sample Name: K3990-01 Acquired: 7/25/2019 15:40:14 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06921	F 12.17	-.17272	<.00000	F<.00000
Stddev	.00130	.04	.00077	.22441	86.895
%RSD	1.8765	.2890	.44347	1.7897	.97745

#1	.06979	12.19	-.17300	-12.478	-8803.7
#2	.07012	12.18	-.17330	-12.787	-8888.5
#3	.06773	12.13	-.17185	-12.351	-8977.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.2	41165.	2878.1	27.860	1951.4
Stddev	21.3	69.	28.5	1.375	2.4
%RSD	.64865	.16805	.99062	4.9352	.12346

#1	3292.4	41088.	2845.6	27.965	1951.7
#2	3284.2	41223.	2898.9	29.179	1948.9
#3	3252.2	41182.	2889.8	26.435	1953.7

Sample Name: K3990-02 Acquired: 7/25/2019 15:44:49 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06009	-.01633	.12198	.03880	.00816	472.64	1.1981
Stddev	.00228	.00196	.00388	.00194	.00178	2.07	.0064
%RSD	3.7933	11.998	3.1824	5.0077	21.800	.43742	.53772

#1	.05796	-.01724	.11751	.03887	.00969	470.42	1.1906
#2	.05982	-.01766	.12450	.03683	.00621	472.99	1.2022
#3	.06250	-.01408	.12393	.04071	.00858	474.51	1.2013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01135	-.00375	4.8004	.27981	.08719	.46346	309.01
Stddev	.00009	.00020	.0506	.00050	.00026	.00168	1.37
%RSD	.81191	5.3218	1.0540	.17878	.30384	.36197	.44355

#1	.01132	-.00370	4.8084	.28024	.08706	.46152	309.93
#2	.01128	-.00397	4.7463	.27926	.08750	.46438	309.67
#3	.01146	-.00359	4.8465	.27992	.08702	.46447	307.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9572	6.9166	.14833	-.01940	.49357	.48988	.25885
Stddev	.0034	.1598	.00114	.00016	.00747	.00196	.00075
%RSD	.17212	2.3103	.76565	.80043	1.5134	.40065	.29121

#1	1.9610	6.8717	.14848	-.01954	.48500	.49152	.25800
#2	1.9544	7.0941	.14938	-.01944	.49869	.48771	.25944
#3	1.9563	6.7841	.14712	-.01923	.49702	.49040	.25911

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4271	.00515	-.03791	3.9391	2.4046	.02053	1.3625
Stddev	.0372	.00015	.01338	.0151	.0211	.00026	.0072
%RSD	.68586	2.9027	35.284	.38220	.87779	1.2554	.52930

#1	5.4071	.00502	-.04659	3.9275	2.4221	.02034	1.3564
#2	5.4700	.00511	-.02251	3.9561	2.3812	.02082	1.3608
#3	5.4041	.00531	-.04463	3.9337	2.4106	.02043	1.3705

Sample Name: K3990-02 Acquired: 7/25/2019 15:44:49 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07449	7.699	-.29688	<.00000	F<.00000
Stddev	.00345	.024	.00146	.18602	181.75
%RSD	4.6290	.3169	.49273	20.828	2.2070

#1	.07836	7.672	-.29773	-1.0483	-8051.2
#2	.07175	7.720	-.29772	-.68690	-8414.6
#3	.07337	7.704	-.29519	-.94420	-8240.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.0	27413.	1917.2	27.733	1965.8
Stddev	12.5	31.	12.6	1.500	11.4
%RSD	.56235	.11452	.65749	5.4074	.57983

#1	2218.9	27386.	1907.3	29.464	1963.8
#2	2205.0	27447.	1931.4	26.859	1955.6
#3	2229.9	27405.	1912.8	26.875	1978.1

Sample Name: K3990-03 Acquired: 7/25/2019 15:49:17 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27846	-.02333	.47091	.02726	.00240	150.55	1.4279
Stddev	.00089	.00130	.00264	.00150	.00137	1.41	.0114
%RSD	.32099	5.5708	.56168	5.5062	56.993	.93985	.79661

#1	.27943	-.02481	.46953	.02881	.00258	149.10	1.4157
#2	.27768	-.02284	.47396	.02715	.00095	150.64	1.4299
#3	.27826	-.02235	.46924	.02582	.00366	151.92	1.4382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.01294	10.486	.14387	.09428	.51546	162.28
Stddev	.00010	.00024	.044	.00245	.00043	.00189	1.77
%RSD	.84468	1.8388	.41730	1.7039	.45391	.36632	1.0911

#1	.01149	.01306	10.435	.14350	.09390	.51623	160.37
#2	.01163	.01310	10.511	.14648	.09474	.51331	162.59
#3	.01145	.01267	10.510	.14162	.09419	.51685	163.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9280	13.727	.16081	-.00901	.29003	.25536	.82662
Stddev	.0209	.130	.00037	.00056	.00855	.00151	.00275
%RSD	.53159	.94366	.22742	6.1678	2.9466	.59224	.33321

#1	3.9224	13.634	.16059	-.00935	.28743	.25503	.82576
#2	3.9106	13.671	.16123	-.00931	.28308	.25701	.82971
#3	3.9512	13.875	.16061	-.00837	.29957	.25404	.82440

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5233	.00291	-.02297	4.0091	3.0033	.04463	.86948
Stddev	.0126	.00022	.00418	.0021	.0134	.00107	.00375
%RSD	.27889	7.4336	18.182	.05250	.44441	2.4045	.43131

#1	4.5186	.00266	-.02395	4.0073	3.0109	.04538	.87364
#2	4.5376	.00304	-.01839	4.0114	3.0112	.04510	.86845
#3	4.5137	.00302	-.02657	4.0085	2.9879	.04340	.86635

Sample Name: K3990-03 Acquired: 7/25/2019 15:49:17 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06973	F 13.71	-.10473	<.00000	F<.00000
Stddev	.00124	.03	.00240	.22651	149.13
%RSD	1.7713	.2166	2.2887	1.1746	2.0051

#1	.07113	13.72	-.10205	-19.030	-7301.4
#2	.06927	13.72	-.10549	-19.360	-7596.8
#3	.06879	13.67	-.10666	-19.464	-7413.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3802.2	48576.	3321.4	28.794	1985.6
Stddev	2.2	215.	24.3	.160	7.3
%RSD	.05742	.44196	.73145	.55405	.36528

#1	3799.8	48709.	3293.4	28.951	1986.8
#2	3804.0	48691.	3333.7	28.800	1977.8
#3	3802.8	48329.	3337.1	28.632	1992.2

Sample Name: K3990-04 Acquired: 7/25/2019 15:58:19 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10792	-.02754	.12282	.05148	.01096	243.88	.63806
Stddev	.00427	.00160	.00358	.00661	.00315	.38	.00378
%RSD	3.9527	5.8086	2.9115	12.837	28.782	.15692	.59173

#1	.10946	-.02697	.12682	.05534	.01247	243.86	.63654
#2	.10309	-.02934	.12171	.04385	.01307	243.51	.64235
#3	.11119	-.02630	.11993	.05525	.00733	244.27	.63528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01295	-.00005	7.8695	.34849	.09531	.60796	402.81
Stddev	.00033	.00031	.0387	.00230	.00056	.00234	2.33
%RSD	2.5392	684.41	.49185	.65933	.58679	.38414	.57787

#1	.01330	.00031	7.8253	.35108	.09570	.60560	400.35
#2	.01290	-.00024	7.8973	.34669	.09467	.60801	404.98
#3	.01265	-.00021	7.8860	.34770	.09556	.61027	403.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1916	34.294	.16210	-.03005	.59409	.61607	.57219
Stddev	.0060	.202	.00098	.00120	.00470	.00461	.00352
%RSD	.27408	.58856	.60666	3.9973	.79100	.74823	.61491

#1	2.1980	34.062	.16225	-.03102	.58893	.61665	.56894
#2	2.1906	34.433	.16105	-.02870	.59524	.61120	.57592
#3	2.1861	34.386	.16300	-.03043	.59812	.62036	.57171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.111	.00433	-.05814	4.1344	5.0704	.02091	3.4132
Stddev	.022	.00040	.00833	.0178	.0382	.00170	.0275
%RSD	.20111	9.2146	14.328	.43157	.75249	8.1372	.80565

#1	11.091	.00461	-.06099	4.1469	5.0977	.02239	3.3838
#2	11.135	.00387	-.06468	4.1422	5.0268	.02129	3.4176
#3	11.107	.00451	-.04876	4.1139	5.0867	.01905	3.4383

Sample Name: K3990-04 Acquired: 7/25/2019 15:58:19 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21923	4.589	-.36351	<.00000	F<.00000
Stddev	.00027	.011	.00217	.17298	146.01
%RSD	.12381	.2319	.59588	6.8773	1.1748

#1	.21951	4.600	-.36134	-2.6640	-12351.
#2	.21920	4.589	-.36567	-2.3254	-12339.
#3	.21897	4.579	-.36352	-2.5562	-12597.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.1	27443.	1899.5	27.737	1923.1
Stddev	14.0	81.	2.9	.544	11.8
%RSD	.63708	.29537	.15524	1.9619	.61200

#1	2207.1	27352.	1896.9	27.163	1935.3
#2	2184.1	27472.	1902.7	28.246	1911.9
#3	2182.0	27506.	1898.8	27.801	1922.0

Sample Name: K3990-05 Acquired: 7/25/2019 16:02:46 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-3-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01106	-.07525	.11448	.04518	.00442	307.72	.54637
Stddev	.00140	.00338	.00236	.00397	.00111	2.09	.00450
%RSD	12.646	4.4874	2.0632	8.7787	25.065	.68021	.82421

#1	.00967	-.07528	.11212	.04226	.00490	305.42	.54170
#2	.01246	-.07186	.11684	.04359	.00521	308.22	.54674
#3	.01105	-.07861	.11447	.04970	.00315	309.51	.55068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01024	.01527	332.70	1.0346	.44209	2.0758	390.14
Stddev	.00008	.00006	.49	.0082	.00086	.0011	.61
%RSD	.80390	.38640	.14861	.79065	.19401	.05285	.15727

#1	.01034	.01526	332.79	1.0378	.44290	2.0751	390.56
#2	.01018	.01533	332.17	1.0406	.44218	2.0770	389.44
#3	.01020	.01522	333.14	1.0252	.44119	2.0752	390.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8001	334.81	.90434	-.03521	20.155	1.3220	1.1264
Stddev	.0408	1.96	.00192	.00115	.134	.0038	.0024
%RSD	.60048	.58480	.21196	3.2778	.66611	.28964	.21070

#1	6.8314	332.65	.90216	-.03390	20.002	1.3230	1.1240
#2	6.8149	335.32	.90510	-.03608	20.208	1.3178	1.1264
#3	6.7539	336.47	.90575	-.03565	20.255	1.3253	1.1287

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.111	.00094	1.1163	1.1295	3.5067	.02793	8.5639
Stddev	.072	.00041	.0113	.0063	.0910	.00100	.0269
%RSD	.29868	43.395	1.0126	.56121	2.5960	3.5908	.31377

#1	24.068	.00121	1.1293	1.1232	3.6054	.02677	8.5329
#2	24.194	.00113	1.1110	1.1296	3.4884	.02849	8.5803
#3	24.071	.00047	1.1086	1.1358	3.4261	.02853	8.5785

Sample Name: K3990-05 Acquired: 7/25/2019 16:02:46 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-3-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24209	F 13.43	.58626	<.00000	F<.00000
Stddev	.00333	.01	.00209	.29040	272.11
%RSD	1.3763	.0511	.35569	8.1331	1.8679

#1	.24111	13.42	.58662	-3.6339	-14697.
#2	.23936	13.43	.58402	-3.8241	-14752.
#3	.24580	13.43	.58814	-3.2538	-14256.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.8	28764.	2065.1	24.399	1668.4
Stddev	7.2	35.	15.8	1.085	4.7
%RSD	.31556	.12312	.76488	4.4481	.28428

#1	2275.9	28724.	2047.1	24.239	1666.5
#2	2289.8	28777.	2071.9	25.555	1673.8
#3	2279.7	28790.	2076.4	23.402	1664.9

Sample Name: CCV04 Acquired: 7/25/2019 16:07:22 Type: Unk
Method: P4-ICP2(v3287) 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	5.0004	4.9078	4.8874	5.0040	5.0325	9.7492	9.8518
Stddev	.0074	.0036	.0114	.0154	.0129	.0516	.0210
%RSD	.14875	.07391	.23291	.30817	.25588	.52962	.21312

#1	4.9927	4.9110	4.8822	5.0165	5.0283	9.7314	9.8652
#2	5.0010	4.9038	4.8796	5.0088	5.0223	9.7088	9.8276
#3	5.0076	4.9085	4.9004	4.9868	5.0470	9.8073	9.8627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25031	2.4290	25.008	1.0173	2.4612	1.2487	4.9646
Stddev	.00068	.0038	.082	.0037	.0021	.0024	.0140
%RSD	.27094	.15655	.32921	.35946	.08586	.19032	.28179

#1	.24985	2.4312	24.960	1.0192	2.4635	1.2460	4.9782
#2	.24999	2.4246	25.103	1.0131	2.4606	1.2496	4.9503
#3	.25109	2.4312	24.960	1.0197	2.4595	1.2505	4.9653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4512	24.775	2.4403	1.2410	24.420	2.4935	2.4573
Stddev	.0148	.337	.0041	.0042	.097	.0077	.0027
%RSD	.60397	1.3586	.16801	.33858	.39820	.30773	.11116

#1	2.4650	24.721	2.4358	1.2427	24.488	2.5022	2.4602
#2	2.4356	24.469	2.4439	1.2362	24.309	2.4877	2.4548
#3	2.4531	25.135	2.4412	1.2441	24.464	2.4906	2.4570

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.733	4.9637	4.7321	4.8747	4.9110	4.8601	4.9697
Stddev	.081	.0093	.0752	.0221	.0151	.0086	.0194
%RSD	.34137	.18768	1.5882	.45231	.30687	.17768	.39120

#1	23.706	4.9537	4.7002	4.8877	4.8999	4.8605	4.9527
#2	23.669	4.9653	4.6782	4.8872	4.9281	4.8513	4.9909
#3	23.824	4.9721	4.8180	4.8493	4.9048	4.8686	4.9656

Sample Name: CCV04 Acquired: 7/25/2019 16:07:22 Type: Unk
Method: P4-ICP2(v3287) 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	4.7778	5.073	F 4.3496	F 4.1317	F 453.48
Stddev	.0188	.002	.0109	.2204	75.87
%RSD	.39339	.0457	.24961	5.3336	16.731

#1	4.7620	5.073	4.3450	3.8799	539.24
#2	4.7986	5.070	4.3620	4.2896	426.06
#3	4.7728	5.075	4.3419	4.2256	395.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.9	25297.	1720.5	27.188	1991.0
Stddev	5.0	137.	3.2	.932	1.3
%RSD	.25254	.54110	.18347	3.4296	.06642

#1	1971.5	25194.	1718.2	26.685	1992.1
#2	1964.5	25452.	1719.1	26.615	1991.3
#3	1961.8	25245.	1724.1	28.264	1989.6

Sample Name: CCB04 Acquired: 7/25/2019 16:11:20 Type: Unk
Method: P4-ICP2(v3287) 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	-.00180	-.00035	.00038	-.00000	.00092	-.00528	.00068
Stddev	.00129	.00108	.00092	.00335	.00032	.01217	.00074
%RSD	71.646	312.15	242.12	189130.	34.691	230.29	108.73

#1	-.00183	-.00031	.00046	-.00145	.00129	-.01933	.00027
#2	-.00308	-.00144	-.00058	.00383	.00071	.00166	.00153
#3	-.00050	.00072	.00127	-.00238	.00076	.00182	.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00012	-.00905	.00063	.00001	-.00041	.00344
Stddev	.00007	.00010	.03051	.00004	.00026	.00030	.00035
%RSD	115.41	82.639	337.07	6.1924	2198.2	74.516	10.247

#1	.00002	-.00001	-.04388	.00065	.00009	-.00009	.00385
#2	.00015	-.00021	.00378	.00066	.00023	-.00043	.00322
#3	.00002	-.00013	.01295	.00059	-.00028	-.00070	.00325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.04459	-.00075	-.00012	.04146	.00067	.00005
Stddev	.00004	.02832	.00067	.00109	.02450	.00046	.00026
%RSD	385.40	63.504	88.714	941.74	59.091	68.737	508.44

#1	.00006	.04545	-.00127	.00093	.01337	.00017	.00030
#2	-.00001	.07247	-.00099	-.00125	.05260	.00108	.00007
#3	-.00002	.01586	.00000	-.00003	.05840	.00075	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05354	.00071	-.00713	F -.01137	.00158	.00103	-.00055
Stddev	.08977	.00019	.01846	.00384	.00184	.00007	.00343
%RSD	167.69	26.777	259.15	33.745	116.76	6.7581	620.44

#1	-.02715	.00088	.00723	-.00796	.00055	.00095	.00018
#2	-.15354	.00050	-.02796	-.01552	.00370	.00105	.00245
#3	.02008	.00075	-.00064	-.01063	.00048	.00109	-.00428

Sample Name: CCB04 Acquired: 7/25/2019 16:11:20 Type: Unk
Method: P4-ICP2(v3287) 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	-.00455	-.0022	.00010	F 2.7450	F 314.85
Stddev	.00213	.0016	.00014	.2725	164.77
%RSD	46.795	72.11	136.86	9.9266	52.332
#1	-.00687	-.0035	-.00005	2.4368	382.00
#2	-.00269	-.0027	.00021	2.8446	127.11
#3	-.00408	-.0004	.00014	2.9537	435.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.6	26083.	1741.6	27.713	2189.2
Stddev	4.1	112.	5.2	.507	5.4
%RSD	.20118	.42904	.30020	1.8301	.24635
#1	2022.8	26070.	1736.2	27.355	2186.2
#2	2018.5	25978.	1741.9	28.293	2186.1
#3	2026.6	26201.	1746.6	27.491	2195.5

Sample Name: K3990-06 Acquired: 7/25/2019 16:15:48 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07397	-.01881	.14379	.04472	.00765	279.23	1.1694
Stddev	.00436	.00166	.00322	.00462	.00372	.45	.0006
%RSD	5.8889	8.8061	2.2387	10.331	48.626	.16093	.04722

#1	.06910	-.02071	.14101	.04967	.01095	278.71	1.1691
#2	.07750	-.01799	.14303	.04396	.00837	279.49	1.1700
#3	.07532	-.01772	.14732	.04053	.00362	279.50	1.1689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01160	-.00208	9.9036	.26958	.13967	.43634	289.14
Stddev	.00009	.00027	.1210	.00115	.00072	.00195	.95
%RSD	.81770	13.211	1.2215	.42707	.51256	.44635	.32972

#1	.01149	-.00208	10.033	.26844	.13892	.43409	288.04
#2	.01163	-.00236	9.7932	.27074	.13975	.43754	289.69
#3	.01167	-.00181	9.8846	.26956	.14034	.43738	289.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0850	19.318	.17988	-.01684	.78654	.43873	.41059
Stddev	.0285	.020	.00058	.00011	.00553	.00303	.00020
%RSD	.46781	.10325	.32139	.66071	.70259	.69122	.04811

#1	6.1108	19.310	.18007	-.01675	.78555	.43528	.41070
#2	6.0898	19.341	.18034	-.01696	.78158	.43990	.41036
#3	6.0545	19.303	.17923	-.01679	.79250	.44100	.41070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6089	.00235	-.01282	3.4246	3.3494	.01795	1.5708
Stddev	.0204	.00048	.00937	.0153	.0114	.00070	.0140
%RSD	.26796	20.386	73.047	.44537	.34130	3.8870	.89295

#1	7.5855	.00180	-.02134	3.4155	3.3424	.01797	1.5850
#2	7.6227	.00261	-.01433	3.4161	3.3433	.01724	1.5570
#3	7.6185	.00265	-.00279	3.4422	3.3626	.01863	1.5704

Sample Name: K3990-06 Acquired: 7/25/2019 16:15:48 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13046	6.172	-.26566	<.00000	F<.00000
Stddev	.00151	.010	.00138	.26136	198.43
%RSD	1.1544	.1641	.51943	11.980	2.5753
#1	.13051	6.160	-.26418	-2.0104	-7777.5
#2	.12893	6.176	-.26692	-2.4825	-7857.2
#3	.13194	6.179	-.26587	-2.0520	-7480.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.6	28470.	1966.1	27.553	1943.0
Stddev	9.0	38.	16.2	.835	5.0
%RSD	.39292	.13481	.82458	3.0304	.25701
#1	2287.1	28443.	1948.0	27.411	1947.0
#2	2282.1	28453.	1979.3	26.798	1944.6
#3	2269.7	28514.	1971.1	28.450	1937.4

Sample Name: K3990-07 Acquired: 7/25/2019 16:20:27 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09027	-.02802	.26022	.03424	.00074	185.94	1.2019
Stddev	.00408	.00143	.00444	.00235	.00271	.62	.0047
%RSD	4.5252	5.0925	1.7063	6.8682	368.00	.33430	.39362

#1	.09404	-.02638	.25529	.03545	-.00236	185.24	1.1978
#2	.08593	-.02895	.26390	.03573	.00272	186.16	1.2010
#3	.09084	-.02874	.26147	.03153	.00185	186.42	1.2071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01093	.00944	202.44	.18545	.08238	.35146	202.07
Stddev	.00017	.00003	.68	.00121	.00083	.00045	1.04
%RSD	1.5608	.27073	.33741	.65430	1.0118	.12692	.51509

#1	.01076	.00943	201.70	.18433	.08143	.35196	202.67
#2	.01094	.00942	202.58	.18674	.08297	.35110	202.67
#3	.01110	.00947	203.04	.18528	.08275	.35132	200.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6725	135.84	.14672	-.01293	.87240	.35172	.67269
Stddev	.0016	.42	.00034	.00029	.01669	.00093	.00165
%RSD	.06036	.30756	.23496	2.2597	1.9129	.26459	.24483

#1	2.6712	135.36	.14686	-.01279	.87242	.35065	.67096
#2	2.6743	136.06	.14697	-.01274	.85570	.35228	.67424
#3	2.6720	136.11	.14633	-.01327	.88907	.35224	.67288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7041	.00260	-.02128	1.7181	2.6357	.02550	1.0320
Stddev	.0732	.00033	.00992	.0089	.0150	.00043	.0056
%RSD	1.2830	12.634	46.622	.51881	.56952	1.6933	.53829

#1	5.7183	.00291	-.02683	1.7284	2.6246	.02542	1.0257
#2	5.7691	.00265	-.00982	1.7127	2.6528	.02596	1.0363
#3	5.6248	.00225	-.02718	1.7133	2.6296	.02511	1.0340

Sample Name: K3990-07 Acquired: 7/25/2019 16:20:27 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10882	8.181	-.11816	<.00000	F<.00000
Stddev	.00167	.010	.00169	.23068	199.13
%RSD	1.5311	.1187	1.4314	3.2358	2.8468

#1	.11029	8.189	-.11930	-6.9548	-7055.0
#2	.10701	8.184	-.11896	-7.3907	-7157.2
#3	.10916	8.170	-.11622	-7.0418	-6772.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2796.3	35463.	2502.7	26.392	1760.3
Stddev	2.9	97.	5.1	.538	1.0
%RSD	.10301	.27263	.20261	2.0384	.05453

#1	2794.9	35397.	2496.9	25.897	1759.5
#2	2799.6	35418.	2506.2	26.315	1760.1
#3	2794.3	35574.	2505.1	26.965	1761.3

Sample Name: K3990-08 Acquired: 7/25/2019 16:24:57 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08637	-.01329	.11711	.04024	.00773	296.07	.68257
Stddev	.00311	.00090	.00149	.00388	.00126	2.39	.00419
%RSD	3.6056	6.7628	1.2741	9.6508	16.344	.80580	.61387

#1	.08318	-.01235	.11772	.04285	.00742	295.15	.67957
#2	.08940	-.01415	.11541	.04209	.00666	298.78	.68736
#3	.08654	-.01338	.11820	.03577	.00912	294.29	.68078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01323	-.00272	6.5444	.25765	.11279	.43252	313.75
Stddev	.00015	.00043	.0499	.00444	.00038	.00069	2.55
%RSD	1.1410	15.771	.76264	1.7251	.33780	.15873	.81299

#1	.01323	-.00286	6.4951	.26151	.11280	.43264	315.35
#2	.01338	-.00306	6.5949	.25866	.11316	.43178	315.09
#3	.01308	-.00224	6.5431	.25279	.11240	.43313	310.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4820	13.608	.16081	-.01928	.30436	.46788	.34916
Stddev	.0141	.276	.00045	.00052	.00618	.00487	.00126
%RSD	.95373	2.0282	.28118	2.6774	2.0310	1.0399	.36196

#1	1.4861	13.525	.16129	-.01988	.29927	.47012	.34944
#2	1.4937	13.917	.16039	-.01901	.31124	.47122	.34777
#3	1.4663	13.384	.16075	-.01896	.30259	.46230	.35025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3937	.00399	-.03360	3.7278	3.0193	.01615	1.1897
Stddev	.1347	.00042	.02016	.0032	.0139	.00161	.0093
%RSD	2.1068	10.558	59.999	.08461	.46114	9.9537	.77829

#1	6.4184	.00360	-.02052	3.7273	3.0337	.01578	1.1826
#2	6.5144	.00395	-.05681	3.7249	3.0182	.01791	1.1864
#3	6.2484	.00444	-.02346	3.7312	3.0059	.01475	1.2002

Sample Name: K3990-08 Acquired: 7/25/2019 16:24:57 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13515	6.367	-.29875	<.00000	F<.00000
Stddev	.00550	.010	.00295	.25685	133.90
%RSD	4.0694	.1635	.98615	13.420	1.5959

#1	.12906	6.362	-.30078	-1.6928	-8243.7
#2	.13976	6.361	-.30010	-1.8533	-8506.3
#3	.13663	6.379	-.29537	-2.1957	-8420.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.3	28363.	1936.6	28.302	1975.1
Stddev	3.9	259.	4.2	1.302	3.4
%RSD	.16988	.91189	.21839	4.6007	.16978

#1	2299.7	28240.	1932.0	27.026	1976.1
#2	2299.5	28189.	1937.4	29.629	1977.8
#3	2292.8	28660.	1940.4	28.250	1971.4

Sample Name: K3990-09 Acquired: 7/25/2019 16:29:27 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14266	-.02327	.32266	.02414	-.00014	141.00	1.0498
Stddev	.00233	.00107	.00180	.00468	.00156	.36	.0035
%RSD	1.6335	4.5974	.55863	19.381	1114.4	.25345	.33174

#1	.14517	-.02225	.32071	.02808	-.00138	140.77	1.0506
#2	.14224	-.02317	.32427	.01897	.00161	140.82	1.0460
#3	.14057	-.02438	.32299	.02537	-.00064	141.41	1.0529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01085	.00956	81.608	.20519	.08727	.39403	175.98
Stddev	.00003	.00022	.401	.00131	.00060	.00344	.73
%RSD	.25393	2.2538	.49121	.64051	.69169	.87288	.41523

#1	.01083	.00934	81.805	.20661	.08749	.39792	176.77
#2	.01088	.00978	81.873	.20496	.08659	.39139	175.33
#3	.01084	.00957	81.147	.20401	.08774	.39277	175.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2919	56.569	.13632	-.01075	.65506	.30714	.69259
Stddev	.0042	.031	.00080	.00052	.00700	.00179	.00177
%RSD	.12754	.05564	.58977	4.7953	1.0688	.58318	.25529

#1	3.2962	56.595	.13545	-.01069	.65428	.30701	.69055
#2	3.2878	56.534	.13646	-.01129	.64848	.30899	.69357
#3	3.2917	56.578	.13704	-.01026	.66242	.30542	.69366

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9913	.00264	-.00551	1.8880	2.0933	.02452	.86374
Stddev	.0398	.00019	.00380	.0108	.0302	.00120	.00330
%RSD	.79690	7.2965	68.938	.57085	1.4416	4.9062	.38209

#1	4.9736	.00253	-.00983	1.8816	2.0829	.02332	.86228
#2	4.9634	.00253	-.00402	1.8820	2.1273	.02572	.86752
#3	5.0368	.00287	-.00268	1.9005	2.0697	.02452	.86142

Sample Name: K3990-09 Acquired: 7/25/2019 16:29:27 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06149	F 12.09	-.12078	<.00000	F<.00000
Stddev	.00082	.01	.00052	.28829	117.98
%RSD	1.3401	.0715	.42839	2.4885	1.7684

#1	.06074	12.10	-.12128	-11.401	-6546.2
#2	.06137	12.09	-.12024	-11.917	-6780.3
#3	.06237	12.09	-.12082	-11.437	-6689.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.8	40841.	2829.3	27.608	1925.0
Stddev	18.7	200.	16.3	.960	2.7
%RSD	.58120	.49048	.57526	3.4786	.14253

#1	3192.0	40643.	2814.7	26.901	1928.1
#2	3218.0	41044.	2826.3	27.222	1923.0
#3	3228.3	40838.	2846.8	28.702	1923.9

Sample Name: K3990-10 Acquired: 7/25/2019 16:33:56 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-5-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12920	-.02975	.15386	.05423	.01393	379.17	.94470
Stddev	.00361	.00181	.00105	.00717	.00451	2.48	.00737
%RSD	2.7958	6.0917	.68066	13.224	32.389	.65375	.78037

#1	.13001	-.02813	.15348	.04606	.00897	376.33	.93641
#2	.12525	-.02940	.15306	.05710	.01503	380.88	.94718
#3	.13233	-.03171	.15505	.05951	.01779	380.30	.95052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02020	.00636	8.7007	.30882	.16451	.75818	466.74
Stddev	.00006	.00029	.0525	.00093	.00050	.00260	1.98
%RSD	.31269	4.5727	.60372	.29965	.30642	.34320	.42418

#1	.02015	.00666	8.7413	.30805	.16393	.76100	464.58
#2	.02019	.00608	8.6414	.30856	.16477	.75766	468.47
#3	.02027	.00633	8.7194	.30985	.16483	.75588	467.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9391	12.803	.19901	-.04158	.34471	.65055	.44510
Stddev	.0113	.089	.00125	.00059	.00980	.00564	.00252
%RSD	.38583	.69904	.63026	1.4256	2.8438	.86769	.56617

#1	2.9284	12.740	.19933	-.04092	.34317	.64430	.44742
#2	2.9510	12.764	.20008	-.04207	.35519	.65529	.44242
#3	2.9381	12.905	.19763	-.04175	.33577	.65206	.44546

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0038	.00644	-.12101	3.0602	1.8875	.02633	1.7901
Stddev	.0903	.00030	.02507	.0228	.0075	.00133	.0111
%RSD	1.2894	4.6143	20.719	.74583	.39865	5.0472	.61732

#1	6.9020	.00670	-.11770	3.0600	1.8961	.02722	1.8002
#2	7.0744	.00612	-.14757	3.0831	1.8840	.02697	1.7783
#3	7.0350	.00651	-.09775	3.0374	1.8824	.02481	1.7919

Sample Name: K3990-10 Acquired: 7/25/2019 16:33:56 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09778	F 13.48	-.44571	<.00000	F<.00000
Stddev	.00109	.01	.00267	.16862	277.44
%RSD	1.1100	.1059	.59850	4.1037	1.5290

#1	.09877	13.50	-.44293	-4.0919	-17925.
#2	.09662	13.48	-.44825	-4.2853	-18054.
#3	.09795	13.47	-.44593	-3.9493	-18457.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.6	28651.	1981.4	26.623	1858.1
Stddev	4.8	49.	25.6	1.057	.4
%RSD	.20878	.16933	1.2916	3.9710	.02055

#1	2295.3	28689.	1953.7	27.342	1857.8
#2	2304.7	28596.	2004.1	27.118	1858.5
#3	2301.7	28668.	1986.5	25.409	1857.9

Sample Name: K3990-10DUP Acquired: 7/25/2019 16:38:24 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13181	-.03343	.15443	.05506	.01519	382.02	.95464
Stddev	.00251	.00263	.00134	.00427	.00155	1.98	.00393
%RSD	1.9042	7.8655	.87056	7.7495	10.191	.51851	.41185

#1	.13434	-.03463	.15571	.05038	.01496	379.79	.95168
#2	.12932	-.03041	.15303	.05873	.01377	383.58	.95910
#3	.13177	-.03524	.15456	.05608	.01684	382.68	.95314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02078	.00695	8.9329	.31604	.16604	.77346	474.79
Stddev	.00020	.00008	.0857	.00109	.00056	.00624	.76
%RSD	.95793	1.1830	.95893	.34516	.33914	.80627	.15955

#1	.02090	.00704	8.9289	.31505	.16580	.76796	474.12
#2	.02089	.00690	8.8493	.31588	.16668	.78024	475.61
#3	.02055	.00691	9.0205	.31721	.16563	.77218	474.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9459	13.281	.20402	-.04131	.35163	.65739	.45839
Stddev	.0032	.186	.00144	.00028	.00627	.00323	.00363
%RSD	.10825	1.3994	.70433	.67162	1.7841	.49107	.79104

#1	2.9428	13.071	.20539	-.04126	.35863	.66082	.45837
#2	2.9491	13.350	.20416	-.04161	.34973	.65694	.46203
#3	2.9459	13.423	.20252	-.04107	.34652	.65441	.45478

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0756	.00644	-.09500	3.1193	1.8371	.02596	1.8367
Stddev	.0433	.00047	.02160	.0133	.0056	.00061	.0104
%RSD	.61235	7.2390	22.742	.42666	.30611	2.3449	.56416

#1	7.0290	.00618	-.11036	3.1175	1.8399	.02650	1.8277
#2	7.1147	.00617	-.07029	3.1334	1.8306	.02609	1.8342
#3	7.0830	.00698	-.10433	3.1070	1.8407	.02530	1.8480

Sample Name: K3990-10DUP Acquired: 7/25/2019 16:38:24 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-BDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09986	F 13.86	-.45373	<.00000	F<.00000
Stddev	.00223	.03	.00075	.04007	45.777
%RSD	2.2333	.1802	.16563	1.0446	.24717

#1	.10089	13.86	-.45326	-3.8711	-18468.
#2	.10138	13.89	-.45460	-3.8444	-18548.
#3	.09730	13.84	-.45334	-3.7923	-18546.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.6	28500.	1969.5	25.467	1829.2
Stddev	4.8	39.	11.9	.104	3.0
%RSD	.21169	.13608	.60505	.40723	.16371

#1	2284.7	28519.	1955.9	25.581	1825.8
#2	2292.1	28455.	1978.0	25.377	1831.2
#3	2283.0	28524.	1974.6	25.445	1830.7

Sample Name: K3990-10LX5 Acquired: 7/25/2019 16:42:52 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-BMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03069	-.00291	.02220	.02115	.00262	83.363	.20941
Stddev	.00190	.00245	.00095	.00102	.00033	.313	.00135
%RSD	6.2036	84.363	4.2649	4.8424	12.764	.37576	.64247

#1	.03250	-.00536	.02266	.02002	.00237	83.051	.20787
#2	.02870	-.00046	.02111	.02202	.00300	83.361	.20999
#3	.03086	-.00291	.02283	.02140	.00248	83.678	.21037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00378	1.9694	.07083	.03103	.17625	129.20
Stddev	.00005	.00020	.0302	.00079	.00026	.00114	1.07
%RSD	1.2155	5.2971	1.5322	1.1173	.82463	.64522	.82858

#1	.00434	-.00401	1.9520	.07040	.03112	.17574	130.43
#2	.00443	-.00367	2.0043	.07034	.03075	.17546	128.52
#3	.00442	-.00365	1.9520	.07174	.03124	.17755	128.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67114	2.9786	.03661	-.00648	.09014	.14583	.07576
Stddev	.00279	.0898	.00077	.00004	.00961	.00052	.00021
%RSD	.41524	3.0151	2.1093	.68563	10.658	.35813	.27480

#1	.66923	3.0478	.03677	-.00652	.08072	.14523	.07599
#2	.66986	2.8771	.03729	-.00643	.09993	.14616	.07558
#3	.67434	3.0109	.03577	-.00650	.08979	.14610	.07572

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4410	.00129	-.00185	.57797	.42355	.00455	.40691
Stddev	.0311	.00020	.00777	.00324	.00545	.00033	.00661
%RSD	2.1583	15.791	419.77	.56031	1.2871	7.3192	1.6256

#1	1.4052	.00153	.00566	.58141	.41760	.00463	.40141
#2	1.4571	.00119	-.00985	.57751	.42831	.00483	.40506
#3	1.4608	.00116	-.00136	.57499	.42473	.00418	.41425

Sample Name: K3990-10LX5 Acquired: 7/25/2019 16:42:52 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-5-BMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01694	2.550	-.12698	1.8785	F<.00000
Stddev	.00107	.005	.00136	.1877	267.32
%RSD	6.3019	.2047	1.0745	9.9936	14.770

#1	.01738	2.544	-.12855	1.9668	-1737.3
#2	.01772	2.553	-.12603	2.0058	-1586.5
#3	.01572	2.553	-.12637	1.6629	-2106.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.5	26636.	1781.3	28.858	2086.2
Stddev	4.7	122.	9.5	1.392	7.3
%RSD	.22508	.45839	.53479	4.8237	.34929

#1	2091.3	26504.	1786.2	28.883	2078.2
#2	2094.5	26744.	1770.3	27.453	2088.1
#3	2100.6	26661.	1787.4	30.236	2092.4

Sample Name: K3990-10MS Acquired: 7/25/2019 16:47:20 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75452	1.8939	1.1175	1.5549	.18223	412.40	1.0802
Stddev	.00107	.0087	.0037	.0104	.00102	.99	.0044
%RSD	.14209	.45970	.32633	.67162	.56195	.23965	.40899

#1	.75472	1.9011	1.1216	1.5544	.18298	413.04	1.0834
#2	.75337	1.8963	1.1161	1.5655	.18265	412.90	1.0821
#3	.75549	1.8842	1.1148	1.5447	.18106	411.26	1.0752

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18954	.20002	10.319	.71959	.34370	.96646	453.55
Stddev	.00007	.00035	.092	.00128	.00044	.00260	3.42
%RSD	.03492	.17458	.88856	.17754	.12825	.26865	.75377

#1	.18957	.20041	10.424	.72082	.34360	.96943	457.21
#2	.18947	.19993	10.278	.71827	.34419	.96462	453.01
#3	.18960	.19972	10.256	.71970	.34332	.96533	450.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8547	14.720	.69681	.02405	2.9604	.89454	.63418
Stddev	.0096	.052	.00037	.00050	.0295	.00103	.00156
%RSD	.33723	.35231	.05359	2.0932	.99516	.11540	.24526

#1	2.8656	14.661	.69641	.02450	2.9935	.89343	.63575
#2	2.8473	14.759	.69716	.02413	2.9368	.89547	.63416
#3	2.8513	14.740	.69686	.02351	2.9510	.89472	.63264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.229	.30115	.03794	2.9474	1.8998	.67011	1.9194
Stddev	.101	.00167	.02347	.0079	.0027	.00345	.0062
%RSD	.66213	.55474	61.861	.26898	.14281	.51524	.32425

#1	15.297	.30169	.06484	2.9395	1.8976	.67352	1.9124
#2	15.277	.30248	.02160	2.9553	1.8990	.67021	1.9244
#3	15.113	.29927	.02739	2.9473	1.9029	.66662	1.9213

Sample Name: K3990-10MS Acquired: 7/25/2019 16:47:20 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28352	F 18.96	-.25923	<.00000	F<.00000
Stddev	.00161	.03	.00438	.12420	229.85
%RSD	.56647	.1467	1.6877	3.2291	1.3134

#1	.28277	18.99	-.26358	-3.8665	-17282.
#2	.28536	18.94	-.25928	-3.7134	-17740.
#3	.28242	18.96	-.25483	-3.9594	-17480.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.6	28601.	1963.3	27.348	1868.3
Stddev	10.0	145.	.3	1.105	5.4
%RSD	.43535	.50535	.01700	4.0401	.28861

#1	2295.0	28454.	1962.9	26.767	1862.2
#2	2312.1	28606.	1963.6	28.623	1870.5
#3	2312.6	28743.	1963.4	26.655	1872.3

Sample Name: K3990-10MSD Acquired: 7/25/2019 16:51:41 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-BMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78473	1.9687	1.1698	1.6028	.19612	436.34	1.1450
Stddev	.00653	.0059	.0067	.0068	.00293	3.76	.0062
%RSD	.83246	.30073	.57073	.42457	1.4964	.86172	.54177

#1	.79226	1.9742	1.1771	1.6046	.19947	432.41	1.1382
#2	.78052	1.9624	1.1684	1.6085	.19490	436.71	1.1463
#3	.78142	1.9694	1.1639	1.5952	.19399	439.90	1.1504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19718	.21046	9.9563	.73863	.35737	1.0229	479.69
Stddev	.00020	.00082	.1223	.00154	.00060	.0010	.32
%RSD	.10385	.38736	1.2282	.20827	.16920	.09432	.06709

#1	.19738	.21138	9.9397	.73851	.35781	1.0235	479.73
#2	.19697	.21016	10.086	.74023	.35763	1.0218	479.35
#3	.19719	.20983	9.8431	.73716	.35668	1.0235	479.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8686	14.881	.73508	.02283	3.0483	.93664	.68243
Stddev	.0095	.204	.00033	.00032	.0459	.00678	.00185
%RSD	.33060	1.3689	.04467	1.4138	1.5049	.72358	.27121

#1	2.8621	14.789	.73545	.02253	3.0405	.94298	.68430
#2	2.8642	14.739	.73493	.02317	3.0067	.93744	.68238
#3	2.8795	15.114	.73485	.02280	3.0975	.92950	.68060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.923	.30995	.01550	3.1345	2.0168	.69827	1.9899
Stddev	.217	.00063	.01148	.0202	.0255	.00089	.0129
%RSD	1.3597	.20212	74.086	.64543	1.2655	.12677	.64580

#1	15.813	.31033	.02569	3.1386	2.0405	.69738	1.9752
#2	15.783	.30923	.00306	3.1126	2.0203	.69828	1.9963
#3	16.172	.31030	.01775	3.1524	1.9898	.69915	1.9984

Sample Name: K3990-10MSD Acquired: 7/25/2019 16:51:41 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5-BMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29612	F 20.20	-.27821	<.00000	F<.00000
Stddev	.00347	.05	.00175	.31231	400.12
%RSD	1.1724	.2609	.62877	8.9623	2.1695

#1	.29395	20.16	-.28022	-3.2193	-18482.
#2	.30013	20.26	-.27707	-3.4060	-18025.
#3	.29429	20.18	-.27733	-3.8289	-18823.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.2	28004.	1918.6	26.563	1798.4
Stddev	7.7	59.	11.4	.370	2.9
%RSD	.34210	.20918	.59665	1.3928	.15882

#1	2238.4	28032.	1912.2	26.197	1795.2
#2	2252.1	28044.	1911.9	26.936	1800.7
#3	2251.2	27937.	1931.9	26.555	1799.3

Sample Name: K3990-10A Acquired: 7/25/2019 16:56:04 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8430 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75689	1.9135	1.1395	1.5648	.18503	428.32	1.1177
Stddev	.00367	.0057	.0060	.0058	.00243	1.89	.0083
%RSD	.48541	.29761	.52593	.36904	1.3124	.44062	.74555

#1	.75639	1.9078	1.1399	1.5614	.18506	427.81	1.1091
#2	.75349	1.9136	1.1453	1.5616	.18259	430.41	1.1257
#3	.76079	1.9192	1.1333	1.5715	.18745	426.73	1.1181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19171	.20311	9.5448	.72316	.34725	.99325	467.56
Stddev	.00020	.00046	.1191	.00150	.00017	.01319	2.22
%RSD	.10482	.22430	1.2476	.20805	.04861	1.3279	.47471

#1	.19176	.20329	9.6484	.72454	.34729	.99589	466.73
#2	.19149	.20259	9.5714	.72155	.34707	.97894	470.07
#3	.19188	.20345	9.4147	.72338	.34740	1.0049	465.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7593	14.588	.71642	.02261	3.0431	.90964	.69066
Stddev	.0036	.270	.00022	.00110	.0362	.00077	.00837
%RSD	.12854	1.8486	.03103	4.8653	1.1892	.08519	1.2112

#1	2.7568	14.461	.71668	.02134	3.0033	.90879	.69279
#2	2.7578	14.898	.71629	.02335	3.0519	.91031	.68144
#3	2.7634	14.406	.71629	.02313	3.0741	.90982	.69776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.715	.30138	.02682	3.0589	1.9592	.67677	1.9300
Stddev	.053	.00068	.00899	.0123	.0205	.00195	.0060
%RSD	.33938	.22409	33.522	.40131	1.0476	.28864	.30865

#1	15.660	.30210	.03061	3.0685	1.9792	.67811	1.9308
#2	15.720	.30129	.03329	3.0630	1.9602	.67768	1.9355
#3	15.766	.30076	.01655	3.0451	1.9382	.67453	1.9236

Sample Name: K3990-10A Acquired: 7/25/2019 16:56:04 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA8430 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29181	F 19.54	-.27184	<.00000	F<.00000
Stddev	.00551	.17	.00286	.13311	36.816
%RSD	1.8888	.8478	1.0520	3.4044	.19943

#1	.29755	19.63	-.26898	-3.8631	-18499.
#2	.29131	19.35	-.27469	-3.8067	-18426.
#3	.28656	19.65	-.27185	-4.0602	-18457.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.5	28686.	1984.1	27.283	1864.1
Stddev	21.4	102.	30.3	1.067	14.8
%RSD	.92329	.35538	1.5285	3.9112	.79645

#1	2315.1	28651.	1950.4	26.822	1861.4
#2	2344.1	28607.	1992.7	26.524	1880.1
#3	2302.3	28801.	2009.1	28.503	1850.8

Sample Name: CCV05 Acquired: 7/25/2019 17:00:26 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8430 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9834	4.9146	4.8928	4.9745	4.9851	9.7044	9.7858
Stddev	.0147	.0285	.0075	.0163	.0023	.0879	.0741
%RSD	.29433	.58053	.15295	.32771	.04614	.90608	.75755

#1	4.9712	4.8818	4.8967	4.9557	4.9877	9.6031	9.7049
#2	4.9997	4.9333	4.8976	4.9826	4.9834	9.7607	9.8020
#3	4.9794	4.9288	4.8842	4.9851	4.9840	9.7494	9.8505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25104	2.4306	24.817	1.0134	2.4647	1.2475	4.9785
Stddev	.00110	.0042	.132	.0016	.0023	.0030	.0072
%RSD	.43985	.17410	.53016	.15524	.09299	.24324	.14404

#1	.25220	2.4262	24.952	1.0149	2.4622	1.2491	4.9838
#2	.25091	2.4347	24.689	1.0117	2.4667	1.2493	4.9814
#3	.25000	2.4310	24.811	1.0135	2.4652	1.2439	4.9703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4492	24.712	2.4446	1.2391	24.234	2.4893	2.4557
Stddev	.0056	.331	.0067	.0016	.139	.0067	.0022
%RSD	.22918	1.3400	.27388	.12947	.57474	.26738	.09165

#1	2.4519	24.329	2.4378	1.2399	24.075	2.4969	2.4540
#2	2.4428	24.903	2.4512	1.2402	24.292	2.4845	2.4583
#3	2.4530	24.903	2.4448	1.2373	24.336	2.4865	2.4549

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.417	4.9505	4.7166	4.8666	4.9190	4.8713	4.9328
Stddev	.165	.0072	.0693	.0229	.0303	.0184	.0079
%RSD	.70628	.14471	1.4703	.47137	.61574	.37739	.15984

#1	23.228	4.9463	4.6383	4.8404	4.9538	4.8568	4.9291
#2	23.531	4.9588	4.7408	4.8758	4.8987	4.8920	4.9274
#3	23.494	4.9465	4.7705	4.8834	4.9045	4.8653	4.9418

Sample Name: CCV05 Acquired: 7/25/2019 17:00:26 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB8430 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7288	5.096	F 4.4400	F 4.4008	F 344.31
Stddev	.0099	.021	.0141	.1186	3.78
%RSD	.20925	.4040	.31757	2.6956	1.0975

#1	4.7343	5.072	4.4520	4.2886	344.72
#2	4.7174	5.109	4.4245	4.5249	340.34
#3	4.7347	5.107	4.4434	4.3891	347.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.5	24953.	1693.1	27.394	1963.6
Stddev	5.2	33.	15.4	.965	3.9
%RSD	.26662	.13085	.90851	3.5236	.19982

#1	1942.7	24951.	1675.7	26.900	1964.4
#2	1944.5	24986.	1704.9	26.776	1959.4
#3	1952.4	24921.	1698.8	28.507	1967.1

Sample Name: CCB05 Acquired: 7/25/2019 17:04:24 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15288 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	.00010	-.00050	-.00019	.00150	-.01480	.00047
Stddev	.00349	.00115	.00050	.00425	.00116	.01212	.00070
%RSD	81.073	1166.6	100.08	2234.2	77.113	81.887	146.85

#1	-.00314	.00129	-.00089	-.00271	.00283	-.02708	.00128
#2	-.00154	-.00101	.00007	-.00259	.00094	-.01448	.00003
#3	-.00822	.00002	-.00068	.00472	.00073	-.00284	.00011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00001	-.02631	-.00007	-.00023	-.00005	.00370
Stddev	.00005	.00012	.05252	.00004	.00013	.00020	.00077
%RSD	32.775	1473.5	199.66	47.998	57.341	381.39	20.719

#1	.00019	-.00000	.02141	-.00005	-.00037	-.00017	.00386
#2	.00015	-.00013	-.08258	-.00011	-.00012	-.00016	.00438
#3	.00010	.00011	-.01774	-.00006	-.00019	.00018	.00287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.02711	-.00061	-.00005	.00753	.00080	-.00013
Stddev	.00006	.07640	.00011	.00021	.01031	.00038	.00013
%RSD	61.677	281.84	18.574	450.33	137.02	47.530	96.691

#1	.00003	.00345	-.00065	-.00025	-.00179	.00111	.00001
#2	.00013	-.03466	-.00048	-.00006	.00576	.00038	-.00023
#3	.00012	.11254	-.00070	.00017	.01861	.00091	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12028	.00044	.00645	F -.01550	.00250	.00019	.00039
Stddev	.05135	.00007	.01414	.00278	.00166	.00013	.00201
%RSD	42.689	15.982	219.23	17.958	66.300	71.244	515.32

#1	-.06101	.00052	.00518	-.01720	.00157	.00005	.00252
#2	-.14841	.00038	.02118	-.01701	.00442	.00020	.00013
#3	-.15141	.00044	-.00701	-.01229	.00152	.00031	-.00148

Sample Name: CCB05 Acquired: 7/25/2019 17:04:24 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15288 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00343	-.0022	.00011	F 3.0442	F 404.11
Stddev	.00138	.0021	.00011	.1840	232.05
%RSD	40.353	94.73	105.65	6.0441	57.422
#1	-.00186	-.0040	.00004	3.1363	425.18
#2	-.00393	-.0029	.00004	2.8323	624.91
#3	-.00449	.0001	.00023	3.1639	162.25
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.5	25930.	1723.5	27.958	2175.3
Stddev	6.0	101.	9.7	1.264	9.1
%RSD	.29796	.38775	.56505	4.5197	.42036
#1	2011.0	25866.	1713.8	29.391	2185.1
#2	1999.2	25879.	1733.2	27.477	2167.1
#3	2003.2	26046.	1723.6	27.005	2173.5

Sample Name: K3933-08DL3X500 Acquired: 7/25/2019 17:08:53 Type: Unk
Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15288 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00100	.46608	.00010	.00463	.16089	.01271
Stddev	.00287	.00044	.00303	.00335	.00342	.02787	.00065
%RSD	362.37	44.352	.64994	3512.1	73.735	17.325	5.1130

#1	.00039	-.00110	.46687	-.00288	.00683	.13154	.01252
#2	-.00186	-.00138	.46274	-.00057	.00070	.16412	.01217
#3	.00383	-.00051	.46864	.00373	.00638	.18701	.01343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00028	.65343	.52745	.00077	.96285	2.1972
Stddev	.00003	.00010	.02194	.00242	.00004	.00135	.0012
%RSD	30.836	36.267	3.3571	.45868	5.4301	.13980	.05466

#1	.00010	-.00028	.67646	.53019	.00081	.96214	2.1977
#2	.00006	-.00038	.63279	.52562	.00077	.96201	2.1980
#3	.00011	-.00018	.65104	.52653	.00073	.96440	2.1958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01173	.13984	1.5919	-.00033	.38332	.00162	.11404
Stddev	.00006	.06309	.0012	.00074	.00920	.00053	.00025
%RSD	.50070	45.114	.07725	223.22	2.4002	32.477	.22136

#1	.01177	.21220	1.5931	-.00054	.38156	.00104	.11378
#2	.01175	.09636	1.5907	.00049	.37513	.00175	.11406
#3	.01166	.11096	1.5920	-.00095	.39328	.00206	.11428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74659	.00030	.05290	.68491	.02054	.00324	.00293
Stddev	.05374	.00045	.00760	.00418	.00160	.00052	.00093
%RSD	7.1977	151.19	14.365	.60964	7.7981	16.021	31.866

#1	.72586	.00032	.05594	.68960	.02165	.00293	.00257
#2	.70631	.00074	.04425	.68352	.02126	.00294	.00222
#3	.80761	-.00016	.05850	.68161	.01870	.00383	.00398

Sample Name: K3933-08DL3X500 Acquired: 7/25/2019 17:08:53 Type: Unk
 Method: P4-ICP2(v3287) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15288 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00491	.0422	.00148	2.8783	F 429.07
Stddev	.00178	.0003	.00015	.1226	57.02
%RSD	36.234	.7981	9.8927	4.2582	13.290

#1	-.00286	.0419	.00150	3.0133	365.47
#2	-.00587	.0422	.00162	2.7740	446.11
#3	-.00601	.0426	.00132	2.8476	475.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.1	26170.	1728.7	27.805	2207.9
Stddev	14.0	99.	11.6	1.775	13.6
%RSD	.68304	.37684	.67075	6.3854	.61700

#1	2037.3	26087.	1716.2	28.914	2194.3
#2	2050.6	26279.	1731.0	25.757	2207.9
#3	2065.3	26145.	1739.1	28.743	2221.6

Sample Name: K3905-01 Acquired: 7/25/2019 17:13:14 Type: Unk
Method: P4-ICP2(v3287) 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	k .91845	kF -1.9092	kF 618.39	k -.21807	k .21499	k 637.53	16.076
Stddev	.00518	.0284	5.06	.07426	.16208	5.28	.130
%RSD	.56396	1.4892	.81902	34.053	75.389	.82869	.80710

#1	k .92382	k -1.9420	k 616.59	k -.30382	k .02791	k 631.78	15.963
#2	.91348	-1.8914	624.11	-.17522	.31300	638.62	16.048
#3	.91805	-1.8941	614.47	-.17517	.30407	642.18	16.217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05982	k 2.7853	k 440.44	k .86781	kF 5.8075	k 3.0858	^ *****
Stddev	.00016	.0254	1.87	.18719	.0453	1.3404	-----
%RSD	.26049	.91229	.42346	21.571	.77959	43.437	-----

#1	.05970	k 2.7977	k 441.34	k 1.0840	k 5.8025	k 4.6333	^ -----
#2	.05976	2.8021	438.29	.75826	5.8550	2.2904	303.19
#3	.05999	2.7561	441.67	.76121	5.7649	2.3336	303.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.948	199.48	k 18.434	^ *****	88.759	k 1.5744	kF 212.22
Stddev	.034	.88	.139	-----	.395	.0033	2.22
%RSD	.24142	.43937	.75513	-----	.44477	.21134	1.0465

#1	13.983	199.68	k 18.378	^ -----	88.807	k 1.5755	k 211.05
#2	13.916	198.52	18.593	^ -----	88.342	1.5771	214.78
#3	13.946	200.24	18.332	^ -----	89.128	1.5707	210.83

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.077	.10553	k -.89980	kF 1623.2	kF 69.343	kF 33.241	k 9.6770
Stddev	.192	.00066	.16528	15.0	.093	.360	.0540
%RSD	.32494	.62255	18.368	.92400	.13397	1.0840	.55797

#1	59.070	.10495	k -1.0906	k 1620.2	k 69.448	k 33.547	k 9.6582
#2	58.888	.10624	-.79965	1639.5	69.273	33.333	9.6349
#3	59.272	.10539	-.80918	1609.9	69.308	32.844	9.7379

Sample Name: K3905-01 Acquired: 7/25/2019 17:13:14 Type: Unk
Method: P4-ICP2(v3287) 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	.75516	kF 522.7	k 3.4806	<.00000	^ *****
Stddev	.00397	4.2	.2022	.31082	-----
%RSD	.52542	.7960	5.8082	.38367	-----

#1	.75310	k 521.4	k 3.7110	-81.370	^ -----
#2	.75265	527.3	3.3332	-80.797	^ -----
#3	.75974	519.3	3.3974	-80.873	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6401.9	85560.	6866.4	17.942	477.23
Stddev	2.6	307.	23.2	2.155	3.98
%RSD	.03997	.35902	.33821	12.012	.83454

#1	6400.3	85225.	6840.6	15.959	478.46
#2	6404.9	85829.	6885.5	17.632	472.78
#3	6400.6	85625.	6873.2	20.236	480.46

Sample Name: CCV06 Acquired: 7/25/2019 17:18:18 Type: Unk
Method: P4-ICP2(v3287) 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	4.9716	4.8595	4.8939	4.9317	4.9857	9.6208	9.6580
Stddev	.0180	.0060	.0091	.0039	.0106	.0760	.0618
%RSD	.36295	.12253	.18590	.07799	.21243	.78944	.64033

#1	4.9531	4.8563	4.8834	4.9283	4.9743	9.5400	9.5881
#2	4.9891	4.8559	4.8991	4.9358	4.9876	9.6907	9.7057
#3	4.9725	4.8664	4.8992	4.9310	4.9952	9.6318	9.6801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25022	2.4222	24.783	1.0112	2.4564	1.2507	4.9969
Stddev	.00054	.0060	.034	.0029	.0035	.0016	.0120
%RSD	.21530	.24596	.13538	.28367	.14157	.13055	.24055

#1	.24969	2.4160	24.787	1.0115	2.4524	1.2508	5.0077
#2	.25020	2.4226	24.814	1.0139	2.4586	1.2491	4.9990
#3	.25076	2.4279	24.748	1.0082	2.4582	1.2523	4.9840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4452	24.591	2.4322	1.2368	24.001	2.4726	2.4473
Stddev	.0036	.201	.0015	.0019	.164	.0011	.0047
%RSD	.14711	.81781	.06238	.15693	.68222	.04626	.19298

#1	2.4440	24.382	2.4311	1.2380	23.815	2.4737	2.4422
#2	2.4493	24.606	2.4315	1.2377	24.124	2.4728	2.4482
#3	2.4424	24.783	2.4339	1.2345	24.064	2.4714	2.4515

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.170	4.9494	4.6632	5.0200	5.4700	4.8331	4.9229
Stddev	.152	.0076	.0643	.0335	.0409	.0091	.0137
%RSD	.65564	.15261	1.3780	.66688	.74817	.18751	.27724

#1	23.088	4.9440	4.6123	5.0314	5.5169	4.8265	4.9114
#2	23.345	4.9462	4.7354	5.0463	5.4422	4.8294	4.9380
#3	23.077	4.9580	4.6418	4.9823	5.4507	4.8435	4.9194

Sample Name: CCV06 Acquired: 7/25/2019 17:18:18 Type: Unk
Method: P4-ICP2(v3287) 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	4.6898	5.050	F 4.3561	F 4.1027	F 302.65
Stddev	.0116	.006	.0032	.2456	79.87
%RSD	.24700	.1117	.07270	5.9860	26.391

#1	4.7015	5.044	4.3551	3.8888	304.00
#2	4.6784	5.055	4.3535	4.3709	222.12
#3	4.6895	5.051	4.3596	4.0483	381.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.9	25189.	1697.8	26.803	1983.3
Stddev	3.4	131.	8.4	.773	3.3
%RSD	.17200	.51915	.49560	2.8830	.16877

#1	1958.3	25244.	1688.8	26.136	1986.0
#2	1962.6	25040.	1699.1	26.625	1984.3
#3	1955.9	25283.	1705.5	27.650	1979.6

Sample Name: CCB06 Acquired: 7/25/2019 17:29:55 Type: Unk
Method: P4-ICP2(v3287) 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	-.00165	-.00087	F .01448	.00164	.00021	-.01000	.00081
Stddev	.00101	.00020	.00098	.00503	.00120	.01512	.00088
%RSD	61.004	23.309	6.7434	306.74	575.24	151.25	107.62

#1	-.00237	-.00074	.01561	-.00123	-.00092	.00303	.00005
#2	-.00208	-.00076	.01397	-.00130	.00146	-.00644	.00177
#3	-.00050	-.00110	.01386	.00745	.00008	-.02657	.00062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00001	.00047	-.00003	.00019	.00006	.00676
Stddev	.00008	.00007	.04515	.00007	.00020	.00037	.00049
%RSD	76.512	582.26	9565.1	234.31	103.38	608.74	7.2945

#1	.00005	.00004	-.03174	.00005	-.00003	.00024	.00702
#2	.00019	-.00006	.05208	-.00006	.00027	-.00037	.00707
#3	.00007	.00006	-.01892	-.00007	.00033	.00032	.00619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.06058	-.00103	-.00023	.03493	.00060	.00866
Stddev	.00008	.06431	.00032	.00050	.01110	.00034	.00075
%RSD	189.97	106.15	30.769	217.47	31.779	56.848	8.6723

#1	-.00002	.10014	-.00138	-.00040	.04611	.00051	.00948
#2	.00013	.09523	-.00076	.00033	.02392	.00031	.00850
#3	.00002	-.01362	-.00096	-.00063	.03476	.00098	.00800

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06889	.00031	-.00234	F .01193	.00445	.00061	.00277
Stddev	.06407	.00033	.00586	.00274	.00300	.00044	.00032
%RSD	92.996	105.85	250.65	22.963	67.359	71.867	11.578

#1	.00407	.00037	.00149	.01210	.00412	.00112	.00302
#2	-.09482	.00060	-.00909	.00911	.00759	.00038	.00289
#3	-.11594	-.00004	.00058	.01459	.00163	.00034	.00241

Sample Name: CCB06 Acquired: 7/25/2019 17:29:55 Type: Unk
Method: P4-ICP2(v3287) 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	-.00704	-.0038	-.00011	F 2.7100	F 311.34
Stddev	.00399	.0003	.00001	.1158	148.89
%RSD	56.694	8.208	11.601	4.2714	47.824

#1	-.00633	-.0041	-.00011	2.7355	446.77
#2	-.01134	-.0034	-.00009	2.5837	335.34
#3	-.00345	-.0038	-.00012	2.8109	151.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.2	25812.	1705.9	28.505	2187.2
Stddev	6.2	62.	20.8	.411	2.1
%RSD	.30981	.24149	1.2187	1.4434	.09409

#1	2012.9	25760.	1682.6	28.980	2187.8
#2	2023.5	25795.	1712.7	28.275	2189.0
#3	2012.4	25881.	1722.5	28.259	2185.0